

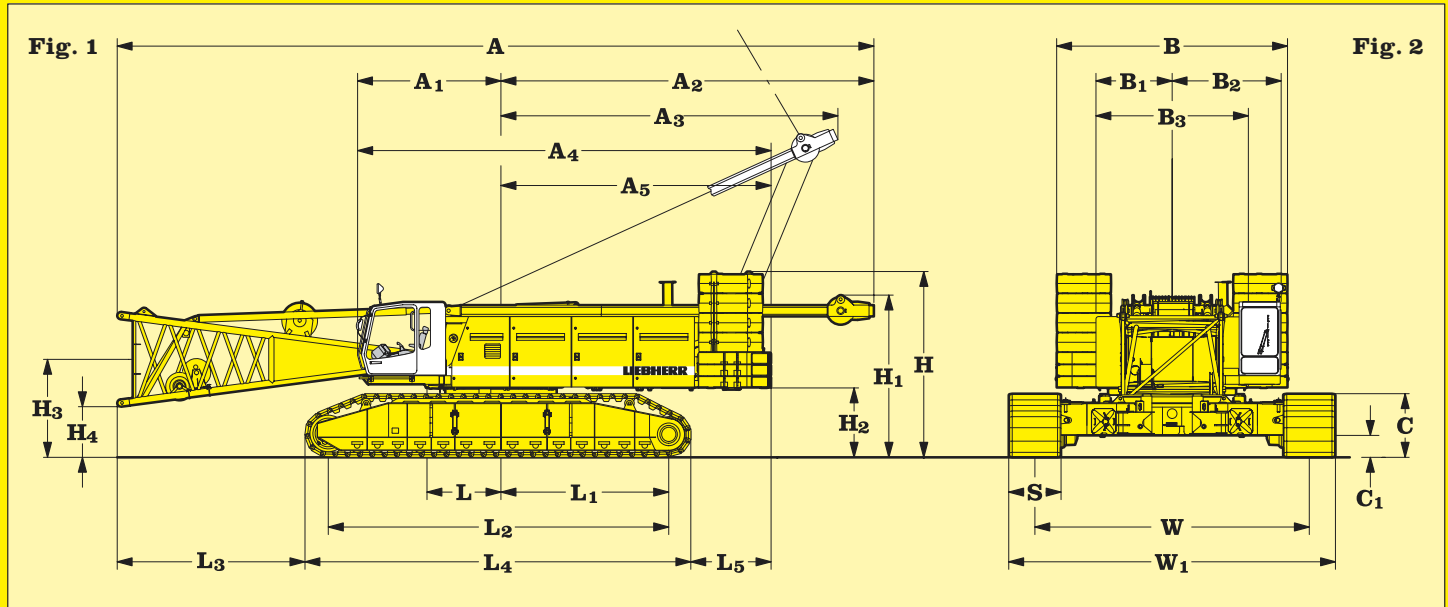
# Technical Data Hydraulic lift crane

# LR 1250

Litronic®  
Complies with ANSI B 30.5

## Basic machine with undercarriage

**MAXIM**  
1-877-MAX-LIFT



**Fig. 1: Dimensions in \_\_\_\_\_ ft**

<b>A</b> Overall length of superstructure with lowered A-frame and boom foot _____	57' 5"
<b>A<sub>1</sub></b> Centre of rotation - front edge of cabin _____	10' 10"
<b>A<sub>2</sub></b> Tail swing - lowered A-frame _____	28' 1"
<b>A<sub>3</sub></b> Max. tail swing - A-frame in working position _____	25' 5"
<b>A<sub>4</sub></b> Length of superstructure _____	31' 2"
<b>A<sub>5</sub></b> Centre rotation - rear counterweight _____	20' 4"

<b>H</b> Height over counterweight _____	14' 1"
<b>H<sub>1</sub></b> Height over lowered A-frame _____	12' 7"
<b>H<sub>2</sub></b> Ground clearance of superstructure _____	5' 3"
<b>H<sub>3</sub></b> Ground clearance of boom foot pivot _____	7' 5"
<b>H<sub>4</sub></b> Ground clearance of horizontal boom foot _____	3' 10"

<b>L</b> Centre of rotation - boom foot pivot _____	5' 7"
<b>L<sub>1</sub></b> Centre of rotation - centre of tumbler _____	12' 8"
<b>L<sub>2</sub></b> Wheel base (centre idler to centre tumbler) _____	25' 11"
<b>L<sub>3</sub></b> Distance from edge of horizontal boom foot to crawler _____	14' 1"
<b>L<sub>4</sub></b> Length of crawlers _____	29' 8"
<b>L<sub>5</sub></b> Distance between rear end of crawler and outside of counterweight _____	5' 4"

**Fig. 2: Dimensions in \_\_\_\_\_ ft**

<b>B</b> Width of counterweight _____	18' 0"
<b>B<sub>1</sub></b> Centre of rotation - outside of superstructure _____	5' 9"
<b>B<sub>2</sub></b> Centre of rotation - outside of cabin in working position _____	8' 2"
<b>B<sub>3</sub></b> Width of superstructure _____	11' 6"
<b>C</b> Height of crawlers _____	4' 10"
<b>C<sub>1</sub></b> Ground clearance of undercarriage _____	20"
<b>S</b> Width of track shoes _____	48"
<b>W</b> Track width of undercarriage _____	20' 8"
<b>W<sub>1</sub></b> Width of undercarriage _____	24' 7"

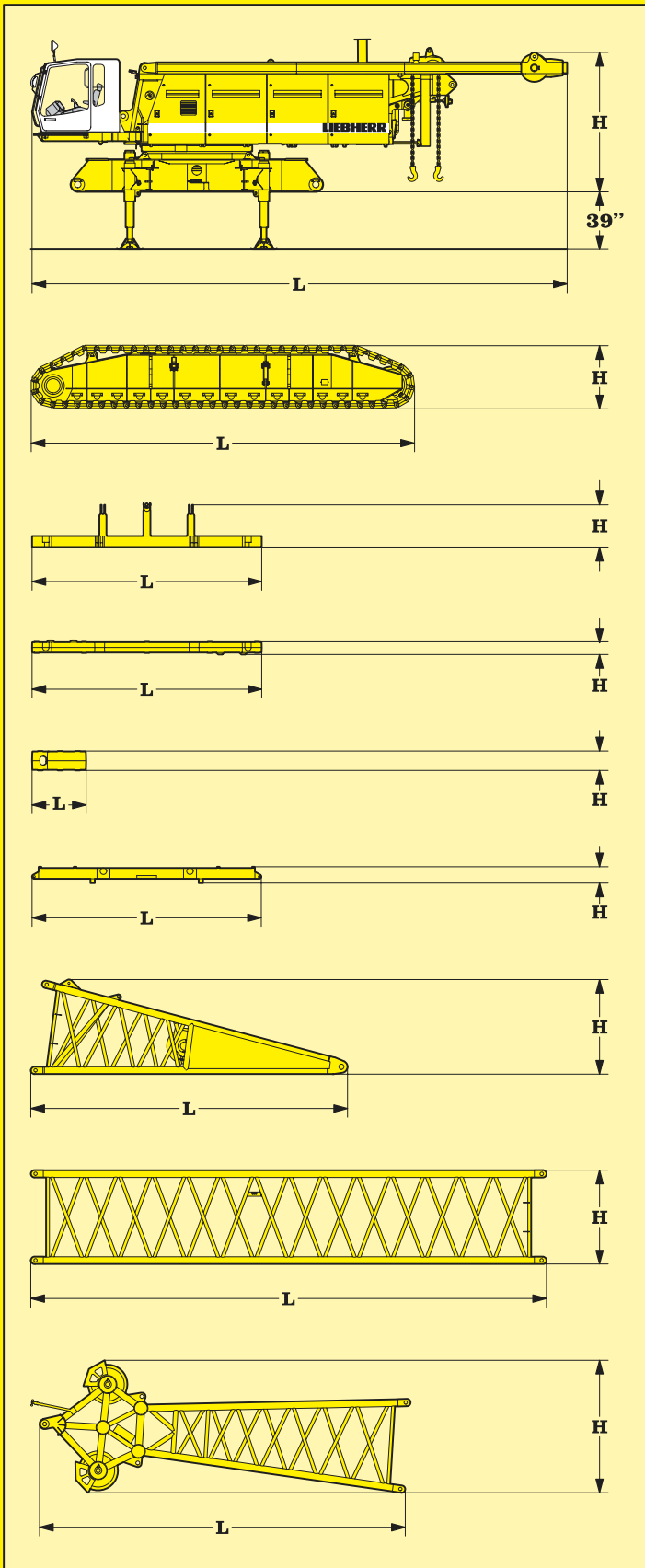
### Operating Weight and Ground Pressure

The operating weight includes the basic machine with crawler tracks, 2 main winches 33,100 lbs single working line pull each and 76 ft main boom, consisting of A-frame, boom foot (23 ft), boom head (23 ft), boom extension (10 ft), boom extension (20 ft) 166,000 lbs basic counterweight and 59,500 lbs carbody counterweight and 232 US t hook block.

with 48" flat track shoes 435,500 lbs - 14,93 lbs/sq.in.

# LIEBHERR

The Better Machine.



\*) Including pendants

### Basic machine

with A-frame and 2x 33,100 lbs winches, without boom foot, basic counterweight, crawlers and carbody counterweight

Width	11' 6"
L Length	42' 2"
H Height	10' 8"
Weight in lbs	92,000

### Crawler

flat track shoes	2x 48"
Width	4' 9"
L Length	29' 8"
H Height	4' 10"
Weight in lbs ea.	45,200

### Counterweight

Width	5' 5"
L Length	18' 0"
H Height	43"
Weight in lbs	27,800

### Counterweight

Width	5' 5"
L Length	18' 0"
H Height	13"
Weight in lbs ea.	23,400

### Counterweight

Width	4' 6"
L Length	4' 10"
H Height	20"
Weight in lbs each	11,250

### Carbody counterweight

Width	46"
L Length	16' 5"
H Height	15"
Weight in lbs ea.	29,800

### Boom foot

Width	7' 11"
L Length	24' 1"
H Height	7' 3"
Weight in lbs	10,140

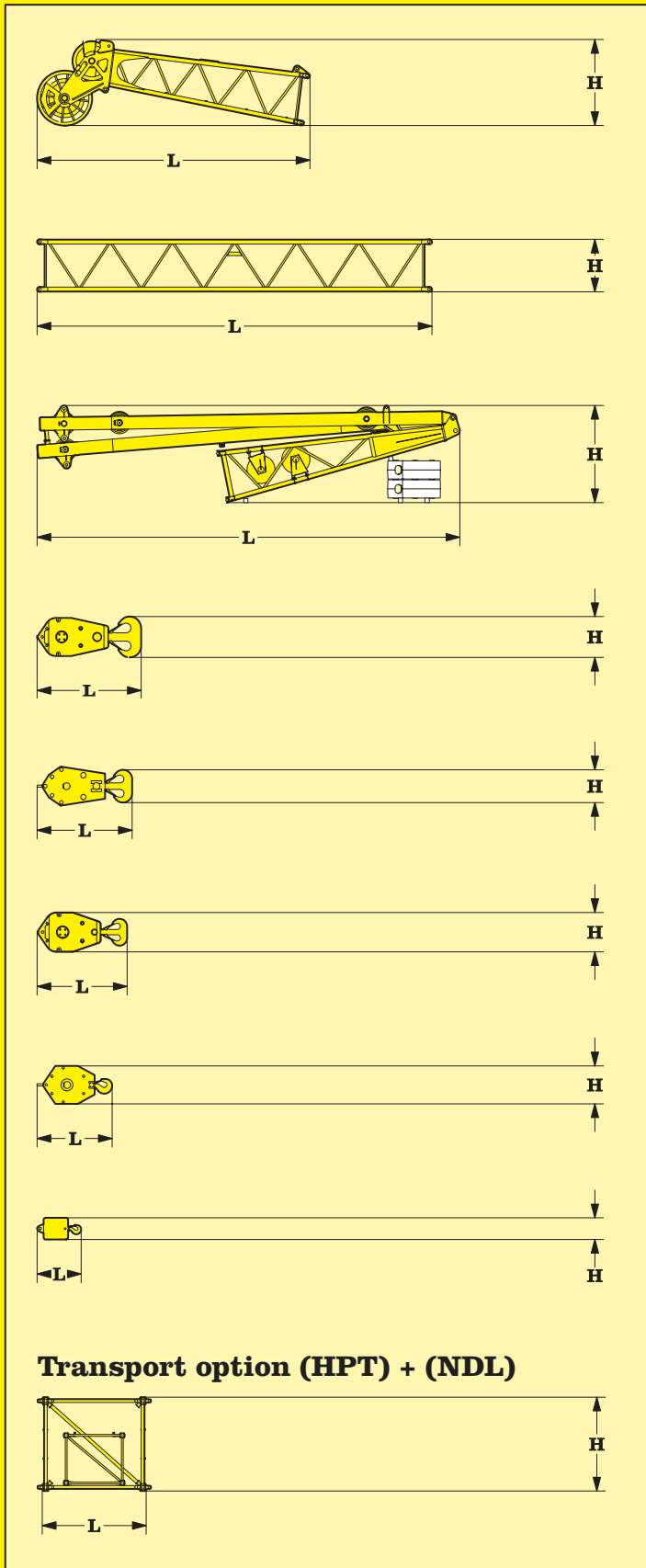
### Tubular

boom extension	10 ft	20 ft	38 ft
Width	7' 11"	7' 11"	7' 11"
L Length	10' 8"	20' 6"	39' 3"
H Height	7' 8"	7' 8"	7' 8"
Weight in lbs ea.*	2,500	4,200	6,300

### Boom head

Width	7' 11"
L Length	27' 11"
H Height	10' 0"
Weight in lbs*	9,500

# Transport dimensions and weights



\*) Including pendants

**Jib head (NDL)**

Width	4' 7"
L Length	20' 8"
H Height	6' 7"
Weight in lbs	3,000

**Tubular jib extension (NDL)**

	10 ft	30 ft
Width	4' 7"	4' 7"
L Length	10' 4"	30' 0"
H Height	4' 0"	4' 0"
Weight in lbs each*	970	2,300

**Jib foot (NDL) with A-frames**

Width	4' 8"
L Length	32' 2"
H Height	8' 0"
Weight in lbs	10,800

**232 US t hook block - 9 sheaves**

Width	48"
L Length	7' 10"
H Height	35"
Weight in lbs	12,100

**165 US t hook block - 5 sheaves**

Width	30"
L Length	7' 0"
H Height	35"
Weight in lbs	8,800

**110 US t hook block - 3 sheaves**

Width	27"
L Length	6' 7"
H Height	35"
Weight in lbs	7,300

**50 US t hook block - 1 sheaves**

Width	21"
L Length	5' 9"
H Height	35"
Weight in lbs	5,500

**18 US t single hook**

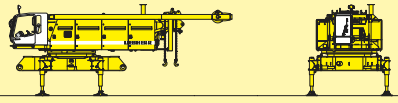
Width	20"
L Length	35"
H Height	20"
Weight in lbs	2,000

**Boom - jib transport option**

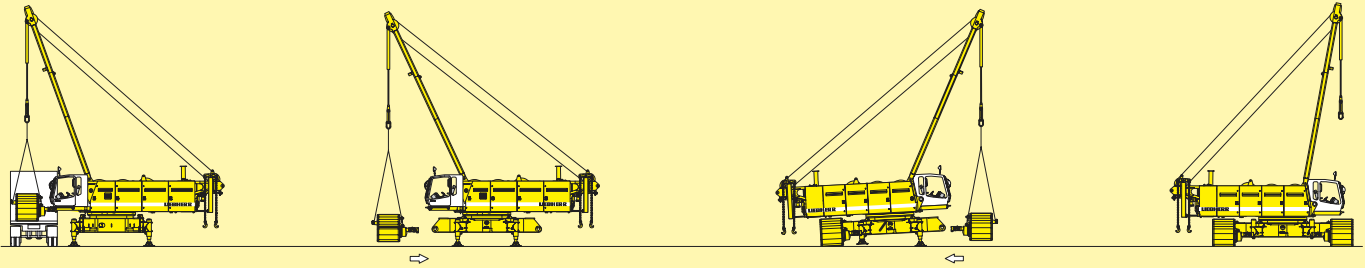
- 38 ft main - and 30 ft jib extension
- 20 ft main - and 10 ft jib extension
- 10 ft main - and 10 ft jib extension

HPT/NDL	38'/30'	20'/10'	10'/10'
Width	8' 0"	8' 0"	8' 0"
L Length	39' 3"	20' 6"	10' 8"
H Height	7' 8"	7' 8"	7' 8"
Weight in lbs * 38 ft main and 30 ft jib	8,400		
Weight in lbs * 20 ft main and 10 ft jib	5,200		
Weight in lbs * 10 ft main and 10 ft jib	3,500		

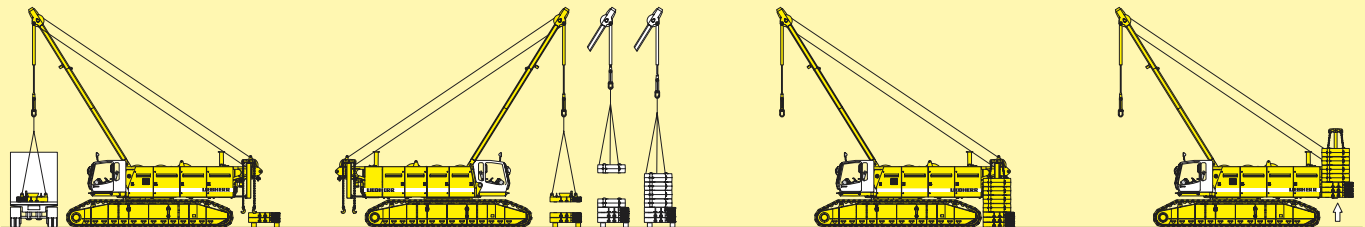
**Transport dimensions and weights**



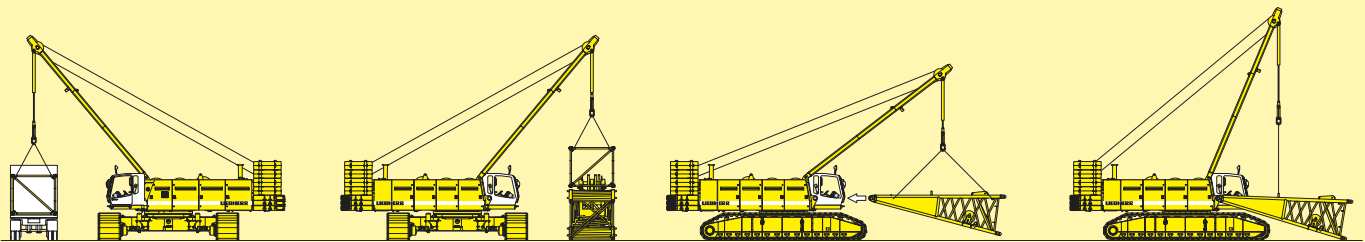
**Unloading of basic machine and swinging out of cabin**



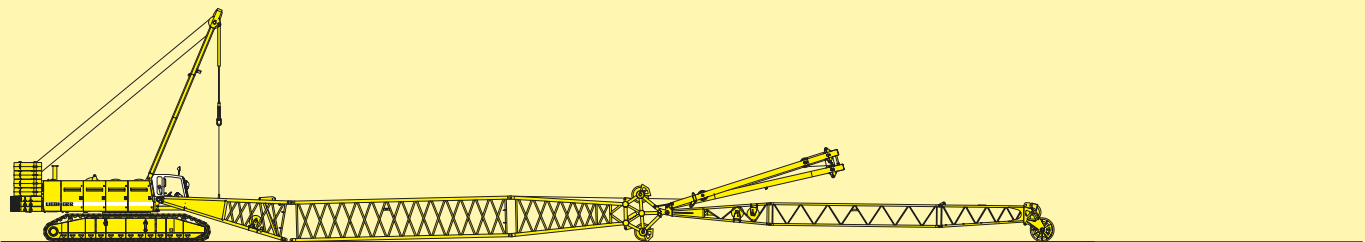
**Unloading and assembly of crawlers**



**Unloading and assembly of counterweight**

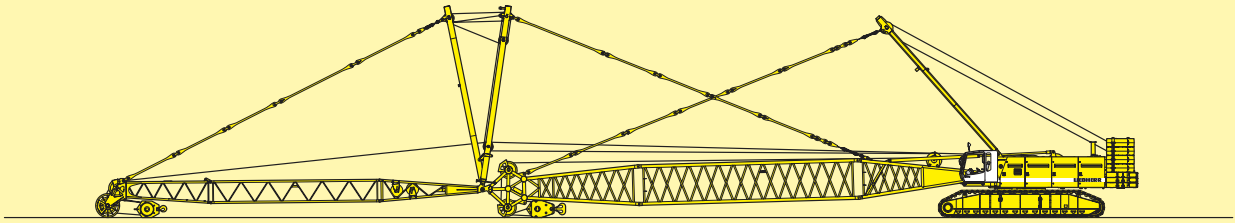


**Unloading and assembly of boom - Assembly of boom foot**

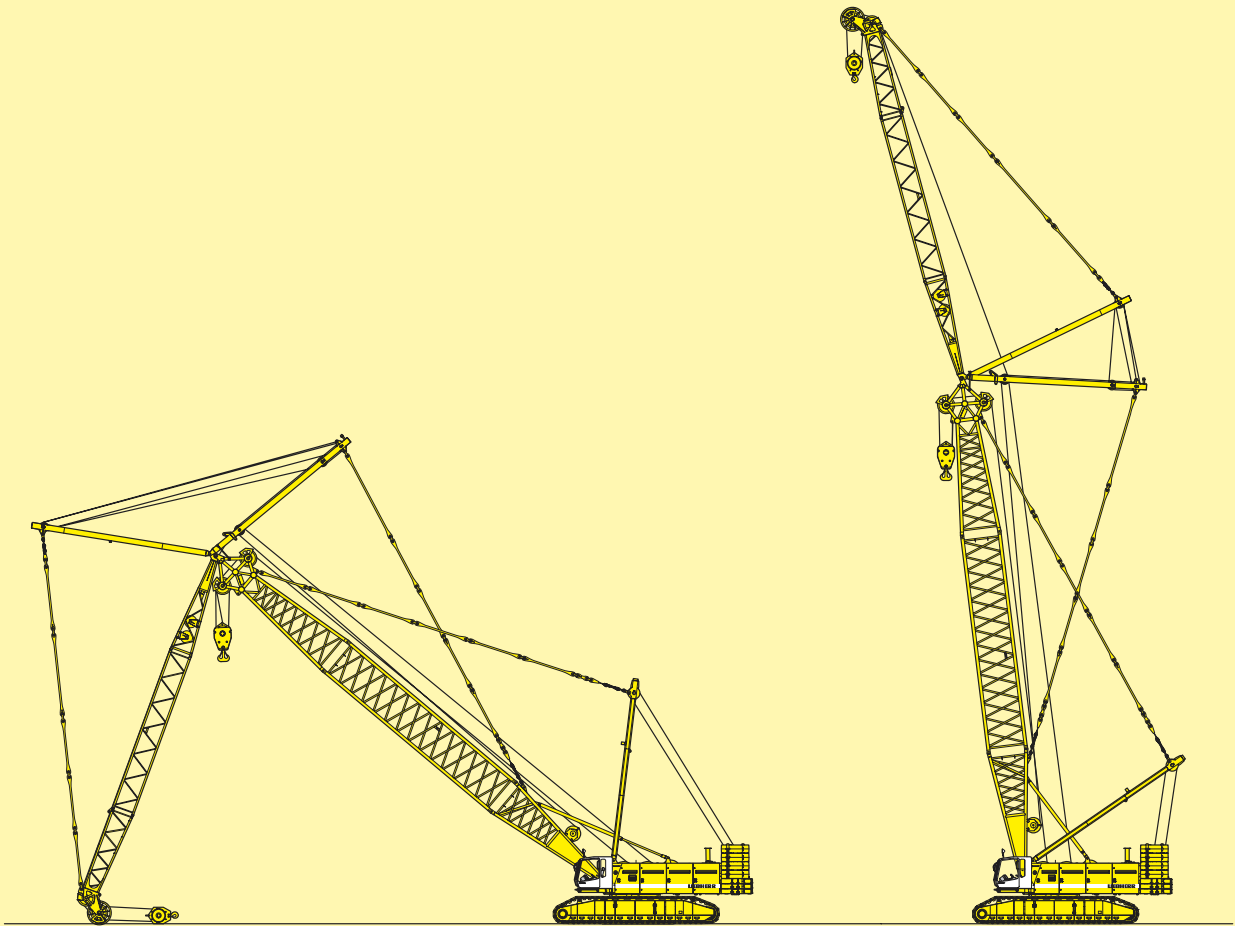


**Assembly of boom and reeving of hoist and jib ropes**

# Self assembly system



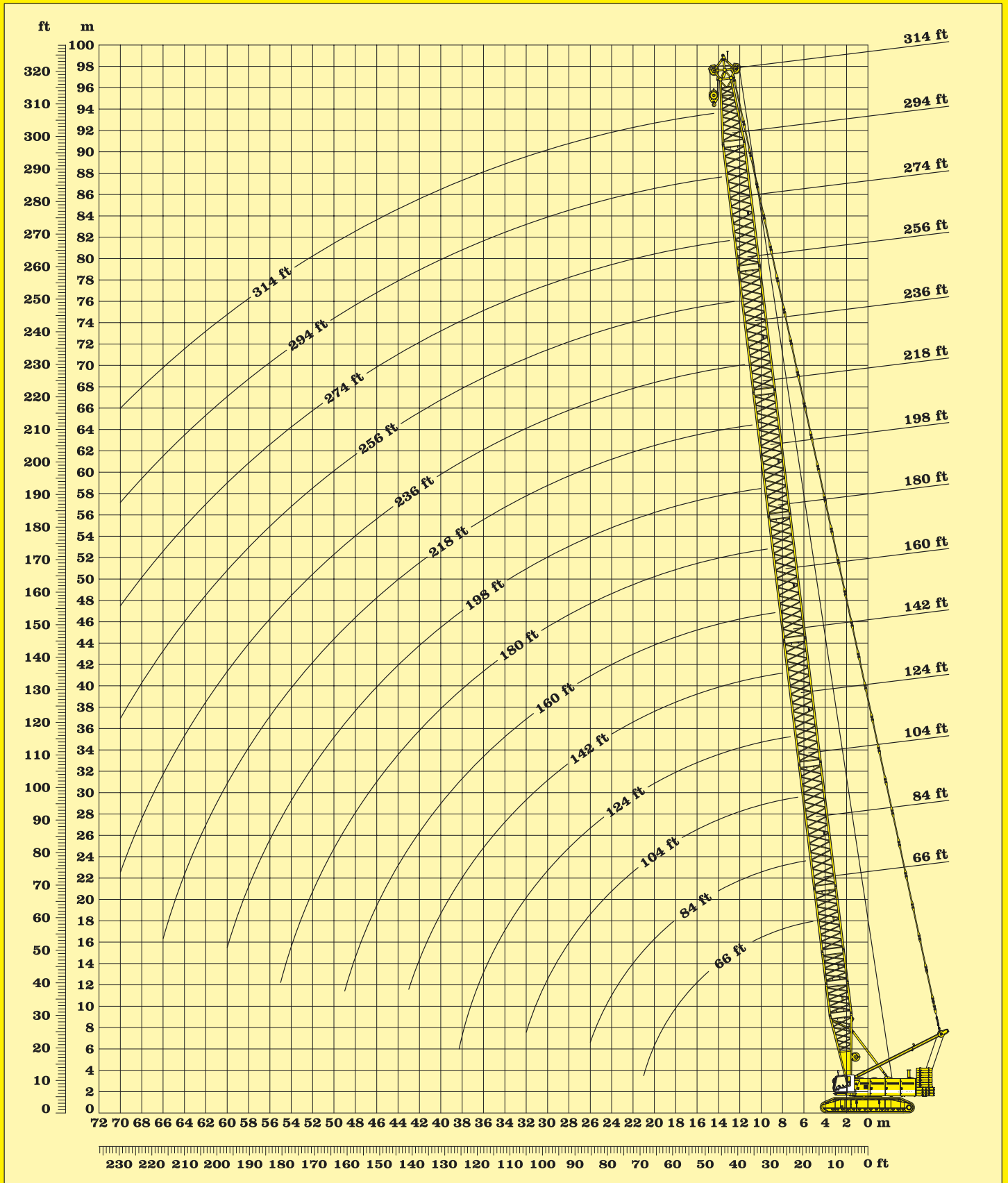
**Luffing of boom**



**Luffing of jib**

**Working position**

# **Booming up - crane in working position**



## Working range - main boom

## Scope of delivery:

Basic machine LR 1250 consisting of:

- Superstructure
- Main winches 2x 33,100 lbs without free fall
- Main boom luffing winch 1x 33,100 lbs including ropes
- Basic counterweight 166,000 lbs
- Hydraulic tilting cabin 20°
- Electronic load moment limiter LMB
- Hoisting limit switch
- Electric refuelling pump
- A-frame 1
- Undercarriage
- Flat track shoes 48" wide
- Carbody counterweight 2x 29,750 lbs
- Standard tool set
- Self erection system
- Main boom HPT, including pendants, corresponding length
- Ropes for main winches
- Corresponding hook block

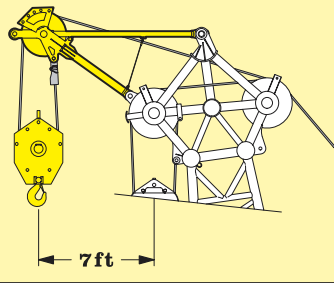
Option:

- Back-up control system
- Air conditioning
- Auxiliary jib
- GSM-modem

## Remarks:

1. The lifting capacities stated are valid for lifting operation only (corresponds with crane classification according to F.E.M.1001, crane group A1)
2. Crane standing on firm, level ground.
3. The weight of the lifting device (hoisting ropes, hook block, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.
4. Additional equipment on boom (e.g. boom walkways, auxiliary jib) must be deducted to get the net lifting capacity.
5. The lifting capacities stated do not exceed 75% of the tipping load.
6. For max. wind speed please refer to lift chart in operator's cab or manual.
7. The slewing speed of the load may not exceed 90 m/min.
8. Working radii are measured from centre of swing and under load.
9. The lifting capacities are valid for 360 degrees of swing.
10. Calculation of stability under load is based on DIN 15019 / part 2 / chart 1.
11. The structures are calculated according to DIN 15018 / part 3.

### Auxiliary jib 33 US t



The lifting capacity of the auxiliary jib is equal to that of the main boom (HPT) at the same working radius, but must not exceed the maximum lifting capacity of 33 US t.

### Transport dimensions and weights

#### Auxiliary jib

Width	50"
L Length	10' 10"
H Heigh	5' 3"

#### Reeving chart depending on maximum load:

Reeving	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Maximum load in US t	16.3	32.3	48.2	63.7	79.0	94.1	109.0	123.7	138.1	152.3	166.3	180.1	193.7	207.0	220.3	233.3	246.1	258.6	271.1	275.6
Single hook 18 US t																				
Hook block 50 US t																				
Hook block 110 US t																				
Hook block 165 US t																				
Hook block 232 US t																				
Hook block 275 US t																				

#### Main boom configuration (HPT) for boom lengths between 66 ft and 314 ft:

	Length	Amount of boom extensions																			
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom foot	23 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom ext.	10 ft	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
Boom ext.	20 ft	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0
Boom ext.	38 ft	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
Boom head	23 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom length in (ft)		66	76	84	94	104	114	122	132	142	152	160	170	180	190	198	208	218	228	236	246
Reeving		16	14	12	12	11	10	10	9	9	8	8	7	6	6	5	5	5	4	4	4

# Scope of delivery and assembly of main boom



## Scope of delivery:

Basic machine LR 1250 consisting of:

- Superstructure
- Main winches 2x 33,100 lbs without free fall
- Main boom luffing winch 1x 33,100 lbs with ropes
- Basic counterweight 166,000lbs
- Hydraulic tilting cabin 20°
- Electronic load moment limiter LMB
- Hoisting limit switch
- Electric refuelling pump
- A-frame 1
- Undercarriage
- Flat pads 48 inch wide
- Carbody counterweight 2x 29,750 lbs
- Standard tool set
- Self assembly system
- Main boom (HPT) including pendants, corresponding length
- Ropes for main winches
- Corresponding hook block
- Jib (NDL) including pendants, corresponding length
- Jib luffing winch 1x 23,200 lbs with ropes

Option:

- Back-up control system
- Air conditioning
- Auxiliary jib
- GSM-modem

## Remarks:

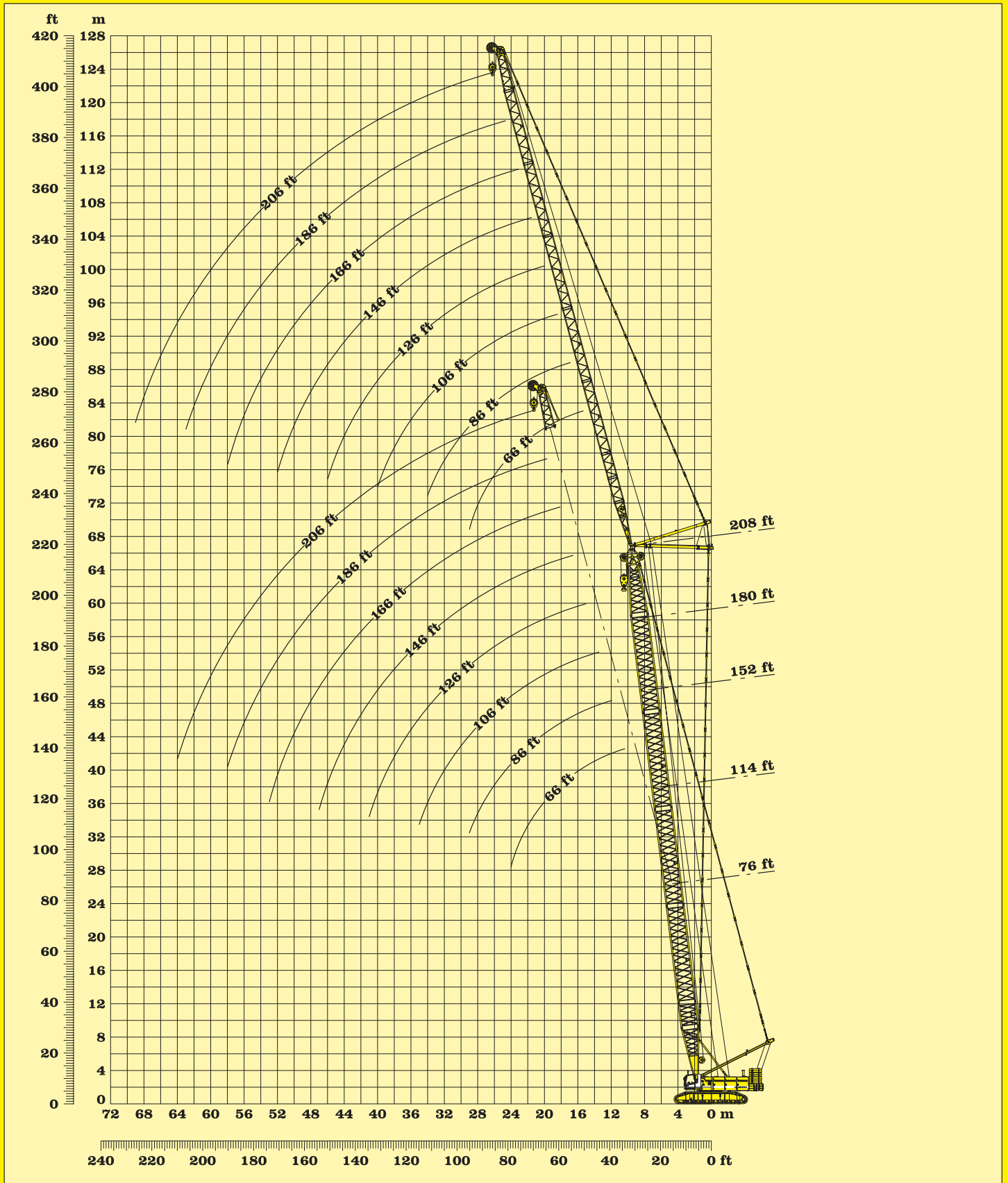
1. The lifting capacities stated are valid for lifting operation only (corresponds with crane classification according to F.E.M. 1.001, crane group A1)
2. Crane standing on firm, horizontal ground.
3. The weight of the lifting device (hoisting ropes, hook block, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.
4. Additional equipment on boom (e.g. boom walkways, auxiliary jib) must be deducted to get the net lifting capacity.
5. The lifting capacities stated do not exceed 75% of the tipping load.
6. For max. wind speed please refer to lift chart in operator's cab or manual.
7. The slewing speed of the load may not exceed 90 m/min.
8. Working radii are measured from centre of swing and under load.
9. The lifting capacities are valid for 360 degrees of swing.
10. Calculation of stability under load is based on DIN 15019 / part 2 / chart 1.
11. The structures are calculated according to DIN 15018 / part 3.

Main boom configuration (HPT) for lengths between 23 m and 63.8 m:																
Boom	Length	Amount of boom extensions														
Foot	7.0 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Extension	3.0 m	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
Extension	6.0 m	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0
Extension	11.7 m	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4
Head	7.0m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom length (m)		23	25.7	28.7	31.7	34.7	37.4	40.4	43.4	46.4	49.1	52.1	55.1	58.1	60.8	63.8
Reeving		15	13	13	12	11	10	9	9	8	8	7	6	6	5	5

Jib configuration (NDL) for lengths between 20 m and 62 m:																
	Length	Amount of boom extensions														
Boom foot	5.5 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom ext.	3.0 m	0	1	2	0	1	2	0	1	2	0	1	2	0	1	2
Boom ext.	9.0 m	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5
Boom head	5.5 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib length (m)		20	23	26	29	32	35	38	41	44	47	50	53	56	59	62

# Scope of delivery and assembly of main boom and luffing jib





## Working ranges - luffing jib main boom 83°



## Engine

Water cooled, V-8-cylinder Liebherr Diesel engine, turbo charged with intercooler, model D 9408 TI-E, power rating according to ISO 9249, 544 hp at 1900 rpm. The automatic load control system adapts perfectly the power output of the main users to the engine rpm. The temperature and rpm controlled cooling system saves power and reduces the noise emission. Fuel Tank: 2x 121.5 gal capacity with continuous level indicator and reserve warning at 10.6 gal.



## Hydraulic System

The main pumps are operated by a distributor gearbox. Axial piston displacement pumps work in closed and open circuits supplying oil only when needed (flow control on demand). To minimize peak pressure an automatically working pressure cut off is integrated. This spares pumps and saves energy. Winch 1 and 2: Axial piston displacement pumps (swash plate design) with 85 gal/min. each. Crawlers: Axial piston displacement pumps (swash plate design) with 2x 79 gal/min. Swing gear: Axial piston displacement pump (swash plate design) with 85 gal/min. Boom hoist: Axial piston displacement pump (swash plate design) with 79 gal/min. Max. working pressure: 5075 psi. Hydraulic oil tank capacity: 248 gal. The hydraulic oil is cleaned through electronically controlled pressure and return filters. Possible contamination is signaled in the cabin. The use of synthetic environmentally friendly oils is possible.



## Winches

Winch options:  
 Single working line pull **33,100 lbs**  
 Rope diameter (metric only): **28 mm**  
 Drum diameter : **29 "**  
 Rope speed ft/min **0-380**  
 Rope capacity 7 layers **1870 ft**  
 Propulsion through a planetary gearbox in an oil bath. Load support by the hydraulic system; additional safety factor provided by a spring loaded, multi-disc holding brake. The main winches use pressure controlled, variable flow hydraulic motors. This system features sensors that automatically adjust oil flow to provide max. winch speed depending on load.  
 Option - winch with freefall system:  
 Clutch and braking functions on the freefall system are provided by a compact designed, low wear and maintenance free multi-disc brake.



## Equipment

- Main boom HPT, max. length **314 ft**
- Jib NDL, max. length **206 ft**
- Jib - stay ropes
- Jib - luffing winch with ropes
- Auxiliary jib 33 US t lifting capacity
- Ropes for main winches
- Hook
- Heavy lift equipment available upon request.



## Swing Drive

Consists of rollerbearing with external teeth, 2 swing drives with fixed axial piston hydraulic motor, spring loaded and hydraulically released multi-disc holding brake, planetary gearbox and pinion. Free swing with hydraulic moment control reduces wear to a minimum, because rotation moment is sustained through the hydraulic system by the Diesel engine. A multi-disc holding brake acts automatically at zero swing motion. Swing speed from 0 - 1.84 rpm continuously variable.



## Crawler

Propulsion through axial piston motor, hydraulically released spring loaded multi-disc brake, crawler tracks, hydraulic chain tensioning device.  
 Flat track shoes **48 "**  
 Drive speed **0.8 mph.**



## Control

The control system - developed and manufactured by Liebherr - is designed to withstand extreme temperature and the many heavy-duty construction tasks for which this crane has been designed. Complete machine operating data are displayed on a high resolution monitor screen. To ensure clarity of the information on display, different levels of data are shown in enlarged lettering and symbols. Control and monitoring of the sensors are also handled by this high technology system. Error indications are automatically displayed on the monitor in English. The crane is equipped with proportional control for all movements, which can be carried out simultaneously. Additionally a "Redundant" or back-up control system is standard, allowing restricted operation of the machine in the event of a malfunction in the electronics or the sensors. The crane is operated with 2 multi-directional joysticks, right for winch I and boom hoist drive, left for winch II and swing. Crawler control is actuated with the two central foot pedals. Additionally, hand levers can be attached to the pedals.

- Options:
- MDE: Machine data recording
  - PDE: Process data recording
  - GSM-modem



## Boom luffing winch

Drum with internally located planetary gearbox, axial piston hydraulic motor and hydraulically released spring loaded multi-disc brake. Max. line pull: 33,100 lbs. Rope diameter: 24 mm (metric only). Line speed: 0-280 ft/min.



## Jib luffing winch

Drum with internally located planetary gearbox, axial piston hydraulic motor and hydraulically released spring loaded multi-disc brake. Max. line pull: 17,650 lbs. Rope diameter: 20 mm (metric only). Line speed: 0-236 ft/min.



## Noise emission

Special sound proofing results in a very low noise pressure level of 78 dB (A) at 53 ft radius (ISO 4872).

**MANUFACTURER:**  
 LIEBHERR-WERK NENZING GMBH,  
 P.O. Box 10, A-6710 Nenzing / Austria / Europe  
 Tel. (01143) 5525 - 606 - 473,  
 Fax (01143) 5525 - 606 - 499  
 Email: info@lwn.liebherr.com

**US SALES:**  
 LIEBHERR CRAWLER CRANE CO.  
 8515 Market Street, Houston, TX 77029  
 P.O. Box 15355, Houston, TX 77220  
 Tel. (713)672-1601 / Fax: (713)672-2808  
 Email: lercrawler@aol.com

**LOCAL DEALER:**

**Load charts main boom****Load charts**

The LR1250 meets ANSI B30.5 requirements. (including SAE J987, SAE J 765)

The crane classification acc. ISO 4301/1 and /2 given by the manufacturer is A1 (Q1, U2). Please see also operating manual chapter 2.2.2 where the state of loading (Q1) and the class of utilization (U2) is explained.

All radii which are allowed show a rated capacity, other length and radii are not approved.

Load ratings are based on the freely suspended load.

All loads shown do not exceed 75% of the tipping load. Grey shaded areas show, where structure is the limiting factor.

The charts are only valid for off level ground conditions of up to 1%.

Hooks, load blocks, slings, hoist lines or any other fixing device below the boom head are considered as part of the load.

The nominal line pull at the hoisting winch is 33730 lbs (150kN). These values shall not be exceeded. Please refer to the following table. The coefficient of efficiency is included:

Heavy boom head:	7.0m [23ft]	8 sheaves (maximum parts of line: 16)
------------------	-------------	---------------------------------------

Parts of line	1	2	3	4	5	6	7	8	9	10
Capacity [lbs]	32628	64595	96342	127427	158071	188275	218037	247359	276239	304679
Capacity [t]	14.8	29.3	43.7	57.8	71.7	85.4	98.9	112.2	125.3	138.2

Parts of line	11	12	13	14	15	16
Capacity [lbs]	332678	360235	387352	414028	440484	456500
Capacity [t]	150.9	163.4	175.7	187.8	199.8	207.1

Please refer also to reeving instructions in chapter 8 of the manual.

Load chart is calculated for original crane and boom sections in new and perfect conditions as approved by LIEBHERR. Any damages, non factory approved alterations or additions will reduce or prohibit it's use.

The load has to be reduced if the pendant straps of the luffing jib remain on the main boom. For each insert, where the pendants remain on the boom the capacity has to be reduced according the following table:

Insert 8.9ft (3.0m)	Insert 19.7ft (6.0m)	Insert 38.4ft (11.7m)
110 lbs (50kg)	187 lbs (85kg)	375 lbs (170kg)

All pendant straps of the luffing jib have to be removed for the boom length from 78.5m [258'] to 96.2m [316']. Removing all luffing jib pendants for all boom-length is always recommended.

The crane operator shall be qualified like given information in chapter 2.2.4 of the operating manual. The operator and assistant personnel associated with the crane shall read and fully understand the latest applicable ANSI code for mobile crane (ANSI B30.5).

Dynamic effects due to hoisting and lowering of the load, booming, swinging, travel and wind must be considered by the crane operator. The operator shall therefore reduce load ratings in order to take these conditions into account.

## Load charts main boom

Rated lifting capacities do not account for effects of wind on a suspended load or boom.

Judgment and experience of the crane operator, job planners and supervisors must be used to compensate for affect of wind on the lifted load and boom by reducing ratings, reducing speeds or a combination of both. Local conditions have to considered additionally (e.g. wind effects between and around buildings).

As a guideline the following table show rating reductions [%] which shall be used as a minimum. For changing wind speeds an especially for gusts of wind the maximum wind speed must be used. For wind speeds between given values the maximum wind speed shall be taken. The following table is valid only for the LR1250 and the attached chart.

Main boom length [ft]		66 - 123	142 - 199	219 - 258	276 - 316
Main boom length [m]		20.0 - 37.4	43.4 - 60.8	66.8 - 78.5	84.2 - 96.2
Wind speed [MPH]	Wind speed [m/s]	Percent rating reduction [%]			
15	7	0	0	0	0
20	9	20	20	20	20
25	11	20	20	20	20
30	13	30	30	30	30
35	16	30	30	30	30
Above 35	Above 16	<b>Operation not permitted</b>			

Additional reduction shall be done for light loads with a large sail area of the load. (larger than 1m<sup>2</sup>/1000kg load or 0.7 square inch per 1lbs load)

Parking positions of the boom are given in chapter 2.2.9 of the manual.

If a wind speed of more than 44MPH (20m/s) is expected or forecast in the wheater forecast, the complete boom shall be lowered horizontally to the ground early enough. (see chapter 2.2.6 manual)

The crane is authorized for use in outdoor temperatures of between -20°C and +40°C.

Travel:

There is no restriction of the position of the superstructure in relation to the crawlers.

Capacity charts are based on static conditions. Travelling allways creates dynamic effects on the crane.

Therefore deratings are required. For a rule of thumb to travel with speeds up to 0.9mph (0.4m/s) on even surface with no more than 1% offlevel the following derating should be applied.:

90% of Rated capacity but no less than 2200lbs. (1000kg)

In case special deratings are required, calculation should be made based on 100% of the load chart.

Using the runner (rooster sheave), the capacities at the main boom hook have to be reduced acc. given table:

	Reduction of Capacity [lbs]	Reduction of Capacity [kg]
Runner without rope	-2425	-1100
Runner with single hook block [1985lbs / 900kg]	-4410	-2000
Runner with hook block, single sheave [5510lbs / 2500kg]	-8820	-4000

Increase of the radius, using the runner:

Main boom angle [°]	offset [ft]	offset [m]
83	6.9	2.1
45	8.2	2.5
15	6.9	2.1

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	456.5
25	75.8	70	397.6
30	71.2	68	316.5
35	66.4	66	252.0
40	61.4	63	206.7
45	56.1	60	174.5
50	50.5	56	150.5
55	44.2	51	131.9
60	37.1	44	116.9
65	28.3	35	104.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	456.5
25	77.7	80	384.1
30	73.8	79	321.3
35	69.7	77	252.2
40	65.5	75	206.8
45	61.2	72	174.6
50	56.6	69	150.6
55	51.7	65	132.0
60	46.5	60	117.1
65	40.7	54	105.0
70	34.1	47	94.8
75	25.8	37	86.1

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	450.1
25	79	90	418.1
30	75.5	88	316.0
35	71.9	87	252.7
40	68.3	84	207.3
45	64.5	82	175.1
50	60.6	79	151.2
55	56.5	76	132.6
60	52.2	72	117.7
65	47.6	67	105.6
70	42.6	62	95.5
75	37	55	86.9
80	30.5	47	79.5
85	22.1	36	73.0



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	456.1
25	80.2	100	397.0
30	77.1	98	304.3
35	73.9	97	252.7
40	70.7	95	207.2
45	67.4	93	175.0
50	64	91	151.0
55	60.5	88	132.4
60	56.8	84	117.6
65	53	81	105.5
70	49	76	95.4
75	44.6	71	86.8
80	39.9	65	79.5
85	34.6	58	73.1
90	28.5	49	67.5
95	20.5	37	62.4

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	456.5
25	81.1	110	369.9
30	78.3	109	310.4
35	75.5	107	252.7
40	72.6	106	207.1
45	69.6	104	174.9
50	66.6	102	150.9
55	63.5	99	132.3
60	60.4	96	117.4
65	57.1	93	105.3
70	53.6	89	95.3
75	50.1	85	86.7
80	46.2	80	79.4
85	42.1	75	73.1
90	37.7	68	67.5
95	32.7	61	62.5
100	26.8	51	58.1

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	453.8
25	81.9	120	360.9
30	79.4	119	321.9
35	76.8	117	250.3
40	74.1	116	206.9
45	71.5	114	174.6
50	68.8	112	150.6
55	66	110	132.0
60	63.2	107	117.1
65	60.3	105	105.0
70	57.3	101	94.9
75	54.2	98	86.4
80	50.9	94	79.1
85	47.5	89	72.8
90	43.9	84	67.2
95	40	78	62.3
100	35.7	71	57.9
105	30.9	63	54.0
110	25.3	53	50.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	449.7
20	84.9	129	443.1
25	82.5	129	384.6
30	80.1	128	312.0
35	77.7	127	252.5
40	75.3	125	207.0
45	72.9	124	174.7
50	70.4	122	150.6
55	67.9	120	132.0
60	65.3	117	117.2
65	62.7	115	105.1
70	60	112	95.0
75	57.2	109	86.5
80	54.3	105	79.2
85	51.3	101	72.8
90	48.2	97	67.3
95	44.8	92	62.4
100	41.3	86	58.1
105	37.5	79	54.1
110	33.3	72	50.6
115	28.6	63	47.4
120	22.8	52	44.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	429.3
20	85.2	139	429.3
25	83.1	139	394.2
30	80.9	138	289.9
35	78.7	137	252.4
40	76.4	135	204.1
45	74.2	134	174.4
50	71.9	132	150.3
55	69.6	130	131.7
60	67.3	128	116.8
65	64.9	126	104.7
70	62.4	123	94.6
75	59.9	120	86.1
80	57.3	117	78.8
85	54.7	114	72.5
90	51.9	110	66.9
95	49.1	105	62.1
100	46.1	101	57.7
105	42.9	95	53.8
110	39.5	89	50.3
115	35.9	82	47.1
120	31.8	74	44.2
125	27.2	65	41.5
130	21.7	53	39.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	413.1
20	85.6	149	413.1
25	83.5	149	375.1
30	81.5	148	282.6
35	79.5	147	252.3
40	77.4	146	202.8
45	75.3	144	174.2
50	73.2	143	150.1
55	71.1	141	131.4
60	68.9	139	116.5
65	66.7	137	104.4
70	64.5	134	94.3
75	62.2	132	85.8
80	59.9	129	78.5
85	57.5	126	72.1
90	55	122	66.6
95	52.5	118	61.7
100	49.9	114	57.4
105	47.1	109	53.5
110	44.2	104	50.0
115	41.2	99	46.8
120	37.9	92	43.9
125	34.4	85	41.2
130	30.5	77	38.8
135	26.1	67	36.5
140	20.7	55	34.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	355.8
20	85.9	159	355.8
25	84	158	344.8
30	82.1	158	283.1
35	80.2	157	249.8
40	78.2	156	206.3
45	76.3	155	173.9
50	74.3	153	149.7
55	72.4	151	131.0
60	70.4	150	116.1
65	68.3	148	104.0
70	66.3	145	93.9
75	64.2	143	85.3
80	62	140	78.0
85	59.9	137	71.7
90	57.6	134	66.2
95	55.3	131	61.3
100	53	127	56.9
105	50.5	123	53.0
110	48	118	49.5
115	45.4	113	46.4
120	42.6	108	43.5
125	39.6	102	40.8
130	36.5	95	38.4
135	33.1	88	36.1
140	29.3	79	34.1
145	26.2	72	32.3
150	21.3	59	30.5



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	326.5
25	84.3	167	318.1
30	82.5	167	288.9
35	80.7	166	234.8
40	78.9	165	206.2
45	77.1	164	173.7
50	75.2	162	149.6
55	73.4	161	130.9
60	71.5	159	116.0
65	69.6	157	103.8
70	67.7	155	93.7
75	65.7	153	85.2
80	63.7	150	77.9
85	61.7	148	71.6
90	59.6	145	66.0
95	57.5	141	61.2
100	55.4	138	56.8
105	53.1	134	52.9
110	50.8	130	49.4
115	48.5	126	46.3
120	46	121	43.4
125	43.4	116	40.8
130	40.7	110	38.3
135	37.8	103	36.1
140	34.7	96	34.0
145	32.2	90	32.3
150	28.6	81	30.5
155	24.4	71	28.8
160	19.4	58	27.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	302.3
25	84.6	177	298.6
30	82.9	177	289.6
35	81.2	176	228.3
40	79.5	175	205.9
45	77.8	174	173.4
50	76.1	173	149.3
55	74.4	171	130.5
60	72.6	169	115.6
65	70.8	168	103.4
70	69	166	93.3
75	67.2	164	84.8
80	65.3	161	77.5
85	63.5	159	71.1
90	61.6	156	65.6
95	59.6	153	60.7
100	57.6	150	56.4
105	55.6	147	52.5
110	53.5	143	49.0
115	51.4	139	45.8
120	49.1	134	42.9
125	46.8	130	40.3
130	44.5	125	37.9
135	42	119	35.7
140	39.3	113	33.6
145	37.3	108	31.9
150	34.3	101	30.1
155	31.1	93	28.4
160	27.6	83	26.8
165	23.5	72	25.3
170	18.6	59	23.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	292.7
25	84.9	187	290.5
30	83.3	187	277.2
35	81.7	186	227.9
40	80.1	185	203.9
45	78.5	184	173.1
50	76.9	183	147.3
55	75.2	181	130.2
60	73.6	180	115.2
65	71.9	178	103.1
70	70.2	176	92.9
75	68.5	174	84.4
80	66.8	172	77.1
85	65	170	70.7
90	63.3	167	65.2
95	61.5	165	60.3
100	59.6	162	56.0
105	57.7	158	52.1
110	55.8	155	48.6
115	53.8	151	45.4
120	51.8	147	42.5
125	49.8	143	39.9
130	47.6	139	37.5
135	45.4	134	35.3
140	43.1	128	33.2
145	41.3	124	31.5
150	38.8	118	29.7
155	36.1	111	28.0
160	33.2	104	26.5
165	30.1	95	25.0
170	26.7	85	23.6
175	22.7	74	22.3
180	17.9	60	21.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	260.5
25	85.2	197	260.5
30	83.7	197	249.2
35	82.2	196	229.7
40	80.6	195	197.3
45	79.1	194	172.8
50	77.6	193	148.0
55	76	192	129.8
60	74.4	190	114.8
65	72.9	189	102.6
70	71.3	187	92.5
75	69.7	185	83.9
80	68.1	183	76.6
85	66.4	181	70.2
90	64.8	178	64.7
95	63.1	176	59.8
100	61.3	173	55.5
105	59.6	170	51.6
110	57.8	167	48.1
115	56	164	44.9
120	54.2	160	42.0
125	52.3	156	39.4
130	50.3	152	37.0
135	48.3	147	34.8
140	46.8	144	32.9
145	44.6	139	31.0
150	42.4	133	29.2
155	40.1	127	27.5
160	37.6	121	26.0
165	35	114	24.5
170	32.2	106	23.1
175	29.2	97	21.9
180	25.8	87	20.6
185	21.9	75	19.4
190	17.2	61	18.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	234.2
30	84	205	226.0
35	82.5	205	212.0
40	81.1	204	194.6
45	79.6	203	172.6
50	78.1	202	148.3
55	76.6	201	129.6
60	75.2	199	114.6
65	73.7	198	102.4
70	72.2	196	92.3
75	70.6	194	83.7
80	69.1	193	76.4
85	67.5	190	70.0
90	66	188	64.5
95	64.4	186	59.6
100	62.7	183	55.2
105	61.1	180	51.4
110	59.4	177	47.9
115	57.7	174	44.7
120	56	171	41.8
125	54.2	167	39.2
130	52.4	163	36.8
135	50.5	159	34.6
140	49.1	156	32.7
145	47.2	151	30.8
150	45.2	146	29.0
155	43.1	141	27.3
160	40.9	135	25.8
165	38.6	129	24.3
170	36.1	122	23.0
175	33.6	115	21.7
180	30.8	107	20.5
185	27.8	97	19.3
190	24.4	87	18.2
195	20.4	74	17.2
200	15.5	58	16.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	215.7
30	84.2	215	209.4
35	82.9	215	202.2
40	81.5	214	178.6
45	80.1	213	171.1
50	78.7	212	148.0
55	77.3	211	129.2
60	75.9	210	114.2
65	74.5	208	102.0
70	73	207	91.8
75	71.6	205	83.3
80	70.1	203	75.9
85	68.6	201	69.6
90	67.2	199	64.0
95	65.7	197	59.1
100	64.1	194	54.8
105	62.6	192	50.9
110	61	189	47.4
115	59.4	186	44.2
120	57.8	183	41.3
125	56.2	179	38.7
130	54.5	176	36.3
135	52.8	172	34.1
140	51.5	169	32.2
145	49.7	165	30.3
150	47.8	160	28.5
155	45.9	155	26.9
160	43.9	150	25.3
165	41.9	145	23.9
170	39.8	139	22.5
175	37.5	132	21.2
180	35.2	125	20.0
185	32.6	117	18.9
190	29.9	109	17.8
195	27	99	16.7
200	23.7	88	15.7
205	19.8	75	14.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	196.7
35	83.2	225	189.7
40	81.9	224	177.4
45	80.5	223	166.6
50	79.2	222	147.7
55	77.9	221	128.8
60	76.5	220	113.8
65	75.2	218	101.6
70	73.8	217	91.4
75	72.4	215	82.8
80	71.1	214	75.5
85	69.7	212	69.1
90	68.2	210	63.6
95	66.8	208	58.7
100	65.4	205	54.3
105	63.9	203	50.4
110	62.4	200	46.9
115	61	197	43.7
120	59.4	194	40.9
125	57.9	191	38.2
130	56.3	188	35.8
135	54.7	184	33.6
140	53.5	182	31.7
145	51.8	178	29.8
150	50.1	173	28.1
155	48.4	169	26.4
160	46.6	164	24.9
165	44.7	159	23.4
170	42.8	154	22.1
175	40.8	148	20.8
180	38.7	142	19.6
185	36.6	135	18.4
190	34.2	128	17.4
195	31.8	120	16.3
200	29.1	111	15.3
205	26.2	101	14.4
210	23	90	13.5
215	19.2	76	12.6



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	178.0
35	83.5	235	172.4
40	82.2	234	165.3
45	81	233	151.8
50	79.7	232	146.2
55	78.4	231	128.4
60	77.1	230	113.4
65	75.8	229	101.2
70	74.5	227	91.0
75	73.2	226	82.4
80	71.9	224	75.0
85	70.6	222	68.7
90	69.2	220	63.1
95	67.9	218	58.2
100	66.5	216	53.8
105	65.1	214	49.9
110	63.7	211	46.4
115	62.3	209	43.2
120	60.9	206	40.3
125	59.4	203	37.7
130	58	200	35.3
135	56.5	196	33.1
140	55.3	194	31.2
145	53.8	190	29.3
150	52.2	186	27.5
155	50.6	182	25.9
160	48.9	178	24.3
165	47.2	173	22.9
170	45.4	168	21.5
175	43.6	163	20.3
180	41.8	157	19.1
185	39.8	151	17.9
190	37.8	145	16.8
195	35.6	138	15.8
200	33.4	131	14.8
205	31	122	13.9
210	28.4	113	13.0
215	25.5	103	12.2
220	22.3	91	11.4
225	18.6	77	10.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	162.2
35	83.7	243	156.5
40	82.5	243	153.3
45	81.3	242	146.9
50	80.1	241	141.8
55	78.8	240	128.1
60	77.6	239	113.1
65	76.4	238	100.9
70	75.1	236	90.7
75	73.9	235	82.1
80	72.6	233	74.7
85	71.3	232	68.4
90	70	230	62.8
95	68.7	228	57.9
100	67.4	226	53.5
105	66.1	224	49.6
110	64.8	221	46.1
115	63.4	219	43.0
120	62.1	216	40.1
125	60.7	213	37.4
130	59.3	210	35.0
135	58.2	208	33.0
140	56.8	205	31.0
145	55.3	201	29.0
150	53.8	197	27.3
155	52.3	194	25.6
160	50.8	189	24.1
165	49.2	185	22.6
170	47.5	181	21.3
175	45.9	176	20.0
180	44.1	171	18.8
185	42.3	165	17.7
190	40.5	159	16.6
195	38.6	153	15.6
200	36.6	146	14.6
205	34.4	139	13.7
210	32.2	131	12.8
215	29.8	123	12.0
220	27.2	113	11.2
225	24.4	102	10.4
230	21.1	90	9.6
235	17.3	75	8.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	147.8
40	82.8	253	145.7
45	81.6	252	141.2
50	80.5	251	137.4
55	79.3	250	126.4
60	78.1	249	112.8
65	76.9	248	100.5
70	75.7	247	90.3
75	74.5	245	81.7
80	73.3	244	74.3
85	72.1	242	67.9
90	70.9	240	62.3
95	69.6	238	57.4
100	68.4	236	53.1
105	67.1	234	49.1
110	65.9	232	45.6
115	64.6	230	42.5
120	63.3	227	39.6
125	62	224	36.9
130	60.6	222	34.5
135	59.7	219	32.5
140	58.3	216	30.5
145	56.9	213	28.5
150	55.5	210	26.8
155	54.1	206	25.1
160	52.6	202	23.6
165	51.1	198	22.1
170	49.6	194	20.8
175	48.1	189	19.5
180	46.5	185	18.3
185	44.8	180	17.2
190	43.1	174	16.1
195	41.4	169	15.1
200	39.6	163	14.1
205	37.7	156	13.2
210	35.7	149	12.3
215	33.6	142	11.5
220	31.5	134	10.7
225	29.1	125	9.9
230	26.6	115	9.2
235	23.8	104	8.5
240	20.6	91	7.8
245	16.8	76	7.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

258

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom</b>			
27	86	264	141.7
30	85.3	264	141.7
35	84.2	263	140.1
40	83.1	263	138.8
45	82	262	136.0
50	80.8	261	133.4
55	79.7	260	124.7
60	78.6	259	111.5
65	77.4	258	100.1
70	76.3	257	89.9
75	75.1	255	81.2
80	74	254	73.8
85	72.8	252	67.5
90	71.6	251	61.9
95	70.5	249	57.0
100	69.3	247	52.6
105	68.1	245	48.7
110	66.8	243	45.2
115	65.6	241	42.0
120	64.4	238	39.1
125	63.1	236	36.5
130	61.9	233	34.0
135	60.9	231	32.0
140	59.6	228	30.0
145	58.3	225	28.1
150	57	222	26.3
155	55.7	218	24.6
160	54.3	215	23.1
165	52.9	211	21.6
170	51.5	207	20.3
175	50	203	19.0
180	48.5	198	17.8
185	47	193	16.7
190	45.5	189	15.6
195	43.9	183	14.6
200	42.2	178	13.6
205	40.5	172	12.7
210	38.7	166	11.8
215	36.9	159	11.0
220	34.9	152	10.2
225	32.9	144	9.4
230	30.7	136	8.7
235	28.4	127	8.0
240	25.9	117	7.3
245	23.2	106	6.7
250	20.1	93	6.1
255	16.3	77	5.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

267

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>267 ft main boom</b>			
28	86	274	127.3
30	85.5	274	127.3
35	84.4	273	126.1
40	83.3	273	124.9
45	82.3	272	123.2
50	81.2	271	121.5
55	80.1	270	120.0
60	79	269	109.9
65	77.9	268	99.0
70	76.8	267	89.4
75	75.7	266	80.8
80	74.6	264	73.4
85	73.5	263	67.0
90	72.3	261	61.4
95	71.2	259	56.5
100	70.1	258	52.1
105	68.9	256	48.2
110	67.8	254	44.7
115	66.6	251	41.5
120	65.4	249	38.6
125	64.2	247	35.9
130	63	244	33.5
135	62.1	242	31.5
140	60.9	239	29.4
145	59.6	236	27.5
150	58.4	233	25.8
155	57.1	230	24.1
160	55.8	227	22.6
165	54.5	223	21.1
170	53.2	219	19.8
175	51.8	215	18.5
180	50.4	211	17.3
185	49	207	16.1
190	47.5	202	15.1
195	46	197	14.1
200	44.5	192	13.1
205	42.9	187	12.2
210	41.3	181	11.3
215	39.6	175	10.5
220	37.9	169	9.7
225	36.1	162	8.9
230	34.2	155	8.2
235	32.2	147	7.5
240	30.1	138	6.8
245	27.8	129	6.2
250	25.4	119	5.6
255	22.6	107	5.0
260	19.6	94	4.4
265	15.9	77	3.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

276

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>276 ft main boom</b>			
28	86	283	116.1
30	85.6	283	116.1
35	84.6	282	115.3
40	83.6	282	114.2
45	82.5	281	113.0
50	81.5	280	111.5
55	80.4	279	110.3
60	79.4	278	108.6
65	78.3	277	97.7
70	77.2	276	88.5
75	76.2	275	80.5
80	75.1	273	73.1
85	74	272	66.7
90	72.9	270	61.1
95	71.8	269	56.1
100	70.7	267	51.8
105	69.6	265	47.9
110	68.5	263	44.3
115	67.4	261	41.1
120	66.2	259	38.3
125	65.1	257	35.6
130	63.9	254	33.2
135	63.1	252	31.2
140	61.9	250	29.1
145	60.7	247	27.2
150	59.5	244	25.4
155	58.3	241	23.8
160	57.1	237	22.2
165	55.8	234	20.8
170	54.5	230	19.4
175	53.2	227	18.2
180	51.9	223	17.0
185	50.6	219	15.8
190	49.2	214	14.8
195	47.8	210	13.8
200	46.4	205	12.8
205	44.9	200	11.9
210	43.4	195	11.0
215	41.8	189	10.2
220	40.2	183	9.4
225	38.6	177	8.6
230	36.9	170	7.9
235	35.1	163	7.2
240	33.2	156	6.5
245	31.2	148	5.9
250	29.1	139	5.3
255	26.8	129	4.7
260	24.3	118	4.1
265	21.6	106	3.6
270	18.5	92	3.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

286

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>286 ft main boom</b>			
29	86	293	108.0
30	85.8	292	108.0
35	84.8	292	107.2
40	83.8	291	105.9
45	82.8	291	104.8
50	81.8	290	103.3
55	80.7	289	101.9
60	79.7	288	100.8
65	78.7	287	96.0
70	77.7	286	87.2
75	76.6	285	79.3
80	75.6	284	72.5
85	74.6	282	66.2
90	73.5	281	60.6
95	72.5	279	55.7
100	71.4	278	51.3
105	70.4	276	47.4
110	69.3	274	43.8
115	68.2	272	40.6
120	67.1	270	37.8
125	66	267	35.1
130	65.2	266	32.9
135	64.1	263	30.7
140	63	261	28.6
145	61.8	258	26.7
150	60.7	255	24.9
155	59.5	252	23.3
160	58.3	249	21.7
165	57.1	246	20.3
170	55.9	242	18.9
175	54.7	239	17.6
180	53.5	235	16.4
185	52.2	231	15.3
190	50.9	227	14.2
195	49.6	223	13.2
200	48.2	219	12.3
205	46.9	214	11.4
210	45.5	209	10.5
215	44	204	9.7
220	42.5	198	8.9
225	41	193	8.1
230	39.4	187	7.4
235	37.8	180	6.7
240	36.1	173	6.0
245	34.4	166	5.4
250	32.5	158	4.8
255	30.6	150	4.2
260	28.5	141	3.6
265	26.2	131	3.1
270	23.8	120	2.5



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

296

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>296 ft main boom</b>			
30	86	302	101.3
30	85.9	302	101.3
35	85	302	100.8
40	84	301	99.3
45	83	301	98.3
50	82	300	95.3
55	81.1	299	93.8
60	80.1	298	92.5
65	79.1	297	91.5
70	78.1	296	85.8
75	77.1	295	78.0
80	76.1	294	71.3
85	75.1	293	65.3
90	74.1	291	60.1
95	73.1	290	55.2
100	72.1	288	50.8
105	71	286	46.9
110	70	284	43.4
115	69	282	40.2
120	67.9	280	37.3
125	66.9	278	34.6
130	66.1	277	32.4
135	65	274	30.2
140	63.9	272	28.1
145	62.8	269	26.2
150	61.7	266	24.4
155	60.6	264	22.8
160	59.5	261	21.2
165	58.4	258	19.8
170	57.2	254	18.4
175	56.1	251	17.2
180	54.9	247	16.0
185	53.7	244	14.8
190	52.4	240	13.7
195	51.2	236	12.7
200	49.9	232	11.8
205	48.6	227	10.9
210	47.3	223	10.0
215	46	218	9.2
220	44.6	213	8.4
225	43.2	207	7.6
230	41.7	202	6.9
235	40.2	196	6.2
240	38.7	190	5.5
245	37.1	183	4.9
250	35.4	176	4.3
255	33.7	169	3.7
260	31.9	161	3.1
265	30	152	2.5

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	456.5
25	75.8	70	397.6
30	71.2	68	296.4
35	66.4	66	232.5
40	61.4	63	190.5
45	56.1	60	160.7
50	50.5	56	138.5
55	44.2	51	121.2
60	37.1	44	107.3
65	28.3	35	95.9

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	456.5
25	77.7	80	384.1
30	73.8	79	296.6
35	69.7	77	232.7
40	65.5	75	190.6
45	61.2	72	160.8
50	56.6	69	138.6
55	51.7	65	121.3
60	46.5	60	107.5
65	40.7	54	96.3
70	34.1	47	86.8
75	25.8	37	78.7

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	450.1
25	79	90	396.8
30	75.5	88	297.1
35	71.9	87	233.2
40	68.3	84	191.1
45	64.5	82	161.3
50	60.6	79	139.1
55	56.5	76	121.9
60	52.2	72	108.1
65	47.6	67	96.9
70	42.6	62	87.5
75	37	55	79.6
80	30.5	47	72.7
85	22.1	36	66.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	456.1
25	80.2	100	397.0
30	77.1	98	290.8
35	73.9	97	233.2
40	70.7	95	191.0
45	67.4	93	161.2
50	64	91	139.0
55	60.5	88	121.7
60	56.8	84	108.0
65	53	81	96.8
70	49	76	87.4
75	44.6	71	79.5
80	39.9	65	72.7
85	34.6	58	66.7
90	28.5	49	61.5
95	20.5	37	56.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	456.5
25	81.1	110	369.9
30	78.3	109	290.1
35	75.5	107	233.1
40	72.6	106	190.9
45	69.6	104	161.1
50	66.6	102	138.8
55	63.5	99	121.6
60	60.4	96	107.8
65	57.1	93	96.6
70	53.6	89	87.3
75	50.1	85	79.4
80	46.2	80	72.6
85	42.1	75	66.7
90	37.7	68	61.5
95	32.7	61	56.9
100	26.8	51	52.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	453.8
25	81.9	120	360.9
30	79.4	119	297.3
35	76.8	117	233.0
40	74.1	116	190.7
45	71.5	114	160.8
50	68.8	112	138.5
55	66	110	121.3
60	63.2	107	107.5
65	60.3	105	96.3
70	57.3	101	86.9
75	54.2	98	79.0
80	50.9	94	72.3
85	47.5	89	66.4
90	43.9	84	61.2
95	40	78	56.7
100	35.7	71	52.6
105	30.9	63	49.0
110	25.3	53	45.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	449.7
20	84.9	129	443.1
25	82.5	129	384.6
30	80.1	128	297.3
35	77.7	127	233.0
40	75.3	125	190.8
45	72.9	124	160.9
50	70.4	122	138.6
55	67.9	120	121.3
60	65.3	117	107.6
65	62.7	115	96.3
70	60	112	87.0
75	57.2	109	79.1
80	54.3	105	72.3
85	51.3	101	66.5
90	48.2	97	61.3
95	44.8	92	56.8
100	41.3	86	52.8
105	37.5	79	49.1
110	33.3	72	45.9
115	28.6	63	42.9
120	22.8	52	40.1



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	429.3
20	85.2	139	429.3
25	83.1	139	382.7
30	80.9	138	289.9
35	78.7	137	232.9
40	76.4	135	190.6
45	74.2	134	160.6
50	71.9	132	138.3
55	69.6	130	121.0
60	67.3	128	107.2
65	64.9	126	96.0
70	62.4	123	86.6
75	59.9	120	78.7
80	57.3	117	72.0
85	54.7	114	66.1
90	51.9	110	61.0
95	49.1	105	56.4
100	46.1	101	52.4
105	42.9	95	48.8
110	39.5	89	45.5
115	35.9	82	42.6
120	31.8	74	39.9
125	27.2	65	37.4
130	21.7	53	35.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	413.1
20	85.6	149	413.1
25	83.5	149	375.1
30	81.5	148	282.6
35	79.5	147	232.7
40	77.4	146	190.4
45	75.3	144	160.4
50	73.2	143	138.0
55	71.1	141	120.7
60	68.9	139	106.9
65	66.7	137	95.7
70	64.5	134	86.3
75	62.2	132	78.4
80	59.9	129	71.6
85	57.5	126	65.8
90	55	122	60.6
95	52.5	118	56.1
100	49.9	114	52.1
105	47.1	109	48.5
110	44.2	104	45.2
115	41.2	99	42.3
120	37.9	92	39.6
125	34.4	85	37.1
130	30.5	77	34.8
135	27.3	70	32.9
140	22.2	58	30.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	355.8
20	85.9	159	355.8
25	84	158	344.8
30	82.1	158	283.1
35	80.2	157	232.6
40	78.2	156	190.1
45	76.3	155	160.0
50	74.3	153	137.7
55	72.4	151	120.3
60	70.4	150	106.5
65	68.3	148	95.3
70	66.3	145	85.9
75	64.2	143	78.0
80	62	140	71.2
85	59.9	137	65.3
90	57.6	134	60.2
95	55.3	131	55.7
100	53	127	51.6
105	50.5	123	48.0
110	48	118	44.8
115	45.4	113	41.8
120	42.6	108	39.2
125	39.6	102	36.7
130	36.5	95	34.4
135	34	90	32.5
140	30.3	81	30.6
145	26.2	72	28.8
150	21.3	59	27.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	326.5
25	84.3	167	318.1
30	82.5	167	283.6
35	80.7	166	231.2
40	78.9	165	190.0
45	77.1	164	159.9
50	75.2	162	137.5
55	73.4	161	120.2
60	71.5	159	106.4
65	69.6	157	95.1
70	67.7	155	85.8
75	65.7	153	77.8
80	63.7	150	71.1
85	61.7	148	65.2
90	59.6	145	60.1
95	57.5	141	55.5
100	55.4	138	51.5
105	53.1	134	47.9
110	50.8	130	44.7
115	48.5	126	41.7
120	46	121	39.1
125	43.4	116	36.6
130	40.7	110	34.4
135	38.6	105	32.5
140	35.5	98	30.5
145	32.2	90	28.8
150	28.6	81	27.1
155	24.4	71	25.5
160	19.4	58	24.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 166.0  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	302.3
25	84.6	177	298.6
30	82.9	177	279.4
35	81.2	176	228.1
40	79.5	175	189.7
45	77.8	174	159.6
50	76.1	173	137.2
55	74.4	171	119.8
60	72.6	169	106.0
65	70.8	168	94.7
70	69	166	85.3
75	67.2	164	77.4
80	65.3	161	70.6
85	63.5	159	64.8
90	61.6	156	59.6
95	59.6	153	55.1
100	57.6	150	51.1
105	55.6	147	47.5
110	53.5	143	44.2
115	51.4	139	41.3
120	49.1	134	38.6
125	46.8	130	36.2
130	44.5	125	33.9
135	42.6	121	32.0
140	40	115	30.1
145	37.3	108	28.3
150	34.3	101	26.7
155	31.1	93	25.1
160	27.6	83	23.7
165	23.5	72	22.3
170	18.6	59	20.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	292.7
25	84.9	187	290.5
30	83.3	187	275.3
35	81.7	186	225.0
40	80.1	185	189.4
45	78.5	184	159.3
50	76.9	183	136.9
55	75.2	181	119.5
60	73.6	180	105.6
65	71.9	178	94.4
70	70.2	176	85.0
75	68.5	174	77.0
80	66.8	172	70.2
85	65	170	64.4
90	63.3	167	59.2
95	61.5	165	54.7
100	59.6	162	50.7
105	57.7	158	47.1
110	55.8	155	43.8
115	53.8	151	40.9
120	51.8	147	38.2
125	49.8	143	35.8
130	47.6	139	33.5
135	46	135	31.6
140	43.7	130	29.7
145	41.3	124	27.9
150	38.8	118	26.3
155	36.1	111	24.7
160	33.2	104	23.3
165	30.1	95	21.9
170	26.7	85	20.6
175	22.7	74	19.4
180	17.9	60	18.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	260.5
25	85.2	197	260.5
30	83.7	197	249.2
35	82.2	196	221.9
40	80.6	195	186.9
45	79.1	194	159.0
50	77.6	193	136.5
55	76	192	119.1
60	74.4	190	105.2
65	72.9	189	93.9
70	71.3	187	84.5
75	69.7	185	76.6
80	68.1	183	69.8
85	66.4	181	63.9
90	64.8	178	58.7
95	63.1	176	54.2
100	61.3	173	50.2
105	59.6	170	46.6
110	57.8	167	43.3
115	56	164	40.4
120	54.2	160	37.7
125	52.3	156	35.3
130	50.8	153	33.0
135	48.8	149	31.1
140	46.8	144	29.2
145	44.6	139	27.5
150	42.4	133	25.8
155	40.1	127	24.3
160	37.6	121	22.8
165	35	114	21.5
170	32.2	106	20.2
175	29.2	97	19.0
180	25.8	87	17.8
185	21.9	75	16.7
190	17.2	61	15.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	234.2
30	84	205	226.0
35	82.5	205	212.0
40	81.1	204	182.5
45	79.6	203	158.8
50	78.1	202	136.3
55	76.6	201	118.9
60	75.2	199	105.0
65	73.7	198	93.7
70	72.2	196	84.3
75	70.6	194	76.3
80	69.1	193	69.5
85	67.5	190	63.7
90	66	188	58.5
95	64.4	186	54.0
100	62.7	183	49.9
105	61.1	180	46.3
110	59.4	177	43.1
115	57.7	174	40.2
120	56	171	37.5
125	54.2	167	35.0
130	52.9	164	33.0
135	51	160	30.9
140	49.1	156	29.0
145	47.2	151	27.3
150	45.2	146	25.6
155	43.1	141	24.1
160	40.9	135	22.6
165	38.6	129	21.3
170	36.1	122	20.0
175	33.6	115	18.8
180	30.8	107	17.7
185	27.8	97	16.6
190	24.4	87	15.6
195	20.4	74	14.6
200	15.5	58	13.6



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	215.7
30	84.2	215	209.4
35	82.9	215	202.2
40	81.5	214	178.6
45	80.1	213	157.0
50	78.7	212	136.0
55	77.3	211	118.5
60	75.9	210	104.6
65	74.5	208	93.3
70	73	207	83.9
75	71.6	205	75.9
80	70.1	203	69.1
85	68.6	201	63.2
90	67.2	199	58.1
95	65.7	197	53.5
100	64.1	194	49.5
105	62.6	192	45.9
110	61	189	42.6
115	59.4	186	39.7
120	57.8	183	37.0
125	56.2	179	34.6
130	54.9	177	32.5
135	53.2	173	30.5
140	51.5	169	28.5
145	49.7	165	26.8
150	47.8	160	25.1
155	45.9	155	23.6
160	43.9	150	22.2
165	41.9	145	20.8
170	39.8	139	19.5
175	37.5	132	18.4
180	35.2	125	17.2
185	32.6	117	16.2
190	29.9	109	15.1
195	27	99	14.2
200	23.7	88	13.3
205	19.8	75	12.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	196.7
35	83.2	225	189.7
40	81.9	224	177.4
45	80.5	223	154.9
50	79.2	222	135.4
55	77.9	221	118.1
60	76.5	220	104.2
65	75.2	218	92.9
70	73.8	217	83.5
75	72.4	215	75.5
80	71.1	214	68.7
85	69.7	212	62.8
90	68.2	210	57.6
95	66.8	208	53.1
100	65.4	205	49.0
105	63.9	203	45.4
110	62.4	200	42.2
115	61	197	39.2
120	59.4	194	36.5
125	57.9	191	34.1
130	56.7	189	32.1
135	55.1	185	30.0
140	53.5	182	28.1
145	51.8	178	26.3
150	50.1	173	24.7
155	48.4	169	23.1
160	46.6	164	21.7
165	44.7	159	20.4
170	42.8	154	19.1
175	40.8	148	17.9
180	38.7	142	16.8
185	36.6	135	15.7
190	34.2	128	14.7
195	31.8	120	13.8
200	29.1	111	12.8
205	26.2	101	12.0
210	23	90	11.1
215	19.2	76	10.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	178.0
35	83.5	235	172.4
40	82.2	234	165.3
45	81	233	151.8
50	79.7	232	133.6
55	78.4	231	117.8
60	77.1	230	103.8
65	75.8	229	92.5
70	74.5	227	83.0
75	73.2	226	75.0
80	71.9	224	68.2
85	70.6	222	62.3
90	69.2	220	57.1
95	67.9	218	52.6
100	66.5	216	48.5
105	65.1	214	44.9
110	63.7	211	41.6
115	62.3	209	38.7
120	60.9	206	36.0
125	59.4	203	33.6
130	58.3	201	31.6
135	56.9	197	29.5
140	55.3	194	27.6
145	53.8	190	25.8
150	52.2	186	24.2
155	50.6	182	22.6
160	48.9	178	21.2
165	47.2	173	19.8
170	45.4	168	18.6
175	43.6	163	17.4
180	41.8	157	16.3
185	39.8	151	15.2
190	37.8	145	14.2
195	35.6	138	13.3
200	33.4	131	12.4
205	31	122	11.5
210	28.4	113	10.7
215	25.5	103	9.9
220	22.3	91	9.1
225	18.6	77	8.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	162.2
35	83.7	243	156.5
40	82.5	243	153.3
45	81.3	242	146.9
50	80.1	241	132.0
55	78.8	240	116.8
60	77.6	239	103.5
65	76.4	238	92.2
70	75.1	236	82.7
75	73.9	235	74.7
80	72.6	233	67.9
85	71.3	232	62.0
90	70	230	56.8
95	68.7	228	52.3
100	67.4	226	48.2
105	66.1	224	44.6
110	64.8	221	41.4
115	63.4	219	38.4
120	62.1	216	35.7
125	60.7	213	33.3
130	59.7	211	31.3
135	58.2	208	29.2
140	56.8	205	27.3
145	55.3	201	25.5
150	53.8	197	23.9
155	52.3	194	22.3
160	50.8	189	20.9
165	49.2	185	19.6
170	47.5	181	18.3
175	45.9	176	17.1
180	44.1	171	16.0
185	42.3	165	15.0
190	40.5	159	14.0
195	38.6	153	13.0
200	36.6	146	12.1
205	34.4	139	11.3
210	32.2	131	10.4
215	29.8	123	9.7
220	27.2	113	8.9
225	24.4	102	8.2
230	21.1	90	7.5
235	17.3	75	6.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	147.8
40	82.8	253	145.7
45	81.6	252	141.2
50	80.5	251	130.2
55	79.3	250	115.2
60	78.1	249	102.8
65	76.9	248	91.8
70	75.7	247	82.3
75	74.5	245	74.3
80	73.3	244	67.5
85	72.1	242	61.5
90	70.9	240	56.4
95	69.6	238	51.8
100	68.4	236	47.8
105	67.1	234	44.1
110	65.9	232	40.9
115	64.6	230	37.9
120	63.3	227	35.2
125	62.3	225	33.0
130	61	222	30.8
135	59.7	219	28.7
140	58.3	216	26.8
145	56.9	213	25.0
150	55.5	210	23.4
155	54.1	206	21.8
160	52.6	202	20.4
165	51.1	198	19.1
170	49.6	194	17.8
175	48.1	189	16.6
180	46.5	185	15.5
185	44.8	180	14.5
190	43.1	174	13.5
195	41.4	169	12.5
200	39.6	163	11.6
205	37.7	156	10.8
210	35.7	149	9.9
215	33.6	142	9.2
220	31.5	134	8.4
225	29.1	125	7.7
230	26.6	115	7.0
235	23.8	104	6.4
240	20.6	91	5.7
245	16.8	76	5.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

258

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom</b>			
27	86	264	141.7
30	85.3	264	141.7
35	84.2	263	140.1
40	83.1	263	138.8
45	82	262	136.0
50	80.8	261	128.4
55	79.7	260	113.5
60	78.6	259	101.3
65	77.4	258	91.1
70	76.3	257	81.9
75	75.1	255	73.9
80	74	254	67.0
85	72.8	252	61.1
90	71.6	251	55.9
95	70.5	249	51.3
100	69.3	247	47.3
105	68.1	245	43.7
110	66.8	243	40.4
115	65.6	241	37.5
120	64.4	238	34.8
125	63.5	236	32.6
130	62.2	234	30.3
135	60.9	231	28.2
140	59.6	228	26.3
145	58.3	225	24.5
150	57	222	22.9
155	55.7	218	21.4
160	54.3	215	19.9
165	52.9	211	18.6
170	51.5	207	17.3
175	50	203	16.1
180	48.5	198	15.0
185	47	193	14.0
190	45.5	189	13.0
195	43.9	183	12.0
200	42.2	178	11.1
205	40.5	172	10.3
210	38.7	166	9.5
215	36.9	159	8.7
220	34.9	152	8.0
225	32.9	144	7.2
230	30.7	136	6.6
235	28.4	127	5.9
240	25.9	117	5.3
245	23.2	106	4.7
250	20.1	93	4.1
255	16.3	77	3.5

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

267

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>267 ft main boom</b>			
28	86	274	127.3
30	85.5	274	127.3
35	84.4	273	126.1
40	83.3	273	124.9
45	82.3	272	123.2
50	81.2	271	121.5
55	80.1	270	111.9
60	79	269	99.8
65	77.9	268	89.7
70	76.8	267	81.1
75	75.7	266	73.4
80	74.6	264	66.6
85	73.5	263	60.6
90	72.3	261	55.4
95	71.2	259	50.9
100	70.1	258	46.8
105	68.9	256	43.2
110	67.8	254	39.9
115	66.6	251	36.9
120	65.4	249	34.2
125	64.5	247	32.0
130	63.3	245	29.8
135	62.1	242	27.7
140	60.9	239	25.8
145	59.6	236	24.0
150	58.4	233	22.4
155	57.1	230	20.8
160	55.8	227	19.4
165	54.5	223	18.0
170	53.2	219	16.8
175	51.8	215	15.6
180	50.4	211	14.5
185	49	207	13.4
190	47.5	202	12.4
195	46	197	11.5
200	44.5	192	10.6
205	42.9	187	9.7
210	41.3	181	8.9
215	39.6	175	8.2
220	37.9	169	7.4
225	36.1	162	6.7
230	34.2	155	6.0
235	32.2	147	5.4
240	30.1	138	4.8
245	27.8	129	4.2
250	25.4	119	3.6
255	22.6	107	3.0
260	19.6	94	2.5

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

276

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>276 ft main boom</b>			
28	86	283	116.1
30	85.6	283	116.1
35	84.6	282	115.3
40	83.6	282	114.2
45	82.5	281	113.0
50	81.5	280	111.5
55	80.4	279	110.3
60	79.4	278	98.5
65	78.3	277	88.5
70	77.2	276	80.0
75	76.2	275	72.6
80	75.1	273	66.2
85	74	272	60.3
90	72.9	270	55.1
95	71.8	269	50.5
100	70.7	267	46.5
105	69.6	265	42.8
110	68.5	263	39.6
115	67.4	261	36.6
120	66.2	259	33.9
125	65.4	257	31.7
130	64.3	255	29.5
135	63.1	252	27.4
140	61.9	250	25.5
145	60.7	247	23.7
150	59.5	244	22.1
155	58.3	241	20.5
160	57.1	237	19.1
165	55.8	234	17.7
170	54.5	230	16.5
175	53.2	227	15.3
180	51.9	223	14.2
185	50.6	219	13.1
190	49.2	214	12.1
195	47.8	210	11.2
200	46.4	205	10.3
205	44.9	200	9.4
210	43.4	195	8.6
215	41.8	189	7.9
220	40.2	183	7.1
225	38.6	177	6.4
230	36.9	170	5.8
235	35.1	163	5.1
240	33.2	156	4.5
245	31.2	148	3.9
250	29.1	139	3.3
255	26.8	129	2.8
260	24.3	118	2.2



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

286

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>286 ft main boom</b>			
29	86	293	108.0
30	85.8	292	108.0
35	84.8	292	107.2
40	83.8	291	105.9
45	82.8	291	104.8
50	81.8	290	103.3
55	80.7	289	101.9
60	79.7	288	97.0
65	78.7	287	87.1
70	77.7	286	78.6
75	76.6	285	71.4
80	75.6	284	65.1
85	74.6	282	59.5
90	73.5	281	54.6
95	72.5	279	50.1
100	71.4	278	46.0
105	70.4	276	42.3
110	69.3	274	39.1
115	68.2	272	36.1
120	67.1	270	33.4
125	66.3	268	31.2
130	65.2	266	29.0
135	64.1	263	26.9
140	63	261	25.0
145	61.8	258	23.2
150	60.7	255	21.5
155	59.5	252	20.0
160	58.3	249	18.6
165	57.1	246	17.2
170	55.9	242	16.0
175	54.7	239	14.8
180	53.5	235	13.7
185	52.2	231	12.6
190	50.9	227	11.6
195	49.6	223	10.7
200	48.2	219	9.8
205	46.9	214	8.9
210	45.5	209	8.1
215	44	204	7.3
220	42.5	198	6.6
225	41	193	5.9
230	39.4	187	5.2
235	37.8	180	4.5
240	36.1	173	3.9
245	34.4	166	3.3
250	32.5	158	2.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

296

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>296 ft main boom</b>			
30	86	302	101.3
30	85.9	302	101.3
35	85	302	100.8
40	84	301	99.3
45	83	301	98.3
50	82	300	95.3
55	81.1	299	93.8
60	80.1	298	92.5
65	79.1	297	85.6
70	78.1	296	77.3
75	77.1	295	70.1
80	76.1	294	63.9
85	75.1	293	58.4
90	74.1	291	53.5
95	73.1	290	49.2
100	72.1	288	45.3
105	71	286	41.8
110	70	284	38.6
115	69	282	35.6
120	68.2	281	33.0
125	67.1	279	30.7
130	66.1	277	28.5
135	65	274	26.4
140	63.9	272	24.5
145	62.8	269	22.7
150	61.7	266	21.0
155	60.6	264	19.5
160	59.5	261	18.1
165	58.4	258	16.7
170	57.2	254	15.5
175	56.1	251	14.3
180	54.9	247	13.1
185	53.7	244	12.0
190	52.4	240	11.0
195	51.2	236	10.0
200	49.9	232	9.1
205	48.6	227	8.3
210	47.3	223	7.4
215	46	218	6.6
220	44.6	213	5.9
225	43.2	207	5.1
230	41.7	202	4.5
235	40.2	196	3.8
240	38.7	190	3.2
245	37.1	183	2.5

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	456.5
25	75.8	70	371.9
30	71.2	68	271.8
35	66.4	66	213.0
40	61.4	63	174.3
45	56.1	60	146.9
50	50.5	56	126.4
55	44.2	51	110.5
60	37.1	44	97.7
65	28.3	35	87.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	456.5
25	77.7	80	368.7
30	73.8	79	272.0
35	69.7	77	213.2
40	65.5	75	174.4
45	61.2	72	147.0
50	56.6	69	126.5
55	51.7	65	110.6
60	46.5	60	97.9
65	40.7	54	87.5
70	34.1	47	78.8
75	25.8	37	71.4

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	450.1
25	79	90	372.9
30	75.5	88	272.5
35	71.9	87	213.7
40	68.3	84	174.9
45	64.5	82	147.5
50	60.6	79	127.1
55	56.5	76	111.2
60	52.2	72	98.5
65	47.6	67	88.2
70	42.6	62	79.5
75	37	55	72.2
80	30.5	47	65.9
85	22.1	36	60.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	456.1
25	80.2	100	373.2
30	77.1	98	272.6
35	73.9	97	213.6
40	70.7	95	174.9
45	67.4	93	147.4
50	64	91	126.9
55	60.5	88	111.1
60	56.8	84	98.4
65	53	81	88.0
70	49	76	79.4
75	44.6	71	72.1
80	39.9	65	65.9
85	34.6	58	60.4
90	28.5	49	55.6
95	20.5	37	51.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	456.5
25	81.1	110	369.2
30	78.3	109	269.3
35	75.5	107	213.6
40	72.6	106	174.8
45	69.6	104	147.3
50	66.6	102	126.8
55	63.5	99	110.9
60	60.4	96	98.2
65	57.1	93	87.9
70	53.6	89	79.3
75	50.1	85	72.0
80	46.2	80	65.8
85	42.1	75	60.3
90	37.7	68	55.6
95	32.7	61	51.3
100	26.8	51	47.5

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	453.8
25	81.9	120	360.9
30	79.4	119	272.7
35	76.8	117	213.5
40	74.1	116	174.6
45	71.5	114	147.0
50	68.8	112	126.5
55	66	110	110.6
60	63.2	107	97.9
65	60.3	105	87.6
70	57.3	101	79.0
75	54.2	98	71.7
80	50.9	94	65.4
85	47.5	89	60.0
90	43.9	84	55.3
95	40	78	51.1
100	35.7	71	47.3
105	30.9	63	43.9
110	25.3	53	40.9



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	449.7
20	84.9	129	443.1
25	82.5	129	357.1
30	80.1	128	272.7
35	77.7	127	213.5
40	75.3	125	174.6
45	72.9	124	147.1
50	70.4	122	126.5
55	67.9	120	110.6
60	65.3	117	98.0
65	62.7	115	87.6
70	60	112	79.0
75	57.2	109	71.8
80	54.3	105	65.5
85	51.3	101	60.1
90	48.2	97	55.4
95	44.8	92	51.2
100	41.3	86	47.5
105	37.5	79	44.1
110	33.3	72	41.1
115	28.6	63	38.3
120	22.8	52	35.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 143.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	429.3
20	85.2	139	429.3
25	83.1	139	350.9
30	80.9	138	271.1
35	78.7	137	213.4
40	76.4	135	174.4
45	74.2	134	146.8
50	71.9	132	126.2
55	69.6	130	110.3
60	67.3	128	97.6
65	64.9	126	87.3
70	62.4	123	78.7
75	59.9	120	71.4
80	57.3	117	65.2
85	54.7	114	59.7
90	51.9	110	55.0
95	49.1	105	50.8
100	46.1	101	47.1
105	42.9	95	43.8
110	39.5	89	40.8
115	35.9	82	38.0
120	31.8	74	35.5
125	27.2	65	33.2
130	23.3	57	31.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	413.1
20	85.6	149	413.1
25	83.5	149	344.7
30	81.5	148	267.0
35	79.5	147	213.2
40	77.4	146	174.2
45	75.3	144	146.5
50	73.2	143	126.0
55	71.1	141	110.0
60	68.9	139	97.3
65	66.7	137	87.0
70	64.5	134	78.3
75	62.2	132	71.1
80	59.9	129	64.8
85	57.5	126	59.4
90	55	122	54.7
95	52.5	118	50.5
100	49.9	114	46.8
105	47.1	109	43.5
110	44.2	104	40.5
115	41.2	99	37.7
120	37.9	92	35.3
125	35.4	87	33.0
130	31.6	79	31.1
135	27.3	70	29.1
140	22.2	58	27.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	355.8
20	85.9	159	355.8
25	84	158	338.7
30	82.1	158	263.0
35	80.2	157	213.0
40	78.2	156	173.9
45	76.3	155	146.2
50	74.3	153	125.6
55	72.4	151	109.7
60	70.4	150	96.9
65	68.3	148	86.5
70	66.3	145	77.9
75	64.2	143	70.6
80	62	140	64.4
85	59.9	137	59.0
90	57.6	134	54.2
95	55.3	131	50.1
100	53	127	46.3
105	50.5	123	43.0
110	48	118	40.0
115	45.4	113	37.3
120	42.6	108	34.8
125	40.4	104	32.8
130	37.3	97	30.7
135	34	90	28.7
140	30.3	81	26.9
145	26.2	72	25.3
150	21.3	59	23.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	326.5
25	84.3	167	318.1
30	82.5	167	259.5
35	80.7	166	211.3
40	78.9	165	173.8
45	77.1	164	146.1
50	75.2	162	125.5
55	73.4	161	109.5
60	71.5	159	96.8
65	69.6	157	86.4
70	67.7	155	77.8
75	65.7	153	70.5
80	63.7	150	64.2
85	61.7	148	58.8
90	59.6	145	54.1
95	57.5	141	49.9
100	55.4	138	46.2
105	53.1	134	42.9
110	50.8	130	39.9
115	48.5	126	37.2
120	46	121	34.7
125	44.1	117	32.7
130	41.4	111	30.6
135	38.6	105	28.7
140	35.5	98	26.9
145	32.2	90	25.2
150	28.6	81	23.7
155	24.4	71	22.2
160	19.4	58	20.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	302.3
25	84.6	177	298.6
30	82.9	177	255.6
35	81.2	176	208.4
40	79.5	175	173.6
45	77.8	174	145.8
50	76.1	173	125.2
55	74.4	171	109.2
60	72.6	169	96.4
65	70.8	168	86.0
70	69	166	77.4
75	67.2	164	70.1
80	65.3	161	63.8
85	63.5	159	58.4
90	61.6	156	53.7
95	59.6	153	49.5
100	57.6	150	45.8
105	55.6	147	42.5
110	53.5	143	39.5
115	51.4	139	36.8
120	49.1	134	34.3
125	47.5	131	32.2
130	45.1	126	30.2
135	42.6	121	28.2
140	40	115	26.5
145	37.3	108	24.8
150	34.3	101	23.3
155	31.1	93	21.8
160	27.6	83	20.5
165	23.5	72	19.2
170	18.6	59	18.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	292.7
25	84.9	187	290.5
30	83.3	187	251.7
35	81.7	186	205.5
40	80.1	185	172.7
45	78.5	184	145.5
50	76.9	183	124.8
55	75.2	181	108.8
60	73.6	180	96.1
65	71.9	178	85.6
70	70.2	176	77.0
75	68.5	174	69.7
80	66.8	172	63.4
85	65	170	58.0
90	63.3	167	53.3
95	61.5	165	49.1
100	59.6	162	45.4
105	57.7	158	42.0
110	55.8	155	39.1
115	53.8	151	36.3
120	51.8	147	33.9
125	50.3	144	31.8
130	48.2	140	29.8
135	46	135	27.8
140	43.7	130	26.1
145	41.3	124	24.4
150	38.8	118	22.9
155	36.1	111	21.5
160	33.2	104	20.1
165	30.1	95	18.9
170	26.7	85	17.7
175	22.7	74	16.5
180	17.9	60	15.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	260.5
25	85.2	197	260.5
30	83.7	197	247.8
35	82.2	196	202.6
40	80.6	195	170.4
45	79.1	194	145.2
50	77.6	193	124.5
55	76	192	108.4
60	74.4	190	95.6
65	72.9	189	85.2
70	71.3	187	76.5
75	69.7	185	69.2
80	68.1	183	62.9
85	66.4	181	57.5
90	64.8	178	52.8
95	63.1	176	48.6
100	61.3	173	44.9
105	59.6	170	41.5
110	57.8	167	38.6
115	56	164	35.8
120	54.2	160	33.4
125	52.8	157	31.3
130	50.8	153	29.3
135	48.8	149	27.3
140	46.8	144	25.6
145	44.6	139	23.9
150	42.4	133	22.4
155	40.1	127	21.0
160	37.6	121	19.7
165	35	114	18.4
170	32.2	106	17.2
175	29.2	97	16.1
180	25.8	87	15.0
185	21.9	75	14.0
190	17.2	61	13.0



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	234.2
30	84	205	226.0
35	82.5	205	200.0
40	81.1	204	168.3
45	79.6	203	144.6
50	78.1	202	124.2
55	76.6	201	108.2
60	75.2	199	95.4
65	73.7	198	85.0
70	72.2	196	76.3
75	70.6	194	69.0
80	69.1	193	62.7
85	67.5	190	57.3
90	66	188	52.6
95	64.4	186	48.4
100	62.7	183	44.7
105	61.1	180	41.3
110	59.4	177	38.3
115	57.7	174	35.6
120	56	171	33.2
125	54.7	168	31.1
130	52.9	164	29.1
135	51	160	27.1
140	49.1	156	25.4
145	47.2	151	23.7
150	45.2	146	22.2
155	43.1	141	20.8
160	40.9	135	19.5
165	38.6	129	18.2
170	36.1	122	17.1
175	33.6	115	15.9
180	30.8	107	14.9
185	27.8	97	13.9
190	24.4	87	13.0
195	20.4	74	12.0
200	15.5	58	11.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	215.7
30	84.2	215	209.4
35	82.9	215	197.1
40	81.5	214	166.0
45	80.1	213	142.7
50	78.7	212	123.9
55	77.3	211	107.8
60	75.9	210	95.0
65	74.5	208	84.6
70	73	207	75.9
75	71.6	205	68.6
80	70.1	203	62.3
85	68.6	201	56.8
90	67.2	199	52.1
95	65.7	197	47.9
100	64.1	194	44.2
105	62.6	192	40.8
110	61	189	37.9
115	59.4	186	35.1
120	58.2	184	32.9
125	56.6	180	30.6
130	54.9	177	28.6
135	53.2	173	26.7
140	51.5	169	24.9
145	49.7	165	23.3
150	47.8	160	21.7
155	45.9	155	20.3
160	43.9	150	19.0
165	41.9	145	17.7
170	39.8	139	16.6
175	37.5	132	15.5
180	35.2	125	14.4
185	32.6	117	13.4
190	29.9	109	12.5
195	27	99	11.6
200	23.7	88	10.8
205	19.8	75	9.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	196.7
35	83.2	225	189.7
40	81.9	224	163.7
45	80.5	223	140.7
50	79.2	222	122.8
55	77.9	221	107.5
60	76.5	220	94.6
65	75.2	218	84.2
70	73.8	217	75.5
75	72.4	215	68.1
80	71.1	214	61.8
85	69.7	212	56.4
90	68.2	210	51.6
95	66.8	208	47.5
100	65.4	205	43.7
105	63.9	203	40.4
110	62.4	200	37.4
115	61	197	34.7
120	59.8	195	32.4
125	58.3	192	30.2
130	56.7	189	28.1
135	55.1	185	26.2
140	53.5	182	24.4
145	51.8	178	22.8
150	50.1	173	21.3
155	48.4	169	19.9
160	46.6	164	18.5
165	44.7	159	17.3
170	42.8	154	16.1
175	40.8	148	15.0
180	38.7	142	14.0
185	36.6	135	13.0
190	34.2	128	12.1
195	31.8	120	11.2
200	29.1	111	10.4
205	26.2	101	9.5
210	23	90	8.8
215	19.2	76	8.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	178.0
35	83.5	235	172.4
40	82.2	234	161.3
45	81	233	138.7
50	79.7	232	121.0
55	78.4	231	106.8
60	77.1	230	94.2
65	75.8	229	83.7
70	74.5	227	75.0
75	73.2	226	67.7
80	71.9	224	61.4
85	70.6	222	55.9
90	69.2	220	51.2
95	67.9	218	47.0
100	66.5	216	43.2
105	65.1	214	39.9
110	63.7	211	36.9
115	62.3	209	34.2
120	61.3	207	31.9
125	59.8	204	29.7
130	58.3	201	27.6
135	56.9	197	25.7
140	55.3	194	23.9
145	53.8	190	22.3
150	52.2	186	20.8
155	50.6	182	19.3
160	48.9	178	18.0
165	47.2	173	16.8
170	45.4	168	15.6
175	43.6	163	14.5
180	41.8	157	13.5
185	39.8	151	12.5
190	37.8	145	11.6
195	35.6	138	10.7
200	33.4	131	9.9
205	31	122	9.1
210	28.4	113	8.3
215	25.5	103	7.6
220	22.3	91	6.9
225	18.6	77	6.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	162.2
35	83.7	243	156.5
40	82.5	243	153.3
45	81.3	242	137.0
50	80.1	241	119.5
55	78.8	240	105.5
60	77.6	239	93.9
65	76.4	238	83.5
70	75.1	236	74.7
75	73.9	235	67.4
80	72.6	233	61.1
85	71.3	232	55.6
90	70	230	50.9
95	68.7	228	46.7
100	67.4	226	42.9
105	66.1	224	39.6
110	64.8	221	36.6
115	63.4	219	33.9
120	62.4	217	31.7
125	61.1	214	29.4
130	59.7	211	27.3
135	58.2	208	25.4
140	56.8	205	23.6
145	55.3	201	22.0
150	53.8	197	20.5
155	52.3	194	19.1
160	50.8	189	17.8
165	49.2	185	16.5
170	47.5	181	15.4
175	45.9	176	14.3
180	44.1	171	13.2
185	42.3	165	12.2
190	40.5	159	11.3
195	38.6	153	10.4
200	36.6	146	9.6
205	34.4	139	8.8
210	32.2	131	8.1
215	29.8	123	7.3
220	27.2	113	6.6
225	24.4	102	6.0
230	21.1	90	5.3
235	17.3	75	4.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	147.8
40	82.8	253	145.7
45	81.6	252	135.0
50	80.5	251	117.8
55	79.3	250	104.0
60	78.1	249	92.6
65	76.9	248	83.1
70	75.7	247	74.3
75	74.5	245	67.0
80	73.3	244	60.6
85	72.1	242	55.2
90	70.9	240	50.4
95	69.6	238	46.2
100	68.4	236	42.5
105	67.1	234	39.1
110	65.9	232	36.1
115	64.6	230	33.4
120	63.6	228	31.2
125	62.3	225	28.9
130	61	222	26.8
135	59.7	219	24.9
140	58.3	216	23.1
145	56.9	213	21.5
150	55.5	210	20.0
155	54.1	206	18.6
160	52.6	202	17.2
165	51.1	198	16.0
170	49.6	194	14.8
175	48.1	189	13.7
180	46.5	185	12.7
185	44.8	180	11.7
190	43.1	174	10.8
195	41.4	169	9.9
200	39.6	163	9.1
205	37.7	156	8.3
210	35.7	149	7.6
215	33.6	142	6.8
220	31.5	134	6.2
225	29.1	125	5.5
230	26.6	115	4.9
235	23.8	104	4.2
240	20.6	91	3.7
245	16.8	76	3.1

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

258

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom</b>			
27	86	264	141.7
30	85.3	264	141.7
35	84.2	263	140.1
40	83.1	263	138.8
45	82	262	133.0
50	80.8	261	116.0
55	79.7	260	102.4
60	78.6	259	91.1
65	77.4	258	81.7
70	76.3	257	73.8
75	75.1	255	66.5
80	74	254	60.2
85	72.8	252	54.7
90	71.6	251	50.0
95	70.5	249	45.7
100	69.3	247	42.0
105	68.1	245	38.7
110	66.8	243	35.6
115	65.9	241	33.0
120	64.7	239	30.7
125	63.5	236	28.4
130	62.2	234	26.3
135	60.9	231	24.4
140	59.6	228	22.7
145	58.3	225	21.0
150	57	222	19.5
155	55.7	218	18.1
160	54.3	215	16.8
165	52.9	211	15.5
170	51.5	207	14.4
175	50	203	13.3
180	48.5	198	12.2
185	47	193	11.3
190	45.5	189	10.3
195	43.9	183	9.5
200	42.2	178	8.6
205	40.5	172	7.9
210	38.7	166	7.1
215	36.9	159	6.4
220	34.9	152	5.7
225	32.9	144	5.0
230	30.7	136	4.4
235	28.4	127	3.8
240	25.9	117	3.2
245	23.2	106	2.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

267

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>267 ft main boom</b>			
28	86	274	127.3
30	85.5	274	127.3
35	84.4	273	126.1
40	83.3	273	124.9
45	82.3	272	123.2
50	81.2	271	114.2
55	80.1	270	100.8
60	79	269	89.7
65	77.9	268	80.4
70	76.8	267	72.5
75	75.7	266	65.7
80	74.6	264	59.7
85	73.5	263	54.3
90	72.3	261	49.5
95	71.2	259	45.2
100	70.1	258	41.5
105	68.9	256	38.1
110	67.8	254	35.1
115	66.9	252	32.7
120	65.7	250	30.2
125	64.5	247	27.9
130	63.3	245	25.8
135	62.1	242	23.9
140	60.9	239	22.1
145	59.6	236	20.5
150	58.4	233	19.0
155	57.1	230	17.6
160	55.8	227	16.2
165	54.5	223	15.0
170	53.2	219	13.8
175	51.8	215	12.7
180	50.4	211	11.7
185	49	207	10.7
190	47.5	202	9.8
195	46	197	8.9
200	44.5	192	8.1
205	42.9	187	7.3
210	41.3	181	6.6
215	39.6	175	5.9
220	37.9	169	5.2
225	36.1	162	4.5
230	34.2	155	3.9
235	32.2	147	3.3
240	30.1	138	2.7



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

276

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>276 ft main boom</b>			
28	86	283	116.1
30	85.6	283	116.1
35	84.6	282	115.3
40	83.6	282	114.2
45	82.5	281	113.0
50	81.5	280	111.5
55	80.4	279	99.4
60	79.4	278	88.4
65	78.3	277	79.2
70	77.2	276	71.4
75	76.2	275	64.7
80	75.1	273	58.8
85	74	272	53.7
90	72.9	270	49.1
95	71.8	269	44.9
100	70.7	267	41.2
105	69.6	265	37.8
110	68.5	263	34.8
115	67.7	262	32.4
120	66.5	259	29.9
125	65.4	257	27.6
130	64.3	255	25.5
135	63.1	252	23.6
140	61.9	250	21.8
145	60.7	247	20.2
150	59.5	244	18.7
155	58.3	241	17.2
160	57.1	237	15.9
165	55.8	234	14.7
170	54.5	230	13.5
175	53.2	227	12.4
180	51.9	223	11.4
185	50.6	219	10.4
190	49.2	214	9.5
195	47.8	210	8.6
200	46.4	205	7.8
205	44.9	200	7.0
210	43.4	195	6.2
215	41.8	189	5.5
220	40.2	183	4.8
225	38.6	177	4.1
230	36.9	170	3.5
235	35.1	163	2.8
240	33.2	156	2.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

286

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>286 ft main boom</b>			
29	86	293	108.0
30	85.8	292	108.0
35	84.8	292	107.2
40	83.8	291	105.9
45	82.8	291	104.8
50	81.8	290	103.3
55	80.7	289	97.8
60	79.7	288	86.9
65	78.7	287	77.8
70	77.7	286	70.1
75	76.6	285	63.4
80	75.6	284	57.6
85	74.6	282	52.5
90	73.5	281	48.0
95	72.5	279	44.0
100	71.4	278	40.4
105	70.4	276	37.2
110	69.3	274	34.2
115	68.5	272	31.8
120	67.4	270	29.4
125	66.3	268	27.1
130	65.2	266	25.0
135	64.1	263	23.1
140	63	261	21.3
145	61.8	258	19.7
150	60.7	255	18.1
155	59.5	252	16.7
160	58.3	249	15.3
165	57.1	246	14.1
170	55.9	242	12.9
175	54.7	239	11.7
180	53.5	235	10.7
185	52.2	231	9.7
190	50.9	227	8.7
195	49.6	223	7.8
200	48.2	219	7.0
205	46.9	214	6.2
210	45.5	209	5.4
215	44	204	4.7
220	42.5	198	4.0
225	41	193	3.3
230	39.4	187	2.7

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	455.9
25	75.8	70	293.1
30	71.2	68	213.5
35	66.4	66	166.8
40	61.4	63	136.0
45	56.1	60	114.2
50	50.5	56	97.9
55	44.2	51	85.2
60	37.1	44	75.0
65	28.3	35	66.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	445.0
25	77.7	80	293.6
30	73.8	79	213.8
35	69.7	77	167.0
40	65.5	75	136.2
45	61.2	72	114.3
50	56.6	69	98.0
55	51.7	65	85.4
60	46.5	60	75.2
65	40.7	54	66.9
70	34.1	47	60.0
75	25.8	37	54.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	435.5
25	79	90	294.1
30	75.5	88	214.3
35	71.9	87	167.5
40	68.3	84	136.7
45	64.5	82	114.8
50	60.6	79	98.5
55	56.5	76	85.9
60	52.2	72	75.8
65	47.6	67	67.6
70	42.6	62	60.7
75	37	55	54.8
80	30.5	47	49.7
85	22.1	36	45.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	425.2
25	80.2	100	294.4
30	77.1	98	214.4
35	73.9	97	167.5
40	70.7	95	136.6
45	67.4	93	114.7
50	64	91	98.4
55	60.5	88	85.8
60	56.8	84	75.7
65	53	81	67.4
70	49	76	60.6
75	44.6	71	54.7
80	39.9	65	49.7
85	34.6	58	45.3
90	28.5	49	41.5
95	20.5	37	38.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	415.1
25	81.1	110	290.3
30	78.3	109	214.4
35	75.5	107	167.4
40	72.6	106	136.5
45	69.6	104	114.6
50	66.6	102	98.3
55	63.5	99	85.6
60	60.4	96	75.5
65	57.1	93	67.3
70	53.6	89	60.4
75	50.1	85	54.6
80	46.2	80	49.6
85	42.1	75	45.3
90	37.7	68	41.5
95	32.7	61	38.1
100	26.8	51	35.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	405.4
25	81.9	120	285.1
30	79.4	119	214.4
35	76.8	117	167.3
40	74.1	116	136.3
45	71.5	114	114.3
50	68.8	112	98.0
55	66	110	85.3
60	63.2	107	75.2
65	60.3	105	67.0
70	57.3	101	60.1
75	54.2	98	54.3
80	50.9	94	49.3
85	47.5	89	45.0
90	43.9	84	41.2
95	40	78	37.8
100	35.7	71	34.8
105	32.3	65	32.3
110	26.9	56	29.8



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	449.7
20	84.9	129	396.8
25	82.5	129	280.5
30	80.1	128	214.5
35	77.7	127	167.3
40	75.3	125	136.3
45	72.9	124	114.4
50	70.4	122	98.0
55	67.9	120	85.4
60	65.3	117	75.3
65	62.7	115	67.0
70	60	112	60.2
75	57.2	109	54.4
80	54.3	105	49.4
85	51.3	101	45.1
90	48.2	97	41.3
95	44.8	92	37.9
100	41.3	86	35.0
105	38.5	81	32.5
110	34.5	74	30.0
115	29.9	66	27.8
120	24.5	55	25.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	429.3
20	85.2	139	387.7
25	83.1	139	275.5
30	80.9	138	212.1
35	78.7	137	167.2
40	76.4	135	136.1
45	74.2	134	114.1
50	71.9	132	97.7
55	69.6	130	85.1
60	67.3	128	74.9
65	64.9	126	66.7
70	62.4	123	59.8
75	59.9	120	54.0
80	57.3	117	49.0
85	54.7	114	44.7
90	51.9	110	40.9
95	49.1	105	37.6
100	46.1	101	34.6
105	43.8	97	32.1
110	40.4	91	29.7
115	36.9	84	27.5
120	32.9	77	25.5
125	28.5	68	23.6
130	23.3	57	21.9

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	413.0
20	85.6	149	378.8
25	83.5	149	270.5
30	81.5	148	208.7
35	79.5	147	167.0
40	77.4	146	135.9
45	75.3	144	113.9
50	73.2	143	97.5
55	71.1	141	84.8
60	68.9	139	74.6
65	66.7	137	66.3
70	64.5	134	59.5
75	62.2	132	53.7
80	59.9	129	48.7
85	57.5	126	44.4
90	55	122	40.6
95	52.5	118	37.2
100	49.9	114	34.3
105	47.8	111	31.8
110	45	106	29.4
115	42	100	27.2
120	38.8	94	25.2
125	35.4	87	23.4
130	31.6	79	21.7
135	27.3	70	20.1
140	22.2	58	18.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	355.8
20	85.9	159	355.8
25	84	158	265.6
30	82.1	158	205.4
35	80.2	157	166.3
40	78.2	156	135.6
45	76.3	155	113.6
50	74.3	153	97.1
55	72.4	151	84.4
60	70.4	150	74.2
65	68.3	148	65.9
70	66.3	145	59.0
75	64.2	143	53.2
80	62	140	48.2
85	59.9	137	43.9
90	57.6	134	40.1
95	55.3	131	36.8
100	53	127	33.8
105	51.2	124	31.4
110	48.7	119	29.0
115	46.1	115	26.8
120	43.3	109	24.8
125	40.4	104	23.0
130	37.3	97	21.3
135	34	90	19.7
140	30.3	81	18.3
145	26.2	72	16.9
150	21.3	59	15.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	326.5
25	84.3	167	261.1
30	82.5	167	202.4
35	80.7	166	164.1
40	78.9	165	135.5
45	77.1	164	113.4
50	75.2	162	97.0
55	73.4	161	84.2
60	71.5	159	74.1
65	69.6	157	65.8
70	67.7	155	58.9
75	65.7	153	53.1
80	63.7	150	48.1
85	61.7	148	43.8
90	59.6	145	40.0
95	57.5	141	36.7
100	55.4	138	33.7
105	53.7	135	31.3
110	51.4	131	28.9
115	49.1	127	26.7
120	46.6	122	24.7
125	44.1	117	22.9
130	41.4	111	21.2
135	38.6	105	19.7
140	35.5	98	18.3
145	32.2	90	16.9
150	28.6	81	15.7
155	24.4	71	14.5
160	19.4	58	13.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 121.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	302.3
25	84.6	177	256.4
30	82.9	177	199.2
35	81.2	176	161.7
40	79.5	175	135.2
45	77.8	174	113.1
50	76.1	173	96.7
55	74.4	171	83.9
60	72.6	169	73.7
65	70.8	168	65.4
70	69	166	58.5
75	67.2	164	52.7
80	65.3	161	47.7
85	63.5	159	43.4
90	61.6	156	39.6
95	59.6	153	36.2
100	57.6	150	33.3
105	56.1	147	30.8
110	54.1	144	28.4
115	51.9	140	26.3
120	49.7	136	24.3
125	47.5	131	22.5
130	45.1	126	20.8
135	42.6	121	19.3
140	40	115	17.8
145	37.3	108	16.5
150	34.3	101	15.3
155	31.1	93	14.1
160	27.6	83	13.0
165	23.5	72	12.0
170	18.6	59	11.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	292.7
25	84.9	187	251.7
30	83.3	187	195.9
35	81.7	186	159.2
40	80.1	185	133.2
45	78.5	184	112.8
50	76.9	183	96.3
55	75.2	181	83.5
60	73.6	180	73.3
65	71.9	178	65.0
70	70.2	176	58.1
75	68.5	174	52.3
80	66.8	172	47.3
85	65	170	42.9
90	63.3	167	39.2
95	61.5	165	35.8
100	60.1	162	33.0
105	58.2	159	30.4
110	56.3	156	28.0
115	54.4	152	25.8
120	52.4	148	23.9
125	50.3	144	22.0
130	48.2	140	20.4
135	46	135	18.8
140	43.7	130	17.4
145	41.3	124	16.1
150	38.8	118	14.9
155	36.1	111	13.7
160	33.2	104	12.6
165	30.1	95	11.6
170	26.7	85	10.7
175	22.7	74	9.7
180	17.9	60	8.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	260.5
25	85.2	197	247.0
30	83.7	197	192.7
35	82.2	196	156.7
40	80.6	195	131.1
45	79.1	194	112.0
50	77.6	193	96.0
55	76	192	83.1
60	74.4	190	72.9
65	72.9	189	64.6
70	71.3	187	57.7
75	69.7	185	51.8
80	68.1	183	46.8
85	66.4	181	42.5
90	64.8	178	38.7
95	63.1	176	35.3
100	61.8	174	32.6
105	60.1	171	29.9
110	58.3	168	27.5
115	56.5	164	25.3
120	54.6	161	23.4
125	52.8	157	21.6
130	50.8	153	19.9
135	48.8	149	18.4
140	46.8	144	16.9
145	44.6	139	15.6
150	42.4	133	14.4
155	40.1	127	13.2
160	37.6	121	12.2
165	35	114	11.2
170	32.2	106	10.2
175	29.2	97	9.3
180	25.8	87	8.4
185	21.9	75	7.6
190	17.2	61	6.8



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	234.2
30	84	205	189.7
35	82.5	205	154.5
40	81.1	204	129.4
45	79.6	203	110.6
50	78.1	202	95.7
55	76.6	201	82.9
60	75.2	199	72.7
65	73.7	198	64.4
70	72.2	196	57.4
75	70.6	194	51.6
80	69.1	193	46.6
85	67.5	190	42.2
90	66	188	38.5
95	64.4	186	35.1
100	63.2	184	32.4
105	61.5	181	29.7
110	59.9	178	27.3
115	58.2	175	25.1
120	56.5	172	23.2
125	54.7	168	21.3
130	52.9	164	19.7
135	51	160	18.2
140	49.1	156	16.7
145	47.2	151	15.4
150	45.2	146	14.2
155	43.1	141	13.1
160	40.9	135	12.0
165	38.6	129	11.0
170	36.1	122	10.0
175	33.6	115	9.1
180	30.8	107	8.3
185	27.8	97	7.5
190	24.4	87	6.7
195	20.4	74	6.0
200	15.5	58	5.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	215.7
30	84.2	215	186.6
35	82.9	215	152.0
40	81.5	214	127.4
45	80.1	213	108.8
50	78.7	212	94.4
55	77.3	211	82.6
60	75.9	210	72.3
65	74.5	208	64.0
70	73	207	57.0
75	71.6	205	51.2
80	70.1	203	46.1
85	68.6	201	41.8
90	67.2	199	38.0
95	65.7	197	34.6
100	64.5	195	31.9
105	63	192	29.3
110	61.4	190	26.8
115	59.9	187	24.7
120	58.2	184	22.7
125	56.6	180	20.9
130	54.9	177	19.2
135	53.2	173	17.7
140	51.5	169	16.2
145	49.7	165	14.9
150	47.8	160	13.7
155	45.9	155	12.6
160	43.9	150	11.5
165	41.9	145	10.5
170	39.8	139	9.6
175	37.5	132	8.7
180	35.2	125	7.8
185	32.6	117	7.0
190	29.9	109	6.3
195	27	99	5.6
200	23.7	88	4.9
205	19.8	75	4.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	183.4
35	83.2	225	149.6
40	81.9	224	125.3
45	80.5	223	107.1
50	79.2	222	92.9
55	77.9	221	81.5
60	76.5	220	71.9
65	75.2	218	63.6
70	73.8	217	56.6
75	72.4	215	50.7
80	71.1	214	45.7
85	69.7	212	41.4
90	68.2	210	37.5
95	66.8	208	34.2
100	65.8	206	31.5
105	64.3	203	28.8
110	62.8	201	26.4
115	61.3	198	24.2
120	59.8	195	22.2
125	58.3	192	20.4
130	56.7	189	18.7
135	55.1	185	17.2
140	53.5	182	15.8
145	51.8	178	14.5
150	50.1	173	13.3
155	48.4	169	12.1
160	46.6	164	11.1
165	44.7	159	10.1
170	42.8	154	9.1
175	40.8	148	8.2
180	38.7	142	7.4
185	36.6	135	6.6
190	34.2	128	5.9
195	31.8	120	5.1
200	29.1	111	4.5
205	26.2	101	3.8
210	23	90	3.2
215	19.2	76	2.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	178.0
35	83.5	235	147.1
40	82.2	234	123.3
45	81	233	105.3
50	79.7	232	91.3
55	78.4	231	80.0
60	77.1	230	70.8
65	75.8	229	63.1
70	74.5	227	56.2
75	73.2	226	50.3
80	71.9	224	45.2
85	70.6	222	40.9
90	69.2	220	37.1
95	67.9	218	33.7
100	66.9	217	31.0
105	65.5	214	28.3
110	64.1	212	25.9
115	62.7	209	23.7
120	61.3	207	21.7
125	59.8	204	19.9
130	58.3	201	18.2
135	56.9	197	16.7
140	55.3	194	15.3
145	53.8	190	14.0
150	52.2	186	12.7
155	50.6	182	11.6
160	48.9	178	10.5
165	47.2	173	9.5
170	45.4	168	8.6
175	43.6	163	7.7
180	41.8	157	6.9
185	39.8	151	6.1
190	37.8	145	5.3
195	35.6	138	4.6
200	33.4	131	4.0
205	31	122	3.3
210	28.4	113	2.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	162.2
35	83.7	243	144.8
40	82.5	243	121.4
45	81.3	242	103.8
50	80.1	241	89.9
55	78.8	240	78.8
60	77.6	239	69.7
65	76.4	238	62.1
70	75.1	236	55.7
75	73.9	235	50.0
80	72.6	233	45.0
85	71.3	232	40.6
90	70	230	36.8
95	68.7	228	33.4
100	67.8	226	30.7
105	66.5	224	28.0
110	65.1	222	25.6
115	63.8	219	23.4
120	62.4	217	21.4
125	61.1	214	19.6
130	59.7	211	18.0
135	58.2	208	16.4
140	56.8	205	15.0
145	55.3	201	13.7
150	53.8	197	12.5
155	52.3	194	11.3
160	50.8	189	10.3
165	49.2	185	9.3
170	47.5	181	8.3
175	45.9	176	7.5
180	44.1	171	6.6
185	42.3	165	5.8
190	40.5	159	5.1
195	38.6	153	4.4
200	36.6	146	3.7
205	34.4	139	3.0
210	32.2	131	2.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	142.4
40	82.8	253	119.4
45	81.6	252	102.0
50	80.5	251	88.4
55	79.3	250	77.4
60	78.1	249	68.4
65	76.9	248	60.9
70	75.7	247	54.5
75	74.5	245	49.0
80	73.3	244	44.2
85	72.1	242	40.0
90	70.9	240	36.3
95	70	239	33.0
100	68.7	237	30.2
105	67.5	235	27.6
110	66.2	233	25.1
115	64.9	230	22.9
120	63.6	228	20.9
125	62.3	225	19.1
130	61	222	17.5
135	59.7	219	15.9
140	58.3	216	14.5
145	56.9	213	13.2
150	55.5	210	12.0
155	54.1	206	10.8
160	52.6	202	9.7
165	51.1	198	8.7
170	49.6	194	7.7
175	48.1	189	6.8
180	46.5	185	6.0
185	44.8	180	5.1
190	43.1	174	4.4
195	41.4	169	3.6
200	39.6	163	2.9
205	37.7	156	2.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

258

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom</b>			
27	86	264	141.7
30	85.3	264	141.7
35	84.2	263	139.9
40	83.1	263	117.3
45	82	262	100.2
50	80.8	261	86.8
55	79.7	260	76.0
60	78.6	259	67.1
65	77.4	258	59.6
70	76.3	257	53.3
75	75.1	255	47.9
80	74	254	43.1
85	72.8	252	39.0
90	71.6	251	35.3
95	70.8	249	32.4
100	69.6	248	29.5
105	68.4	246	26.8
110	67.2	243	24.5
115	65.9	241	22.3
120	64.7	239	20.3
125	63.5	236	18.4
130	62.2	234	16.8
135	60.9	231	15.2
140	59.6	228	13.8
145	58.3	225	12.4
150	57	222	11.2
155	55.7	218	10.0
160	54.3	215	8.9
165	52.9	211	7.9
170	51.5	207	6.9
175	50	203	6.0
180	48.5	198	5.2
185	47	193	4.4
190	45.5	189	3.6
195	43.9	183	2.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

267

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>267 ft main boom</b>			
28	86	274	127.3
30	85.5	274	127.3
35	84.4	273	126.1
40	83.3	273	115.3
45	82.3	272	98.4
50	81.2	271	85.2
55	80.1	270	74.5
60	79	269	65.7
65	77.9	268	58.3
70	76.8	267	52.1
75	75.7	266	46.7
80	74.6	264	42.0
85	73.5	263	37.9
90	72.3	261	34.3
95	71.5	260	31.4
100	70.4	258	28.5
105	69.2	256	25.9
110	68.1	254	23.5
115	66.9	252	21.3
120	65.7	250	19.3
125	64.5	247	17.5
130	63.3	245	15.9
135	62.1	242	14.3
140	60.9	239	12.9
145	59.6	236	11.5
150	58.4	233	10.3
155	57.1	230	9.1
160	55.8	227	8.1
165	54.5	223	7.0
170	53.2	219	6.1
175	51.8	215	5.2
180	50.4	211	4.3
185	49	207	3.5
190	47.5	202	2.8



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	404.2
25	75.8	70	259.6
30	71.2	68	188.8
35	66.4	66	147.2
40	61.4	63	119.8
45	56.1	60	100.3
50	50.5	56	85.8
55	44.2	51	74.5
60	37.1	44	65.4
65	28.3	35	57.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	394.5
25	77.7	80	260.1
30	73.8	79	189.0
35	69.7	77	147.3
40	65.5	75	119.9
45	61.2	72	100.4
50	56.6	69	85.9
55	51.7	65	74.6
60	46.5	60	65.6
65	40.7	54	58.2
70	34.1	47	51.9
75	25.8	37	46.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	386.1
25	79	90	260.6
30	75.5	88	189.5
35	71.9	87	147.8
40	68.3	84	120.4
45	64.5	82	100.9
50	60.6	79	86.4
55	56.5	76	75.2
60	52.2	72	66.2
65	47.6	67	58.8
70	42.6	62	52.7
75	37	55	47.4
80	30.5	47	42.9
85	22.1	36	38.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	376.9
25	80.2	100	260.9
30	77.1	98	189.6
35	73.9	97	147.8
40	70.7	95	120.3
45	67.4	93	100.8
50	64	91	86.3
55	60.5	88	75.0
60	56.8	84	66.0
65	53	81	58.7
70	49	76	52.5
75	44.6	71	47.3
80	39.9	65	42.9
85	34.6	58	38.9
90	28.5	49	35.5
95	22.8	41	32.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	367.9
25	81.1	110	256.8
30	78.3	109	189.7
35	75.5	107	147.8
40	72.6	106	120.2
45	69.6	104	100.7
50	66.6	102	86.2
55	63.5	99	74.9
60	60.4	96	65.9
65	57.1	93	58.5
70	53.6	89	52.4
75	50.1	85	47.2
80	46.2	80	42.8
85	42.1	75	38.9
90	37.7	68	35.5
95	34	63	32.7
100	28.4	54	29.9

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	359.3
25	81.9	120	252.1
30	79.4	119	189.7
35	76.8	117	147.7
40	74.1	116	120.0
45	71.5	114	100.5
50	68.8	112	85.9
55	66	110	74.6
60	63.2	107	65.6
65	60.3	105	58.2
70	57.3	101	52.1
75	54.2	98	46.9
80	50.9	94	42.4
85	47.5	89	38.6
90	43.9	84	35.2
95	41.1	80	32.4
100	36.9	73	29.7
105	32.3	65	27.3
110	26.9	56	25.1

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	438.0
20	84.9	129	351.5
25	82.5	129	248.0
30	80.1	128	189.7
35	77.7	127	147.7
40	75.3	125	120.1
45	72.9	124	100.5
50	70.4	122	85.9
55	67.9	120	74.6
60	65.3	117	65.6
65	62.7	115	58.3
70	60	112	52.1
75	57.2	109	47.0
80	54.3	105	42.5
85	51.3	101	38.7
90	48.2	97	35.3
95	45.7	93	32.5
100	42.3	87	29.9
105	38.5	81	27.4
110	34.5	74	25.3
115	29.9	66	23.3
120	24.5	55	21.4

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	399.0
20	85.2	139	343.4
25	83.1	139	243.4
30	80.9	138	187.0
35	78.7	137	147.6
40	76.4	135	119.9
45	74.2	134	100.2
50	71.9	132	85.6
55	69.6	130	74.3
60	67.3	128	65.3
65	64.9	126	57.9
70	62.4	123	51.8
75	59.9	120	46.6
80	57.3	117	42.2
85	54.7	114	38.3
90	51.9	110	34.9
95	49.8	107	32.2
100	46.9	102	29.5
105	43.8	97	27.1
110	40.4	91	24.9
115	36.9	84	23.0
120	32.9	77	21.2
125	28.5	68	19.5
130	23.3	57	17.9



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	365.8
20	85.6	149	335.4
25	83.5	149	238.9
30	81.5	148	183.9
35	79.5	147	147.4
40	77.4	146	119.6
45	75.3	144	100.0
50	73.2	143	85.3
55	71.1	141	74.0
60	68.9	139	65.0
65	66.7	137	57.6
70	64.5	134	51.5
75	62.2	132	46.3
80	59.9	129	41.8
85	57.5	126	38.0
90	55	122	34.6
95	53.2	119	31.8
100	50.6	115	29.2
105	47.8	111	26.8
110	45	106	24.6
115	42	100	22.7
120	38.8	94	20.9
125	35.4	87	19.2
130	31.6	79	17.7
135	27.3	70	16.3
140	22.2	58	15.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	337.3
20	85.9	159	327.6
25	84	158	234.5
30	82.1	158	180.9
35	80.2	157	146.1
40	78.2	156	119.4
45	76.3	155	99.7
50	74.3	153	85.0
55	72.4	151	73.6
60	70.4	150	64.6
65	68.3	148	57.2
70	66.3	145	51.0
75	64.2	143	45.8
80	62	140	41.4
85	59.9	137	37.5
90	57.6	134	34.1
95	55.9	132	31.4
100	53.6	128	28.7
105	51.2	124	26.4
110	48.7	119	24.2
115	46.1	115	22.2
120	43.3	109	20.5
125	40.4	104	18.8
130	37.3	97	17.3
135	34	90	15.9
140	30.3	81	14.6
145	26.2	72	13.4
150	21.3	59	12.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	314.6
25	84.3	167	230.4
30	82.5	167	178.2
35	80.7	166	144.1
40	78.9	165	119.3
45	77.1	164	99.5
50	75.2	162	84.9
55	73.4	161	73.5
60	71.5	159	64.4
65	69.6	157	57.0
70	67.7	155	50.9
75	65.7	153	45.7
80	63.7	150	41.2
85	61.7	148	37.4
90	59.6	145	34.0
95	58.1	142	31.3
100	55.9	139	28.6
105	53.7	135	26.2
110	51.4	131	24.1
115	49.1	127	22.1
120	46.6	122	20.4
125	44.1	117	18.7
130	41.4	111	17.2
135	38.6	105	15.9
140	35.5	98	14.6
145	32.2	90	13.4
150	28.6	81	12.3
155	24.4	71	11.2
160	19.4	58	10.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	292.6
25	84.6	177	226.1
30	82.9	177	175.2
35	81.2	176	141.8
40	79.5	175	118.2
45	77.8	174	99.3
50	76.1	173	84.5
55	74.4	171	73.1
60	72.6	169	64.1
65	70.8	168	56.6
70	69	166	50.5
75	67.2	164	45.3
80	65.3	161	40.8
85	63.5	159	37.0
90	61.6	156	33.6
95	60.1	154	30.9
100	58.2	151	28.2
105	56.1	147	25.8
110	54.1	144	23.6
115	51.9	140	21.7
120	49.7	136	19.9
125	47.5	131	18.3
130	45.1	126	16.8
135	42.6	121	15.4
140	40	115	14.2
145	37.3	108	13.0
150	34.3	101	11.9
155	31.1	93	10.8
160	27.6	83	9.8
165	23.5	72	8.9
170	18.6	59	8.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 98.5  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	272.9
25	84.9	187	221.8
30	83.3	187	172.2
35	81.7	186	139.5
40	80.1	185	116.4
45	78.5	184	99.0
50	76.9	183	84.2
55	75.2	181	72.8
60	73.6	180	63.7
65	71.9	178	56.3
70	70.2	176	50.1
75	68.5	174	44.9
80	66.8	172	40.4
85	65	170	36.5
90	63.3	167	33.2
95	61.9	165	30.4
100	60.1	162	27.8
105	58.2	159	25.4
110	56.3	156	23.2
115	54.4	152	21.3
120	52.4	148	19.5
125	50.3	144	17.9
130	48.2	140	16.4
135	46	135	15.0
140	43.7	130	13.8
145	41.3	124	12.6
150	38.8	118	11.5
155	36.1	111	10.4
160	33.2	104	9.5
165	30.1	95	8.5
170	26.7	85	7.7
175	22.7	74	6.8
180	17.9	60	6.0

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	255.5
25	85.2	197	217.6
30	83.7	197	169.2
35	82.2	196	137.2
40	80.6	195	114.4
45	79.1	194	97.4
50	77.6	193	83.9
55	76	192	72.4
60	74.4	190	63.3
65	72.9	189	55.8
70	71.3	187	49.7
75	69.7	185	44.4
80	68.1	183	39.9
85	66.4	181	36.1
90	65.2	179	33.0
95	63.5	176	30.0
100	61.8	174	27.3
105	60.1	171	24.9
110	58.3	168	22.7
115	56.5	164	20.8
120	54.6	161	19.0
125	52.8	157	17.4
130	50.8	153	15.9
135	48.8	149	14.5
140	46.8	144	13.3
145	44.6	139	12.1
150	42.4	133	11.0
155	40.1	127	10.0
160	37.6	121	9.0
165	35	114	8.1
170	32.2	106	7.2
175	29.2	97	6.4
180	25.8	87	5.6
185	21.9	75	4.9
190	17.2	61	4.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	213.7
30	84	205	166.5
35	82.5	205	135.2
40	81.1	204	112.8
45	79.6	203	96.1
50	78.1	202	83.1
55	76.6	201	72.2
60	75.2	199	63.1
65	73.7	198	55.6
70	72.2	196	49.4
75	70.6	194	44.2
80	69.1	193	39.7
85	67.5	190	35.8
90	66.4	189	32.8
95	64.8	186	29.7
100	63.2	184	27.1
105	61.5	181	24.7
110	59.9	178	22.5
115	58.2	175	20.6
120	56.5	172	18.8
125	54.7	168	17.2
130	52.9	164	15.7
135	51	160	14.3
140	49.1	156	13.1
145	47.2	151	11.9
150	45.2	146	10.8
155	43.1	141	9.8
160	40.9	135	8.8
165	38.6	129	7.9
170	36.1	122	7.1
175	33.6	115	6.3
180	30.8	107	5.5
185	27.8	97	4.8
190	24.4	87	4.1
195	20.4	74	3.4
200	15.5	58	2.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	209.6
30	84.2	215	163.6
35	82.9	215	132.9
40	81.5	214	110.9
45	80.1	213	94.4
50	78.7	212	81.6
55	77.3	211	71.4
60	75.9	210	62.7
65	74.5	208	55.2
70	73	207	49.0
75	71.6	205	43.8
80	70.1	203	39.3
85	68.6	201	35.4
90	67.6	200	32.3
95	66.1	197	29.3
100	64.5	195	26.6
105	63	192	24.2
110	61.4	190	22.1
115	59.9	187	20.1
120	58.2	184	18.3
125	56.6	180	16.7
130	54.9	177	15.2
135	53.2	173	13.8
140	51.5	169	12.6
145	49.7	165	11.4
150	47.8	160	10.3
155	45.9	155	9.3
160	43.9	150	8.3
165	41.9	145	7.4
170	39.8	139	6.6
175	37.5	132	5.8
180	35.2	125	5.0
185	32.6	117	4.3
190	29.9	109	3.6
195	27	99	3.0
200	23.7	88	2.3



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	160.6
35	83.2	225	130.6
40	81.9	224	109.0
45	80.5	223	92.8
50	79.2	222	80.1
55	77.9	221	70.0
60	76.5	220	61.7
65	75.2	218	54.8
70	73.8	217	48.6
75	72.4	215	43.3
80	71.1	214	38.8
85	69.7	212	35.0
90	68.6	210	31.9
95	67.2	208	28.8
100	65.8	206	26.2
105	64.3	203	23.8
110	62.8	201	21.6
115	61.3	198	19.7
120	59.8	195	17.9
125	58.3	192	16.3
130	56.7	189	14.8
135	55.1	185	13.4
140	53.5	182	12.1
145	51.8	178	10.9
150	50.1	173	9.9
155	48.4	169	8.8
160	46.6	164	7.9
165	44.7	159	7.0
170	42.8	154	6.1
175	40.8	148	5.3
180	38.7	142	4.6
185	36.6	135	3.9
190	34.2	128	3.2
195	31.8	120	2.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	157.7
35	83.5	235	128.3
40	82.2	234	107.1
45	81	233	91.1
50	79.7	232	78.6
55	78.4	231	68.6
60	77.1	230	60.4
65	75.8	229	53.6
70	74.5	227	47.8
75	73.2	226	42.8
80	71.9	224	38.4
85	70.6	222	34.5
90	69.6	221	31.4
95	68.2	219	28.4
100	66.9	217	25.7
105	65.5	214	23.3
110	64.1	212	21.1
115	62.7	209	19.1
120	61.3	207	17.4
125	59.8	204	15.7
130	58.3	201	14.2
135	56.9	197	12.9
140	55.3	194	11.6
145	53.8	190	10.4
150	52.2	186	9.3
155	50.6	182	8.3
160	48.9	178	7.3
165	47.2	173	6.4
170	45.4	168	5.5
175	43.6	163	4.7
180	41.8	157	3.9
185	39.8	151	3.2
190	37.8	145	2.5

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	155.0
35	83.7	243	126.2
40	82.5	243	105.4
45	81.3	242	89.7
50	80.1	241	77.4
55	78.8	240	67.5
60	77.6	239	59.4
65	76.4	238	52.6
70	75.1	236	46.9
75	73.9	235	42.0
80	72.6	233	37.7
85	71.3	232	33.9
90	70.4	230	31.0
95	69.1	228	28.0
100	67.8	226	25.4
105	66.5	224	23.0
110	65.1	222	20.8
115	63.8	219	18.8
120	62.4	217	17.1
125	61.1	214	15.4
130	59.7	211	13.9
135	58.2	208	12.5
140	56.8	205	11.2
145	55.3	201	10.0
150	53.8	197	8.9
155	52.3	194	7.8
160	50.8	189	6.8
165	49.2	185	5.9
170	47.5	181	5.0
175	45.9	176	4.2
180	44.1	171	3.4
185	42.3	165	2.7

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	123.9
40	82.8	253	103.5
45	81.6	252	88.0
50	80.5	251	75.9
55	79.3	250	66.1
60	78.1	249	58.1
65	76.9	248	51.4
70	75.7	247	45.8
75	74.5	245	40.9
80	73.3	244	36.6
85	72.4	243	33.0
90	71.2	241	30.0
95	70	239	27.1
100	68.7	237	24.4
105	67.5	235	22.1
110	66.2	233	19.9
115	64.9	230	18.0
120	63.6	228	16.2
125	62.3	225	14.5
130	61	222	13.0
135	59.7	219	11.6
140	58.3	216	10.3
145	56.9	213	9.1
150	55.5	210	8.0
155	54.1	206	7.0
160	52.6	202	6.0
165	51.1	198	5.1
170	49.6	194	4.2
175	48.1	189	3.4
180	46.5	185	2.7

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbony counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	456.5
15	84.8	72	456.5
20	80.3	72	353.1
25	75.8	70	226.5
30	71.2	68	164.3
35	66.4	66	127.8
40	61.4	63	103.7
45	56.1	60	86.6
50	50.5	56	73.8
55	44.2	51	63.8
60	37.1	44	55.8
65	28.3	35	49.2

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	456.5
15	85.4	82	456.5
20	81.6	82	344.6
25	77.7	80	227.0
30	73.8	79	164.6
35	69.7	77	127.9
40	65.5	75	103.8
45	61.2	72	86.7
50	56.6	69	73.9
55	51.7	65	64.0
60	46.5	60	56.0
65	40.7	54	49.5
70	34.1	47	44.0
75	25.8	37	39.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	456.5
15	85.9	91	456.5
20	82.5	91	337.2
25	79	90	227.5
30	75.5	88	165.1
35	71.9	87	128.4
40	68.3	84	104.3
45	64.5	82	87.2
50	60.6	79	74.4
55	56.5	76	64.5
60	52.2	72	56.6
65	47.6	67	50.1
70	42.6	62	44.7
75	37	55	40.1
80	30.5	47	36.1
85	24.6	39	32.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	456.5
20	83.3	101	329.2
25	80.2	100	227.8
30	77.1	98	165.2
35	73.9	97	128.4
40	70.7	95	104.2
45	67.4	93	87.1
50	64	91	74.3
55	60.5	88	64.4
60	56.8	84	56.5
65	53	81	50.0
70	49	76	44.6
75	44.6	71	40.0
80	39.9	65	36.1
85	36.1	60	32.9
90	30.2	52	29.8
95	22.8	41	27.0



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	321.2
25	81.1	110	223.7
30	78.3	109	165.2
35	75.5	107	128.4
40	72.6	106	104.1
45	69.6	104	87.0
50	66.6	102	74.2
55	63.5	99	64.3
60	60.4	96	56.3
65	57.1	93	49.9
70	53.6	89	44.5
75	50.1	85	39.9
80	46.2	80	36.0
85	43.3	76	32.8
90	38.9	70	29.8
95	34	63	27.1
100	28.4	54	24.7

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	419.7
20	84.5	120	313.6
25	81.9	120	219.5
30	79.4	119	165.2
35	76.8	117	128.2
40	74.1	116	103.9
45	71.5	114	86.7
50	68.8	112	73.9
55	66	110	64.0
60	63.2	107	56.0
65	60.3	105	49.5
70	57.3	101	44.1
75	54.2	98	39.6
80	50.9	94	35.7
85	48.4	90	32.5
90	44.9	85	29.5
95	41.1	80	26.8
100	36.9	73	24.4
105	32.3	65	22.3
110	26.9	56	20.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	382.7
20	84.9	129	306.7
25	82.5	129	215.8
30	80.1	128	164.9
35	77.7	127	128.3
40	75.3	125	104.0
45	72.9	124	86.8
50	70.4	122	73.9
55	67.9	120	64.0
60	65.3	117	56.1
65	62.7	115	49.6
70	60	112	44.2
75	57.2	109	39.6
80	54.3	105	35.7
85	52.1	102	32.6
90	49	98	29.6
95	45.7	93	27.0
100	42.3	87	24.6
105	38.5	81	22.5
110	34.5	74	20.5
115	29.9	66	18.8
120	24.5	55	17.1

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	348.4
20	85.2	139	299.5
25	83.1	139	211.7
30	80.9	138	162.1
35	78.7	137	128.1
40	76.4	135	103.8
45	74.2	134	86.5
50	71.9	132	73.6
55	69.6	130	63.7
60	67.3	128	55.7
65	64.9	126	49.2
70	62.4	123	43.8
75	59.9	120	39.3
80	57.3	117	35.4
85	55.4	115	32.2
90	52.7	111	29.2
95	49.8	107	26.6
100	46.9	102	24.2
105	43.8	97	22.1
110	40.4	91	20.2
115	36.9	84	18.5
120	32.9	77	16.9
125	28.5	68	15.4
130	23.3	57	14.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	319.1
20	85.6	149	292.4
25	83.5	149	207.7
30	81.5	148	159.4
35	79.5	147	128.0
40	77.4	146	103.5
45	75.3	144	86.3
50	73.2	143	73.4
55	71.1	141	63.4
60	68.9	139	55.4
65	66.7	137	48.9
70	64.5	134	43.5
75	62.2	132	38.9
80	59.9	129	35.0
85	58.1	127	31.9
90	55.7	123	28.9
95	53.2	119	26.3
100	50.6	115	23.9
105	47.8	111	21.8
110	45	106	19.9
115	42	100	18.2
120	38.8	94	16.6
125	35.4	87	15.1
130	31.6	79	13.8
135	27.3	70	12.5
140	22.2	58	11.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	294.0
20	85.9	159	285.5
25	84	158	203.7
30	82.1	158	156.6
35	80.2	157	126.1
40	78.2	156	103.3
45	76.3	155	85.9
50	74.3	153	73.0
55	72.4	151	63.0
60	70.4	150	55.0
65	68.3	148	48.5
70	66.3	145	43.1
75	64.2	143	38.5
80	62	140	34.6
85	60.4	138	31.5
90	58.2	135	28.5
95	55.9	132	25.8
100	53.6	128	23.5
105	51.2	124	21.4
110	48.7	119	19.5
115	46.1	115	17.7
120	43.3	109	16.2
125	40.4	104	14.7
130	37.3	97	13.4
135	34	90	12.1
140	30.3	81	11.0
145	26.2	72	9.9
150	21.3	59	8.9

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	273.9
25	84.3	167	200.1
30	82.5	167	154.2
35	80.7	166	124.3
40	78.9	165	103.2
45	77.1	164	85.8
50	75.2	162	72.9
55	73.4	161	62.9
60	71.5	159	54.9
65	69.6	157	48.4
70	67.7	155	43.0
75	65.7	153	38.4
80	63.7	150	34.5
85	62.2	148	31.3
90	60.2	145	28.4
95	58.1	142	25.7
100	55.9	139	23.4
105	53.7	135	21.3
110	51.4	131	19.4
115	49.1	127	17.6
120	46.6	122	16.1
125	44.1	117	14.6
130	41.4	111	13.3
135	38.6	105	12.1
140	35.5	98	10.9
145	32.2	90	9.9
150	28.6	81	8.9
155	24.4	71	7.9
160	19.4	58	7.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	254.5
25	84.6	177	196.2
30	82.9	177	151.5
35	81.2	176	122.2
40	79.5	175	101.5
45	77.8	174	85.5
50	76.1	173	72.6
55	74.4	171	62.5
60	72.6	169	54.5
65	70.8	168	48.0
70	69	166	42.5
75	67.2	164	38.0
80	65.3	161	34.0
85	64	160	30.9
90	62.1	157	27.9
95	60.1	154	25.3
100	58.2	151	22.9
105	56.1	147	20.8
110	54.1	144	18.9
115	51.9	140	17.2
120	49.7	136	15.6
125	47.5	131	14.2
130	45.1	126	12.9
135	42.6	121	11.6
140	40	115	10.5
145	37.3	108	9.5
150	34.3	101	8.5
155	31.1	93	7.6
160	27.6	83	6.7
165	23.5	72	5.8
170	18.6	59	5.0



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	237.2
25	84.9	187	192.3
30	83.3	187	148.7
35	81.7	186	120.1
40	80.1	185	99.7
45	78.5	184	84.6
50	76.9	183	72.2
55	75.2	181	62.2
60	73.6	180	54.1
65	71.9	178	47.6
70	70.2	176	42.2
75	68.5	174	37.6
80	66.8	172	33.6
85	65.5	170	30.5
90	63.7	168	27.5
95	61.9	165	24.9
100	60.1	162	22.5
105	58.2	159	20.4
110	56.3	156	18.5
115	54.4	152	16.8
120	52.4	148	15.2
125	50.3	144	13.8
130	48.2	140	12.5
135	46	135	11.2
140	43.7	130	10.1
145	41.3	124	9.1
150	38.8	118	8.1
155	36.1	111	7.2
160	33.2	104	6.3
165	30.1	95	5.5
170	26.7	85	4.7
175	22.7	74	4.0
180	17.9	60	3.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	221.7
25	85.2	197	188.5
30	83.7	197	146.0
35	82.2	196	117.9
40	80.6	195	97.9
45	79.1	194	83.0
50	77.6	193	71.4
55	76	192	61.8
60	74.4	190	53.7
65	72.9	189	47.2
70	71.3	187	41.7
75	69.7	185	37.1
80	68.1	183	33.2
85	66.8	181	30.1
90	65.2	179	27.0
95	63.5	176	24.4
100	61.8	174	22.0
105	60.1	171	19.9
110	58.3	168	18.0
115	56.5	164	16.3
120	54.6	161	14.7
125	52.8	157	13.3
130	50.8	153	12.0
135	48.8	149	10.8
140	46.8	144	9.6
145	44.6	139	8.6
150	42.4	133	7.6
155	40.1	127	6.7
160	37.6	121	5.8
165	35	114	5.0
170	32.2	106	4.3
175	29.2	97	3.5
180	25.8	87	2.9

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	208.9
25	85.4	206	185.0
30	84	205	143.6
35	82.5	205	116.0
40	81.1	204	96.4
45	79.6	203	81.7
50	78.1	202	70.3
55	76.6	201	61.2
60	75.2	199	53.5
65	73.7	198	46.9
70	72.2	196	41.5
75	70.6	194	36.9
80	69.5	193	33.0
85	67.9	191	29.8
90	66.4	189	26.8
95	64.8	186	24.2
100	63.2	184	21.8
105	61.5	181	19.7
110	59.9	178	17.8
115	58.2	175	16.1
120	56.5	172	14.5
125	54.7	168	13.1
130	52.9	164	11.8
135	51	160	10.5
140	49.1	156	9.4
145	47.2	151	8.4
150	45.2	146	7.4
155	43.1	141	6.5
160	40.9	135	5.7
165	38.6	129	4.9
170	36.1	122	4.1
175	33.6	115	3.4
180	30.8	107	2.7

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	196.3
25	85.6	216	181.3
30	84.2	215	140.9
35	82.9	215	113.9
40	81.5	214	94.7
45	80.1	213	80.2
50	78.7	212	69.0
55	77.3	211	60.0
60	75.9	210	52.6
65	74.5	208	46.4
70	73	207	41.1
75	71.6	205	36.4
80	70.5	204	32.8
85	69	202	29.4
90	67.6	200	26.4
95	66.1	197	23.7
100	64.5	195	21.3
105	63	192	19.2
110	61.4	190	17.3
115	59.9	187	15.6
120	58.2	184	14.0
125	56.6	180	12.6
130	54.9	177	11.3
135	53.2	173	10.1
140	51.5	169	8.9
145	49.7	165	7.9
150	47.8	160	6.9
155	45.9	155	6.0
160	43.9	150	5.2
165	41.9	145	4.3
170	39.8	139	3.5
175	37.5	132	2.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 76.1  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	184.6
25	85.8	226	177.5
30	84.5	225	138.2
35	83.2	225	111.8
40	81.9	224	92.9
45	80.5	223	78.6
50	79.2	222	67.6
55	77.9	221	58.7
60	76.5	220	51.4
65	75.2	218	45.3
70	73.8	217	40.2
75	72.4	215	35.8
80	71.4	214	32.3
85	70	212	29.0
90	68.6	210	25.9
95	67.2	208	23.3
100	65.8	206	20.9
105	64.3	203	18.8
110	62.8	201	16.9
115	61.3	198	15.1
120	59.8	195	13.6
125	58.3	192	12.1
130	56.7	189	10.7
135	55.1	185	9.5
140	53.5	182	8.3
145	51.8	178	7.3
150	50.1	173	6.3
155	48.4	169	5.3
160	46.6	164	4.4
165	44.7	159	3.6
170	42.8	154	2.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	174.0
30	84.7	235	135.5
35	83.5	235	109.6
40	82.2	234	91.1
45	81	233	77.1
50	79.7	232	66.1
55	78.4	231	57.4
60	77.1	230	50.2
65	75.8	229	44.2
70	74.5	227	39.1
75	73.2	226	34.7
80	72.2	224	31.3
85	70.9	223	28.0
90	69.6	221	25.0
95	68.2	219	22.4
100	66.9	217	20.0
105	65.5	214	17.9
110	64.1	212	16.0
115	62.7	209	14.3
120	61.3	207	12.7
125	59.8	204	11.2
130	58.3	201	9.9
135	56.9	197	8.6
140	55.3	194	7.5
145	53.8	190	6.4
150	52.2	186	5.4
155	50.6	182	4.5
160	48.9	178	3.6
165	47.2	173	2.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbony counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
14	86	73	432.0
15	84.8	72	330.2
20	80.3	72	176.3
25	75.8	70	112.1
30	71.2	68	79.7
35	66.4	66	60.7
40	61.4	63	48.1
45	56.1	60	39.1
50	52	57	32.9
55	45.9	52	27.6
60	39.1	46	23.3
65	30.8	38	19.6

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
14	86	82	358.5
15	85.4	82	316.7
20	81.6	82	172.1
25	77.7	80	112.5
30	73.8	79	80.0
35	69.7	77	60.8
40	65.5	75	48.2
45	61.2	72	39.2
50	57.8	69	33.0
55	53.1	66	27.7
60	47.9	61	23.4
65	42.3	56	19.9
70	35.9	49	17.0
75	28.2	40	14.4



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
15	86	91	309.7
15	85.9	91	304.7
20	82.5	91	168.4
25	79	90	113.1
30	75.5	88	80.5
35	71.9	87	61.3
40	68.3	84	48.7
45	64.5	82	39.8
50	60.6	79	33.1
55	57.6	77	28.2
60	53.3	73	24.0
65	48.8	69	20.5
70	43.9	63	17.6
75	38.5	57	15.1
80	32.3	50	12.9
85	24.6	39	11.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
16	86	101	268.9
20	83.3	101	164.2
25	80.2	100	111.5
30	77.1	98	80.6
35	73.9	97	61.3
40	70.7	95	48.6
45	67.4	93	39.6
50	64.9	91	33.0
55	61.4	88	28.1
60	57.8	85	23.9
65	54	82	20.4
70	50	77	17.5
75	45.8	73	15.0
80	41.2	67	12.9
85	36.1	60	11.0
90	30.2	52	9.3
95	22.8	41	7.8

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	236.8
20	83.9	110	159.9
25	81.1	110	109.1
30	78.3	109	80.6
35	75.5	107	61.3
40	72.6	106	48.5
45	69.6	104	39.5
50	67.4	102	33.0
55	64.4	100	28.0
60	61.2	97	23.7
65	57.9	94	20.3
70	54.6	90	17.4
75	51	86	14.9
80	47.3	81	12.8
85	43.3	76	11.0
90	38.9	70	9.3
95	34	63	7.8
100	28.4	54	6.5

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	211.1
20	84.5	120	155.8
25	81.9	120	106.7
30	79.4	119	79.5
35	76.8	117	61.1
40	74.1	116	48.3
45	71.5	114	39.3
50	69.5	113	33.0
55	66.7	111	27.7
60	63.9	108	23.4
65	61.1	105	20.0
70	58.1	102	17.1
75	55	99	14.6
80	51.8	95	12.5
85	48.4	90	10.6
90	44.9	85	9.0
95	41.1	80	7.6
100	36.9	73	6.3
105	32.3	65	5.1
110	26.9	56	4.0

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	191.4
20	84.9	129	151.9
25	82.5	129	104.6
30	80.1	128	78.1
35	77.7	127	61.2
40	75.3	125	48.4
45	72.9	124	39.3
50	71	122	33.0
55	68.5	120	27.7
60	66	118	23.5
65	63.4	116	20.0
70	60.7	113	17.1
75	57.9	110	14.7
80	55.1	106	12.6
85	52.1	102	10.7
90	49	98	9.1
95	45.7	93	7.7
100	42.3	87	6.4
105	38.5	81	5.2
110	34.5	74	4.2
115	29.9	66	3.2
120	24.5	55	2.3

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	173.4
20	85.2	139	147.9
25	83.1	139	102.2
30	80.9	138	76.4
35	78.7	137	59.8
40	76.4	135	48.2
45	74.2	134	39.1
50	72.5	133	32.7
55	70.2	131	27.4
60	67.9	129	23.1
65	65.5	127	19.7
70	63.1	124	16.8
75	60.6	121	14.3
80	58	118	12.2
85	55.4	115	10.4
90	52.7	111	8.8
95	49.8	107	7.3
100	46.9	102	6.1
105	43.8	97	4.9
110	40.4	91	3.9
115	36.9	84	2.9

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	157.8
20	85.6	149	143.9
25	83.5	149	99.8
30	81.5	148	74.7
35	79.5	147	58.4
40	77.4	146	47.0
45	75.3	144	38.7
50	73.8	143	32.5
55	71.6	141	27.1
60	69.5	140	22.8
65	67.3	137	19.4
70	65.1	135	16.4
75	62.8	133	14.0
80	60.5	130	11.9
85	58.1	127	10.0
90	55.7	123	8.4
95	53.2	119	7.0
100	50.6	115	5.7
105	47.8	111	4.6
110	45	106	3.5
115	42	100	2.5

## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	144.4
20	85.9	159	140.0
25	84	158	97.4
30	82.1	158	72.9
35	80.2	157	57.0
40	78.2	156	45.8
45	76.3	155	37.5
50	74.9	153	31.7
55	72.9	152	26.6
60	70.9	150	22.4
65	68.9	148	18.9
70	66.8	146	16.0
75	64.7	144	13.5
80	62.6	141	11.4
85	60.4	138	9.5
90	58.2	135	7.8
95	55.9	132	6.3
100	53.6	128	5.0
105	51.2	124	3.8
110	48.7	119	2.7



## Load charts main boom

version: 9834376/26304  
degree rating: 360 °  
footprint: extended track width  
counterweight [1000 lbs]: 0.0  
carbody counterweight [1000 lbs]: 0.0  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	133.5
25	84.3	167	95.2
30	82.5	167	71.3
35	80.7	166	55.8
40	78.9	165	44.8
45	77.1	164	36.7
50	75.7	163	31.0
55	73.9	161	25.9
60	72	160	21.8
65	70.1	158	18.4
70	68.2	156	15.5
75	66.2	153	13.1
80	64.2	151	11.0
85	62.2	148	9.1
90	60.2	145	7.5
95	58.1	142	6.0
100	55.9	139	4.7
105	53.7	135	3.5
110	51.4	131	2.4

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

66

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>66 ft main boom</b>			
20	80.3	72	456.5
25	75.8	70	397.6
30	71.2	68	333.9
35	66.4	66	293.0
40	61.4	63	247.8
45	56.1	60	207.3
50	50.5	56	177.6
55	44.2	51	154.8
60	37.1	44	136.8
65	28.3	35	120.1

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

75

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>75 ft main boom</b>			
20	81.6	82	456.5
25	77.7	80	384.1
30	73.8	79	345.0
35	69.7	77	279.8
40	65.5	75	248.1
45	61.2	72	207.5
50	56.6	69	177.8
55	51.7	65	155.0
60	46.5	60	137.1
65	40.7	54	122.5
70	34.1	47	110.5
75	25.8	37	100.2

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

84

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b>			
20	82.5	91	450.1
25	79	90	418.1
30	75.5	88	316.0
35	71.9	87	286.6
40	68.3	84	237.8
45	64.5	82	208.0
50	60.6	79	178.3
55	56.5	76	155.6
60	52.2	72	137.7
65	47.6	67	123.2
70	42.6	62	111.2
75	37	55	101.1
80	30.5	47	92.4
85	22.1	36	84.8

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

94

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b>			
20	83.3	101	456.1
25	80.2	100	397.0
30	77.1	98	304.3
35	73.9	97	280.0
40	70.7	95	247.9
45	67.4	93	208.0
50	64	91	178.3
55	60.5	88	154.0
60	56.8	84	137.6
65	53	81	123.1
70	49	76	111.1
75	44.6	71	101.0
80	39.9	65	92.4
85	34.6	58	85.0
90	28.5	49	78.4
95	20.5	37	72.6

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

104

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b>			
16	86	111	456.5
20	83.9	110	456.5
25	81.1	110	369.9
30	78.3	109	330.5
35	75.5	107	258.0
40	72.6	106	239.2
45	69.6	104	201.2
50	66.6	102	178.2
55	63.5	99	155.4
60	60.4	96	137.5
65	57.1	93	123.0
70	53.6	89	111.0
75	50.1	85	101.0
80	46.2	80	92.4
85	42.1	75	84.9
90	37.7	68	78.5
95	32.7	61	72.7
100	26.8	51	67.6

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

114

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b>			
17	86	121	456.5
20	84.5	120	453.8
25	81.9	120	360.9
30	79.4	119	332.8
35	76.8	117	250.3
40	74.1	116	231.2
45	71.5	114	204.4
50	68.8	112	176.6
55	66	110	155.2
60	63.2	107	137.3
65	60.3	105	122.7
70	57.3	101	110.8
75	54.2	98	100.7
80	50.9	94	92.1
85	47.5	89	84.7
90	43.9	84	78.2
95	40	78	72.5
100	35.7	71	67.4
105	30.9	63	62.9
110	25.3	53	58.8

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

123

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b>			
18	86	130	449.7
20	84.9	129	443.1
25	82.5	129	384.6
30	80.1	128	312.0
35	77.7	127	252.5
40	75.3	125	219.7
45	72.9	124	207.8
50	70.4	122	174.7
55	67.9	120	155.2
60	65.3	117	137.3
65	62.7	115	122.8
70	60	112	110.8
75	57.2	109	100.7
80	54.3	105	92.2
85	51.3	101	84.8
90	48.2	97	78.3
95	44.8	92	72.6
100	41.3	86	67.6
105	37.5	79	63.1
110	33.3	72	59.0
115	28.6	63	55.3
120	22.8	52	51.9



## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

133

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b>			
18	86	139	429.3
20	85.2	139	429.3
25	83.1	139	394.2
30	80.9	138	289.9
35	78.7	137	263.1
40	76.4	135	204.1
45	74.2	134	196.3
50	71.9	132	177.8
55	69.6	130	149.4
60	67.3	128	137.0
65	64.9	126	122.5
70	62.4	123	110.5
75	59.9	120	100.4
80	57.3	117	91.8
85	54.7	114	84.4
90	51.9	110	78.0
95	49.1	105	72.3
100	46.1	101	67.3
105	42.9	95	62.8
110	39.5	89	58.7
115	35.9	82	55.0
120	31.8	74	51.7
125	27.2	65	48.6
130	21.7	53	45.8

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

142

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b>			
19	86	149	413.1
20	85.6	149	413.1
25	83.5	149	375.1
30	81.5	148	282.6
35	79.5	147	264.1
40	77.4	146	219.6
45	75.3	144	189.2
50	73.2	143	177.5
55	71.1	141	149.6
60	68.9	139	136.7
65	66.7	137	122.2
70	64.5	134	110.2
75	62.2	132	100.1
80	59.9	129	91.5
85	57.5	126	84.1
90	55	122	77.7
95	52.5	118	72.0
100	49.9	114	67.0
105	47.1	109	62.5
110	44.2	104	58.4
115	41.2	99	54.8
120	37.9	92	51.4
125	34.4	85	48.4
130	30.5	77	45.6
135	26.1	67	43.0
140	20.7	55	40.6

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

152

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b>			
20	86	159	355.8
20	85.9	159	355.8
25	84	158	344.8
30	82.1	158	283.1
35	80.2	157	249.8
40	78.2	156	227.9
45	76.3	155	175.4
50	74.3	153	168.9
55	72.4	151	154.0
60	70.4	150	136.4
65	68.3	148	121.8
70	66.3	145	109.8
75	64.2	143	99.7
80	62	140	91.1
85	59.9	137	83.7
90	57.6	134	77.2
95	55.3	131	71.6
100	53	127	66.5
105	50.5	123	62.0
110	48	118	58.0
115	45.4	113	54.4
120	42.6	108	51.0
125	39.6	102	48.0
130	36.5	95	45.2
135	33.1	88	42.7
140	29.3	79	40.3
145	25	69	38.1
150	19.8	56	36.0

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

161

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b>			
20	86	168	326.5
25	84.3	167	318.1
30	82.5	167	288.9
35	80.7	166	234.8
40	78.9	165	224.9
45	77.1	164	190.0
50	75.2	162	163.4
55	73.4	161	154.3
60	71.5	159	136.3
65	69.6	157	119.9
70	67.7	155	109.7
75	65.7	153	99.6
80	63.7	150	91.0
85	61.7	148	83.6
90	59.6	145	77.1
95	57.5	141	71.4
100	55.4	138	66.4
105	53.1	134	61.9
110	50.8	130	57.9
115	48.5	126	54.3
120	46	121	50.9
125	43.4	116	47.9
130	40.7	110	45.2
135	37.8	103	42.6
140	34.7	96	40.2
145	31.3	88	38.1
150	27.5	79	36.0
155	23.2	68	34.1
160	19.4	58	32.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

171

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b>			
21	86	178	302.3
25	84.6	177	298.6
30	82.9	177	289.6
35	81.2	176	228.3
40	79.5	175	214.3
45	77.8	174	193.9
50	76.1	173	161.2
55	74.4	171	145.6
60	72.6	169	135.9
65	70.8	168	119.8
70	69	166	109.3
75	67.2	164	99.2
80	65.3	161	90.6
85	63.5	159	83.2
90	61.6	156	76.7
95	59.6	153	71.0
100	57.6	150	66.0
105	55.6	147	61.5
110	53.5	143	57.5
115	51.4	139	53.8
120	49.1	134	50.5
125	46.8	130	47.5
130	44.5	125	44.7
135	42	119	42.2
140	39.3	113	39.8
145	36.5	106	37.7
150	33.5	99	35.6
155	30.2	91	33.7
160	27.6	83	32.1
165	23.5	72	30.4
170	18.6	59	28.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

181

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b>			
22	86	188	292.7
25	84.9	187	290.5
30	83.3	187	277.2
35	81.7	186	227.9
40	80.1	185	203.9
45	78.5	184	191.6
50	76.9	183	163.2
55	75.2	181	140.5
60	73.6	180	135.1
65	71.9	178	121.0
70	70.2	176	108.9
75	68.5	174	98.8
80	66.8	172	90.2
85	65	170	82.8
90	63.3	167	76.3
95	61.5	165	70.6
100	59.6	162	65.6
105	57.7	158	61.1
110	55.8	155	57.1
115	53.8	151	53.4
120	51.8	147	50.1
125	49.8	143	47.1
130	47.6	139	44.3
135	45.4	134	41.8
140	43.1	128	39.5
145	40.6	123	37.3
150	38.1	116	35.3
155	35.4	109	33.4
160	33.2	104	31.8
165	30.1	95	30.1
170	26.7	85	28.5
175	22.7	74	27.1
180	17.9	60	25.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

191

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b>			
22	86	197	260.5
25	85.2	197	260.5
30	83.7	197	249.2
35	82.2	196	229.7
40	80.6	195	197.3
45	79.1	194	188.6
50	77.6	193	168.3
55	76	192	138.4
60	74.4	190	130.5
65	72.9	189	120.6
70	71.3	187	108.5
75	69.7	185	98.4
80	68.1	183	89.8
85	66.4	181	82.3
90	64.8	178	75.9
95	63.1	176	70.2
100	61.3	173	63.7
105	59.6	170	60.6
110	57.8	167	56.6
115	56	164	52.9
120	54.2	160	49.6
125	52.3	156	46.6
130	50.3	152	43.9
135	48.3	147	41.3
140	46.2	143	39.0
145	44	137	36.8
150	41.8	132	34.8
155	40.1	127	33.0
160	37.6	121	31.3
165	35	114	29.7
170	32.2	106	28.1
175	29.2	97	26.6
180	25.8	87	25.2
185	21.9	75	23.9
190	17.2	61	22.7

## Load charts main boom

version: 9834376/26304  
degree rating: limited °  
footprint: extended track width  
counterweight [1000 lbs]: 188.5  
carbody counterweight [1000 lbs]: 79.4  
load fall point boom

main boom foot: 2220-1  
main boom head: 2220-1  
main boom (s): 2220 [ft]:

199

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>199 ft main boom</b>			
23	86	206	234.2
25	85.4	206	234.2
30	84	205	226.0
35	82.5	205	212.0
40	81.1	204	194.6
45	79.6	203	179.1
50	78.1	202	166.4
55	76.6	201	139.0
60	75.2	199	128.9
65	73.7	198	118.9
70	72.2	196	108.3
75	70.6	194	98.2
80	69.1	193	89.5
85	67.5	190	82.1
90	66	188	75.6
95	64.4	186	69.9
100	62.7	183	63.9
105	61.1	180	60.4
110	59.4	177	56.4
115	57.7	174	52.7
120	56	171	49.4
125	54.2	167	46.4
130	52.4	163	43.6
135	50.5	159	41.1
140	48.6	155	38.8
145	46.7	150	36.6
150	44.6	145	34.6
155	43.1	141	32.9
160	40.9	135	31.1
165	38.6	129	29.5
170	36.1	122	27.9
175	33.6	115	26.5
180	30.8	107	25.1
185	27.8	97	23.8
190	24.4	87	22.6
195	20.4	74	21.4
200	15.5	58	20.2



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

209

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>209 ft main boom</b>			
24	86	216	215.7
25	85.6	216	215.7
30	84.2	215	209.4
35	82.9	215	202.2
40	81.5	214	178.6
45	80.1	213	171.1
50	78.7	212	163.2
55	77.3	211	141.4
60	75.9	210	128.9
65	74.5	208	113.3
70	73	207	107.9
75	71.6	205	97.8
80	70.1	203	89.1
85	68.6	201	81.7
90	67.2	199	75.2
95	65.7	197	69.5
100	64.1	194	64.5
105	62.6	192	60.0
110	61	189	55.9
115	59.4	186	52.3
120	57.8	183	49.0
125	56.2	179	45.9
130	54.5	176	43.2
135	52.8	172	40.6
140	51	168	38.3
145	49.2	164	36.1
150	47.3	159	34.1
155	45.9	155	32.4
160	43.9	150	30.7
165	41.9	145	29.0
170	39.8	139	27.5
175	37.5	132	26.0
180	35.2	125	24.7
185	32.6	117	23.4
190	29.9	109	22.1
195	27	99	21.0
200	23.7	88	19.8
205	19.8	75	18.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

219

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom</b>			
24	86	226	201.2
25	85.8	226	201.2
30	84.5	225	196.7
35	83.2	225	189.7
40	81.9	224	177.4
45	80.5	223	166.6
50	79.2	222	157.8
55	77.9	221	145.3
60	76.5	220	131.0
65	75.2	218	110.5
70	73.8	217	105.9
75	72.4	215	97.4
80	71.1	214	88.7
85	69.7	212	81.3
90	68.2	210	74.8
95	66.8	208	69.1
100	65.4	205	64.0
105	63.9	203	59.5
110	62.4	200	55.5
115	61	197	51.8
120	59.4	194	48.5
125	57.9	191	45.5
130	56.3	188	42.7
135	54.7	184	40.2
140	53.1	181	37.8
145	51.4	177	35.7
150	49.7	172	33.7
155	48.4	169	32.0
160	46.6	164	30.2
165	44.7	159	28.6
170	42.8	154	27.0
175	40.8	148	25.6
180	38.7	142	24.2
185	36.6	135	22.9
190	34.2	128	21.7
195	31.8	120	20.6
200	29.1	111	19.5
205	26.2	101	18.4
210	23	90	17.4
215	19.2	76	16.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

229

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>229 ft main boom</b>			
25	86	236	180.1
30	84.7	235	178.0
35	83.5	235	172.4
40	82.2	234	165.3
45	81	233	151.8
50	79.7	232	148.4
55	78.4	231	141.6
60	77.1	230	116.7
65	75.8	229	109.3
70	74.5	227	103.1
75	73.2	226	97.0
80	71.9	224	88.3
85	70.6	222	80.8
90	69.2	220	74.3
95	67.9	218	68.6
100	66.5	216	63.5
105	65.1	214	59.0
110	63.7	211	55.0
115	62.3	209	51.3
120	60.9	206	48.0
125	59.4	203	45.0
130	58	200	42.2
135	56.5	196	39.7
140	54.9	193	37.3
145	53.4	189	35.2
150	51.8	185	33.2
155	50.6	182	31.5
160	48.9	178	29.7
165	47.2	173	28.1
170	45.4	168	26.5
175	43.6	163	25.1
180	41.8	157	23.7
185	39.8	151	22.4
190	37.8	145	21.2
195	35.6	138	20.1
200	33.4	131	19.0
205	31	122	17.9
210	28.4	113	16.9
215	25.5	103	16.0
220	22.3	91	15.1
225	18.6	77	14.2

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

238

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom</b>			
26	86	244	162.9
30	84.9	244	162.2
35	83.7	243	156.5
40	82.5	243	153.3
45	81.3	242	146.9
50	80.1	241	141.8
55	78.8	240	137.9
60	77.6	239	118.6
65	76.4	238	109.8
70	75.1	236	102.3
75	73.9	235	92.4
80	72.6	233	88.0
85	71.3	232	80.5
90	70	230	74.0
95	68.7	228	68.3
100	67.4	226	63.3
105	66.1	224	58.7
110	64.8	221	54.7
115	63.4	219	51.0
120	62.1	216	47.7
125	60.7	213	44.7
130	59.3	210	41.9
135	57.9	207	39.4
140	56.4	204	37.1
145	54.9	200	34.9
150	53.8	197	33.0
155	52.3	194	31.2
160	50.8	189	29.4
165	49.2	185	27.8
170	47.5	181	26.3
175	45.9	176	24.8
180	44.1	171	23.5
185	42.3	165	22.2
190	40.5	159	21.0
195	38.6	153	19.8
200	36.6	146	18.7
205	34.4	139	17.7
210	32.2	131	16.7
215	29.8	123	15.7
220	27.2	113	14.8
225	24.4	102	14.0
230	21.1	90	13.1
235	17.3	75	12.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

248

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>248 ft main boom</b>			
26	86	254	150.5
30	85.1	254	150.4
35	84	253	147.8
40	82.8	253	145.7
45	81.6	252	141.2
50	80.5	251	137.4
55	79.3	250	134.5
60	78.1	249	121.7
65	76.9	248	111.8
70	75.7	247	103.1
75	74.5	245	89.7
80	73.3	244	87.6
85	72.1	242	80.1
90	70.9	240	73.6
95	69.6	238	67.9
100	68.4	236	62.3
105	67.1	234	58.3
110	65.9	232	54.2
115	64.6	230	50.6
120	63.3	227	47.3
125	62	224	44.2
130	60.6	222	41.5
135	59.3	219	38.9
140	57.9	216	36.6
145	56.5	212	34.4
150	55.5	210	32.6
155	54.1	206	30.7
160	52.6	202	28.9
165	51.1	198	27.3
170	49.6	194	25.8
175	48.1	189	24.3
180	46.5	185	23.0
185	44.8	180	21.7
190	43.1	174	20.5
195	41.4	169	19.3
200	39.6	163	18.2
205	37.7	156	17.2
210	35.7	149	16.2
215	33.6	142	15.3
220	31.5	134	14.4
225	29.1	125	13.5
230	26.6	115	12.7
235	23.8	104	11.9
240	20.6	91	11.1
245	16.8	76	10.4

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

258

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom</b>			
27	86	264	141.7
30	85.3	264	141.7
35	84.2	263	140.1
40	83.1	263	138.8
45	82	262	136.0
50	80.8	261	133.4
55	79.7	260	131.3
60	78.6	259	125.5
65	77.4	258	114.7
70	76.3	257	105.1
75	75.1	255	88.1
80	74	254	86.1
85	72.8	252	79.7
90	71.6	251	73.2
95	70.5	249	67.4
100	69.3	247	61.4
105	68.1	245	57.8
110	66.8	243	53.8
115	65.6	241	50.1
120	64.4	238	46.8
125	63.1	236	43.8
130	61.9	233	41.0
135	60.6	230	38.4
140	59.3	227	36.1
145	58	224	33.9
150	57	222	32.1
155	55.7	218	30.2
160	54.3	215	28.5
165	52.9	211	26.8
170	51.5	207	25.3
175	50	203	23.9
180	48.5	198	22.5
185	47	193	21.2
190	45.5	189	20.0
195	43.9	183	18.9
200	42.2	178	17.8
205	40.5	172	16.7
210	38.7	166	15.7
215	36.9	159	14.8
220	34.9	152	13.9
225	32.9	144	13.1
230	30.7	136	12.2
235	28.4	127	11.5
240	25.9	117	10.7
245	23.2	106	10.0
250	20.1	93	9.3
255	16.3	77	8.6

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

267

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>267 ft main boom</b>			
28	86	274	127.3
30	85.5	274	127.3
35	84.4	273	126.1
40	83.3	273	124.9
45	82.3	272	123.2
50	81.2	271	121.5
55	80.1	270	120.0
60	79	269	118.9
65	77.9	268	110.4
70	76.8	267	101.8
75	75.7	266	86.3
80	74.6	264	83.4
85	73.5	263	79.2
90	72.3	261	72.7
95	71.2	259	67.0
100	70.1	258	60.8
105	68.9	256	57.4
110	67.8	254	53.3
115	66.6	251	49.6
120	65.4	249	46.3
125	64.2	247	43.3
130	63	244	40.5
135	61.8	241	37.9
140	60.6	239	35.6
145	59.3	236	33.4
150	58.4	233	31.3
155	57.1	230	29.7
160	55.8	227	28.0
165	54.5	223	26.3
170	53.2	219	24.8
175	51.8	215	23.3
180	50.4	211	22.0
185	49	207	20.7
190	47.5	202	19.5
195	46	197	18.3
200	44.5	192	17.2
205	42.9	187	16.2
210	41.3	181	15.2
215	39.6	175	14.3
220	37.9	169	13.4
225	36.1	162	12.5
230	34.2	155	11.7
235	32.2	147	10.9
240	30.1	138	10.2
245	27.8	129	9.5
250	25.4	119	8.8
255	22.6	107	8.1
260	19.6	94	7.4
265	15.9	77	6.8

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

276

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>276 ft main boom</b>			
28	86	283	116.1
30	85.6	283	116.1
35	84.6	282	115.3
40	83.6	282	114.2
45	82.5	281	113.0
50	81.5	280	111.5
55	80.4	279	110.3
60	79.4	278	109.3
65	78.3	277	104.5
70	77.2	276	97.2
75	76.2	275	85.6
80	75.1	273	82.0
85	74	272	78.9
90	72.9	270	72.4
95	71.8	269	66.6
100	70.7	267	61.0
105	69.6	265	57.0
110	68.5	263	53.0
115	67.4	261	49.3
120	66.2	259	46.0
125	65.1	257	42.9
130	63.9	254	40.2
135	62.8	252	37.6
140	61.6	249	35.3
145	60.4	246	33.1
150	59.5	244	29.7
155	58.3	241	28.9
160	57.1	237	27.6
165	55.8	234	26.0
170	54.5	230	24.5
175	53.2	227	23.0
180	51.9	223	21.7
185	50.6	219	20.4
190	49.2	214	19.2
195	47.8	210	18.0
200	46.4	205	16.9
205	44.9	200	15.9
210	43.4	195	14.9
215	41.8	189	14.0
220	40.2	183	13.1
225	38.6	177	12.2
230	36.9	170	11.4
235	35.1	163	10.7
240	33.2	156	9.9
245	31.2	148	9.2
250	29.1	139	8.5
255	26.8	129	7.8
260	24.3	118	7.2
265	21.6	106	6.6
270	18.5	92	6.0



## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

286

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>286 ft main boom</b>			
29	86	293	108.0
30	85.8	292	108.0
35	84.8	292	107.2
40	83.8	291	105.9
45	82.8	291	104.8
50	81.8	290	103.3
55	80.7	289	101.9
60	79.7	288	100.8
65	78.7	287	98.9
70	77.7	286	90.3
75	76.6	285	85.2
80	75.6	284	80.6
85	74.6	282	76.6
90	73.5	281	71.9
95	72.5	279	66.2
100	71.4	278	61.1
105	70.4	276	56.6
110	69.3	274	52.5
115	68.2	272	48.8
120	67.1	270	45.5
125	66	267	42.4
130	64.9	265	39.7
135	63.8	263	37.1
140	62.7	260	34.8
145	61.8	258	31.2
150	60.7	255	30.2
155	59.5	252	28.9
160	58.3	249	27.1
165	57.1	246	25.5
170	55.9	242	24.0
175	54.7	239	22.5
180	53.5	235	21.1
185	52.2	231	19.9
190	50.9	227	18.7
195	49.6	223	17.5
200	48.2	219	16.4
205	46.9	214	15.4
210	45.5	209	14.4
215	44	204	13.5
220	42.5	198	12.6
225	41	193	11.7
230	39.4	187	10.9
235	37.8	180	10.1
240	36.1	173	9.4
245	34.4	166	8.7
250	32.5	158	8.0
255	30.6	150	7.3
260	28.5	141	6.7
265	26.2	131	6.1
270	23.8	120	5.5
275	21.1	107	4.9
280	18	93	4.3

## Load charts main boom

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:

296

radius [ft]:	main boom angle [°]:	tip height [ft]:	capacity [1000 lbs]
<b>296 ft main boom</b>			
30	86	302	101.3
30	85.9	302	101.3
35	85	302	100.8
40	84	301	99.3
45	83	301	98.3
50	82	300	95.3
55	81.1	299	93.8
60	80.1	298	92.5
65	79.1	297	91.5
70	78.1	296	87.0
75	77.1	295	82.3
80	76.1	294	78.0
85	75.1	293	74.1
90	74.1	291	70.8
95	73.1	290	65.7
100	72.1	288	60.6
105	71	286	56.1
110	70	284	52.0
115	69	282	48.3
120	67.9	280	45.0
125	66.9	278	42.0
130	65.8	276	39.2
135	64.7	274	36.6
140	63.7	271	34.3
145	62.8	269	32.0
150	61.7	266	30.3
155	60.6	264	28.4
160	59.5	261	26.7
165	58.4	258	25.0
170	57.2	254	23.5
175	56.1	251	22.0
180	54.9	247	20.7
185	53.7	244	19.4
190	52.4	240	18.2
195	51.2	236	17.0
200	49.9	232	15.9
205	48.6	227	14.9
210	47.3	223	13.9
215	46	218	13.0
220	44.6	213	12.1
225	43.2	207	11.2
230	41.7	202	10.4
235	40.2	196	9.7
240	38.7	190	8.9
245	37.1	183	8.2
250	35.4	176	7.5
255	33.7	169	6.9
260	31.9	161	6.2
265	30	152	5.6
270	27.9	143	5.0
275	25.7	133	4.4
280	23.3	121	3.9
285	20.7	109	3.4
290	17.6	94	2.8

**Load charts main boom + fixed jib****Load charts**

The LR1250 meets ANSI B30.5 requirements. (including SAE J987, SAE J 765)

The crane classification acc. ISO 4301/1 and /2 given by the manufacturer is A1 (Q1, U2). Please see also operating manual chapter 2.2.2 where the state of loading (Q1) and the class of utilization (U2) is explained.

All radii which are allowed show a rated capacity, other length and radii are not approved.

Load ratings are based on the freely suspended load.

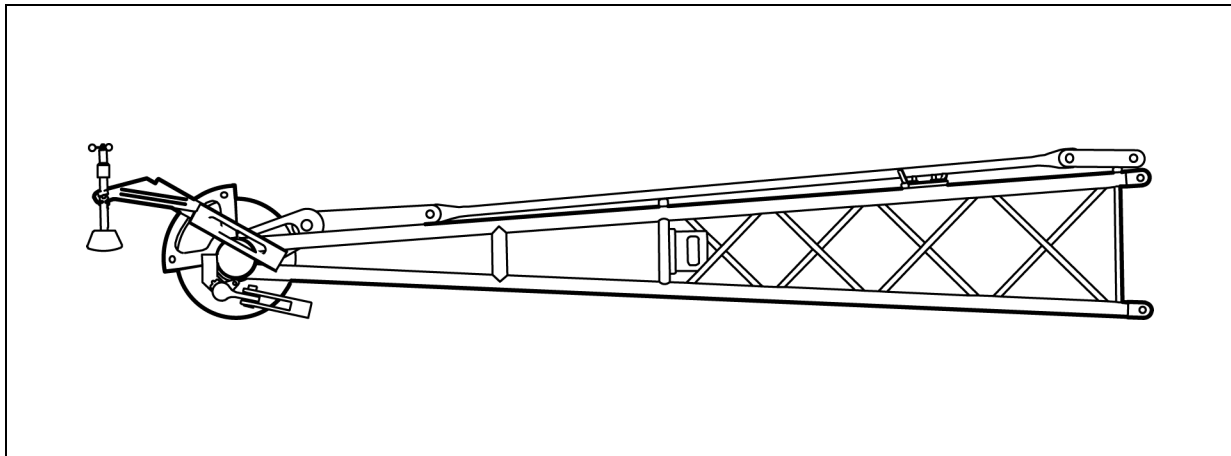
All loads shown do not exceed 75% of the tipping load. Grey shaded areas show, where structure is the limiting factor.

The charts are only valid for off level ground conditions of up to 1%.

Hooks, load blocks, slings, hoist lines or any other fixing device below the boom head are considered as part of the load.

The nominal line pull at the hoisting winch is 33730 lbs (150kN). These values shall not be exceeded. Please refer to the following table. The coefficient of efficiency is included:

Boom head 1008-1	1008.20	5.5m [18ft]	2 rope pulleys (maximum parts of line: 3)
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Parts of line	1	2	3
Capacity [lbs]	32628	64595	69000
Capacity [t]	14.8	29.3	31.3

Please refer also to reeving instructions in chapter 8 of the manual.

Load chart is calculated for original crane and boom sections in new and perfect conditions as approved by LIEBHERR. Any damages, non factory approved alterations or additions will reduce or prohibit it's use.

**Load charts main boom + fixed jib**

The load has to be reduced if the pendant straps of the luffing jib remain on the main boom.  
For each insert, where the pendants remain on the boom the capacity has to be reduced according to the following table:

Insert 8.9ft (3.0m)	Insert 19.7ft (6.0m)	Insert 38.4ft (11.7m)
110 lbs (50kg)	187 lbs (85kg)	375 lbs (170kg)

All pendant straps of the luffing jib have to be removed for the boom length from 69.8m [229'] Removing all luffing jib pendants for all boom-length is always recommended.

The crane operator shall be qualified like given information in chapter 2.2.4 of the operating manual.  
The operator and assistant personnel associated with the crane shall read and fully understand the latest applicable ANSI code for mobile crane (ANSI B30.5).  
Dynamic effects due to hoisting and lowering of the load, booming, swinging, travel and wind must be considered by the crane operator. The operator shall therefore reduce load ratings in order to take these conditions into account.

Rated lifting capacities do not account for effects of wind on a suspended load or boom.  
Judgment and experience of the crane operator, job planners and supervisors must be used to compensate for affect of wind on the lifted load and boom by reducing ratings, reducing speeds or a combination of both. Local conditions have to be considered additionally (e.g. wind effects between and around buildings).

As a guideline the following table show rating reductions [%] which shall be used as a minimum. For changing wind speeds an especially for gusts of wind the maximum wind speed must be used. For wind speeds between given values the maximum wind speed shall be taken. The following table is valid only for the LR1250 and the attached chart.

		All combinations
Wind speed [MPH]	Wind speed [m/s]	Percent rating reduction [%]
15	7	0
20	9	10
25	11	10
30	13	10
35	16	20
Above 35	Above 16	<b>Operation not permitted</b>

Additional reduction shall be done for light loads with a large sail area of the load. (larger than 1m<sup>2</sup>/1000kg load or 0.7 square inch per 1lbs load)

Parking positions of the boom are given in chapter 2.2.9 of the manual.

If a wind speed of more than 44.7MPH (20m/s) is expected or forecast in the wheetar forecast, the complete boom shall be lowered horizontally to the ground early enough. (see chapter 2.2.6 manual)

The crane is authorized for use in outdoor temperatures of between -20°C and +40°C.

Travel:

There is no restriction of the position of the superstructure in relation to the crawlers.  
Capacity charts are based on static conditions. Travelling allways creates dynamic effects on the crane. Therefore deratings are required. For a rule of thumb to travel with speeds up to 0.9mph (0.4m/s) on even surface with no more than 1% offlevel the following derating should be applied.:

90% of Rated capacity but no less than 2200lbs. (1000kg)
--

In case special deratings are required, calculation should be made based on 100% of the load chart.

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	64.0	68.8	114	47.4
70	62.0	114	63.3	66.1	111	45.1
75	59.3	110	61.1	63.2	107	43.1
80	56.4	107	57.6	60.3	104	41.5
85	53.5	103	54.5	57.3	100	40.0
90	50.4	98	51.7	54.1	95	38.5
95	47.2	94	49.5	50.7	90	37.3
100	43.8	88	47.4	47.1	84	36.3
105	40.1	82	45.5	43.2	77	35.6
110	36.0	75	43.7	38.9	70	34.9
115				33.9	60	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	42.3	63.3	112	32.5
90	55.4	111	40.2	60.5	108	32.2
95	52.6	107	38.3	57.6	103	31.0
100	49.6	102	36.7	54.5	98	29.9
105	46.5	97	35.3	51.2	93	29.0
110	43.2	91	34.1	47.8	87	28.2
115	40.4	86	32.9	44.0	80	27.7
120	36.6	78	32.7	39.8	72	27.2
125				35.0	62	26.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	29.5	54.2	101	22.4
115	46.5	101	28.8	51.0	95	21.8
120	43.4	95	27.8	47.6	88	21.2
125	40.0	88	26.8	43.9	81	20.9
130	36.2	80	25.9	39.7	72	20.6
135				34.9	61	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.9	43.8	81	16.4
140	35.9	82	20.3	39.6	72	16.2
145				34.8	60	16.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	69.0	74.2	138	52.4
65	68.4	138	66.4	72.0	135	50.1
70	66.2	136	64.3	69.8	133	48.1
75	63.9	133	63.4	67.5	130	46.0
80	61.6	131	62.7	65.1	127	44.2
85	59.3	127	60.7	62.7	124	42.6
90	56.9	124	57.7	60.2	121	41.3
95	54.4	120	55.0	57.6	117	40.0
100	51.8	116	52.6	54.9	112	38.8
105	49.1	111	50.5	52.1	108	37.7
110	46.3	106	48.7	49.2	102	36.7
115	43.3	101	47.0	46.1	97	36.0
120	40.1	95	45.3	42.8	90	35.4
125	36.7	88	42.9	39.1	83	34.8
130	32.9	80	40.4	35.1	74	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	51.1	71.3	140	35.1
80	64.9	141	48.4	69.1	137	33.8
85	62.8	139	46.1	67.3	135	32.9
90	60.6	135	44.2	65.1	132	32.6
95	58.3	132	42.2	62.7	128	32.3
100	56.0	128	40.4	60.3	125	32.0
105	53.5	124	38.7	57.8	120	31.0
110	51.0	120	37.3	55.2	116	30.1
115	48.4	115	36.0	52.5	111	29.3
120	45.7	109	34.9	49.7	105	28.5
125	42.8	104	33.9	46.7	99	27.9
130	40.4	98	32.9	43.4	92	27.5
135	37.1	91	32.7	39.9	85	27.1
140	33.5	83	32.5	36.0	76	26.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	59.6	140	33.1	64.5	136	25.3
105	57.8	137	32.2	62.3	132	24.5
110	55.6	133	31.3	59.9	128	23.8
115	53.3	129	30.5	57.5	123	23.1
120	50.9	124	29.8	55.0	118	22.5
125	48.4	119	29.1	52.3	113	21.9
130	45.7	114	28.4	49.5	107	21.4
135	43.0	108	27.6	46.6	100	21.0
140	40.0	101	26.7	43.3	93	20.8
145	36.8	93	25.9	39.8	85	20.5
150	33.3	85	25.2	35.9	75	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	25.3	59.5	131	18.4
125	52.5	133	24.3	57.2	126	17.9
130	50.2	128	23.5	54.7	121	17.5
135	47.8	122	22.8	52.1	115	17.1
140	45.2	117	22.1	49.4	109	16.7
145	42.5	110	21.4	46.4	102	16.4
150	39.6	103	20.8	43.2	94	16.3
155	36.5	95	20.2	39.7	85	16.1
160	33.1	86	19.6	35.8	74	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	18.2	51.9	117	14.0
150	44.7	119	17.7	49.2	110	13.8
155	42.1	113	17.3	46.3	103	13.6
160	39.3	105	16.8	43.1	94	13.5
165	36.2	97	16.4	39.7	85	13.4
170	32.8	87	16.0	35.7	74	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.3	46.1	104	11.3
170	38.9	107	14.0	43.0	95	11.3
175	35.9	99	13.7	39.6	85	11.2
180	32.6	89	13.4	35.6	73	11.1



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	69.0	76.2	158	54.7
65	71.0	159	69.0	74.3	156	52.2
70	69.1	157	67.2	72.3	154	50.1
75	67.2	154	64.5	70.4	151	48.5
80	65.2	152	63.6	68.3	149	46.5
85	63.2	149	62.7	66.3	146	44.8
90	61.2	146	62.0	64.2	143	43.3
95	59.1	143	60.1	62.1	140	42.1
100	57.0	140	57.5	59.9	136	41.0
105	54.8	136	54.5	57.6	132	39.8
110	52.5	132	51.0	55.3	128	38.8
115	50.2	128	47.8	52.9	124	37.8
120	47.7	123	44.9	50.4	119	36.9
125	45.2	118	42.2	47.7	113	36.2
130	42.5	112	39.8	44.9	108	35.4
135	39.7	106	37.5	42.0	101	34.5
140	36.7	99	35.4	38.8	94	33.7
145	33.4	91	33.5	36.1	87	32.8
150				32.3	78	32.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	57.1	75.4	163	37.8
75	69.7	165	54.8	73.5	161	36.3
80	67.9	162	52.0	71.7	158	35.2
85	66.0	160	49.4	69.7	156	34.1
90	64.1	157	47.2	68.2	154	32.9
95	62.2	154	45.3	66.2	151	32.6
100	60.2	151	43.6	64.2	147	32.3
105	58.2	148	41.9	62.1	144	32.0
110	56.2	144	40.3	60.0	140	31.6
115	54.0	140	38.9	57.8	136	30.8
120	51.8	136	37.5	55.6	132	30.0
125	49.6	131	36.3	53.2	127	29.3
130	47.2	126	35.3	50.8	122	28.7
135	44.7	121	34.3	48.2	116	28.1
140	42.1	115	33.2	45.5	110	27.7
145	40.0	110	31.5	42.6	103	27.3
150	37.1	102	30.8	39.5	96	27.0
155	33.9	94	30.2	36.1	87	26.7
160				32.2	77	26.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	38.2	71.4	163	28.4
95	65.0	165	36.6	69.6	161	27.5
100	63.1	162	35.1	67.7	158	26.5
105	61.3	159	33.9	65.7	154	25.7
110	59.8	157	33.0	63.8	151	24.9
115	57.8	153	32.1	61.7	147	24.3
120	55.8	149	31.3	59.7	143	23.7
125	53.8	145	30.6	57.5	139	23.1
130	51.7	141	29.9	55.3	134	22.5
135	49.5	136	29.3	53.0	129	22.0
140	47.2	131	28.7	50.6	124	21.5
145	44.8	125	28.0	48.1	118	21.1
150	42.3	119	27.2	45.4	111	20.9
155	39.6	112	26.5	42.5	104	20.7
160	36.8	104	25.8	39.4	96	20.4
165	33.7	96	25.2	36.0	86	20.2
170				32.1	75	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	28.8	67.1	162	20.4
115	60.8	165	28.2	65.3	158	19.7
120	58.9	161	27.2	63.3	154	19.2
125	57.0	157	26.2	61.4	150	18.7
130	55.1	153	25.3	59.3	146	18.3
135	53.1	149	24.4	57.2	142	17.9
140	51.0	144	23.7	55.1	137	17.5
145	48.9	139	23.0	52.8	131	17.1
150	46.7	134	22.4	50.4	125	16.8
155	44.4	128	21.8	47.9	119	16.5
160	41.9	121	21.3	45.3	112	16.3
165	39.3	114	20.7	42.4	104	16.2
170	36.5	106	20.2	39.3	96	16.1
175	33.5	98	19.7	35.9	86	15.9
180				32.0	74	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.5	62.9	158	15.5
135	56.3	161	20.8	61.0	154	15.2
140	54.4	157	20.1	59.0	149	14.9
145	52.5	153	19.5	57.0	144	14.6
150	50.5	148	18.9	54.8	139	14.3
155	48.4	142	18.4	52.6	133	14.0
160	46.2	137	17.9	50.3	127	13.8
165	43.9	130	17.5	47.8	120	13.6
170	41.5	124	17.1	45.2	113	13.5
175	39.0	116	16.7	42.4	105	13.4
180	36.3	108	16.3	39.3	96	13.3
185	33.3	99	15.9	35.8	85	13.2
190				31.8	72	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.9	56.7	147	12.2
160	49.9	151	15.5	54.6	141	11.9
165	47.9	145	15.1	52.4	135	11.7
170	45.7	139	14.8	50.1	129	11.5
175	43.5	133	14.5	47.7	122	11.4
180	41.2	126	14.2	45.1	114	11.3
185	38.7	118	14.0	42.3	105	11.2
190	36.0	110	13.7	39.2	96	11.2
195	33.1	100	13.4	35.7	84	11.1
200				31.6	71	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	68.8	77.8	178	56.8
65	73.2	180	68.8	76.1	177	54.3
70	71.5	178	68.9	74.4	175	52.1
75	69.8	176	68.2	72.7	173	50.2
80	68.1	174	66.0	70.9	171	48.7
85	66.4	171	63.6	69.2	168	47.1
90	64.6	169	62.6	67.4	166	45.5
95	62.8	166	61.7	65.5	163	44.1
100	61.0	163	57.5	63.7	160	42.8
105	59.1	160	53.6	61.8	157	41.7
110	57.2	157	50.0	59.8	153	40.8
115	55.3	153	46.8	57.8	149	39.8
120	53.3	149	43.9	55.8	145	38.8
125	51.3	145	41.3	53.7	141	38.0
130	49.1	141	38.8	51.5	137	37.2
135	46.9	136	36.6	49.2	131	36.5
140	44.7	130	34.5	46.9	126	35.0
145	42.8	126	31.7	44.9	121	32.6
150	40.3	120	30.7	42.4	115	31.3
155	37.7	113	29.2	39.6	108	29.6
160	34.9	106	27.7	36.7	100	27.9
165	31.9	98	26.2	33.4	91	26.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	61.6	78.6	186	40.4
70	73.5	188	59.1	77.0	184	39.0
75	71.9	186	57.1	75.4	182	37.6
80	70.3	184	55.4	73.7	180	36.3
85	68.7	182	52.8	72.1	178	35.2
90	67.0	179	50.4	70.4	175	34.4
95	65.4	177	48.3	68.6	173	33.4
100	63.7	174	46.4	67.3	170	32.7
105	61.9	171	44.7	65.5	167	32.4
110	60.2	168	43.3	63.7	164	32.1
115	58.4	165	41.8	61.8	161	31.9
120	56.5	161	40.4	59.9	157	31.6
125	54.6	157	39.1	58.0	153	30.8
130	52.7	153	37.8	56.0	149	30.1
135	50.7	149	36.7	54.0	144	29.4
140	48.6	144	35.2	51.8	140	28.8
145	46.5	139	33.3	49.6	134	28.3
150	44.8	135	31.6	47.3	129	27.8
155	42.5	129	29.9	44.9	123	27.5
160	40.0	122	28.3	42.3	116	27.2
165	37.5	115	26.8	39.6	108	26.9
170	34.7	108	25.4	36.6	100	25.7
175	31.7	99	24.1	33.4	91	24.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	42.2	75.0	187	30.3
90	69.2	190	40.5	73.4	185	29.3
95	67.6	188	38.8	71.8	183	28.4
100	66.0	185	37.3	70.2	180	27.7
105	64.4	182	35.9	68.5	177	26.8
110	62.8	179	34.7	66.8	174	26.1
115	61.1	176	33.7	65.1	171	25.4
120	59.7	174	33.0	63.3	168	24.7
125	58.0	170	32.2	61.5	164	24.2
130	56.2	166	31.5	59.6	160	23.7
135	54.4	162	30.7	57.7	156	23.1
140	52.5	158	30.1	55.8	152	22.6
145	50.6	153	29.5	53.8	147	22.2
150	48.6	148	28.9	51.7	142	21.7
155	46.5	143	28.4	49.5	136	21.3
160	44.4	138	27.6	47.2	130	21.0
165	42.1	131	26.9	44.8	124	20.8
170	39.7	125	26.1	42.3	116	20.6
175	37.2	117	24.7	39.5	108	20.4
180	34.5	109	23.5	36.6	100	20.2
185	31.6	100	22.3	33.3	90	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.9	72.8	190	22.5
105	67.0	194	31.0	71.3	187	21.9
110	65.4	191	30.1	69.7	184	21.3
115	63.9	188	29.3	68.0	181	20.6
120	62.3	185	28.5	66.4	178	20.0
125	60.6	182	27.9	64.7	175	19.5
130	59.0	178	27.1	62.9	171	19.0
135	57.3	174	26.2	61.2	167	18.6
140	55.5	170	25.4	59.3	163	18.2
145	53.8	166	24.6	57.5	159	17.8
150	51.9	162	23.9	55.6	154	17.5
155	50.0	157	23.2	53.6	149	17.2
160	48.1	152	22.6	51.5	144	16.9
165	46.1	146	22.1	49.4	138	16.6
170	44.0	140	21.6	47.1	131	16.4
175	41.8	134	21.1	44.7	124	16.2
180	39.4	127	20.7	42.2	117	16.1
185	36.9	119	20.2	39.5	109	16.0
190	34.3	111	19.8	36.5	99	15.9
195	31.4	102	19.4	33.2	88	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.8	69.1	189	16.9
125	63.0	193	23.2	67.6	185	16.4
130	61.5	190	22.7	65.9	182	16.0
135	59.9	186	22.2	64.3	178	15.7
140	58.3	183	21.5	62.6	175	15.3
145	56.6	179	20.8	60.8	170	15.1
150	54.9	174	20.2	59.1	166	14.8
155	53.2	170	19.6	57.2	161	14.5
160	51.4	165	19.1	55.3	156	14.3
165	49.5	160	18.6	53.4	151	14.1
170	47.6	155	18.1	51.3	145	13.8
175	45.6	149	17.7	49.2	139	13.7
180	43.6	143	17.4	47.0	133	13.5
185	41.4	136	17.0	44.6	125	13.4
190	39.1	129	16.7	42.1	117	13.3
195	36.7	121	16.4	39.4	109	13.3
200	34.1	113	16.1	36.4	99	13.2
205	31.2	103	15.8	33.1	87	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.5	65.5	186	13.3
145	59.2	191	17.9	63.9	182	13.1
150	57.6	187	17.4	62.2	178	12.8
155	56.0	183	16.9	60.5	173	12.6
160	54.3	178	16.5	58.8	169	12.4
165	52.6	174	16.0	57.0	164	12.2
170	50.9	169	15.7	55.1	159	12.0
175	49.1	164	15.3	53.2	153	11.8
180	47.2	158	15.0	51.2	147	11.6
185	45.2	152	14.7	49.1	141	11.4
190	43.2	146	14.4	46.9	134	11.3
195	41.1	139	14.2	44.5	126	11.2
200	38.8	131	13.9	42.0	118	11.2
205	36.5	123	13.7	39.3	109	11.1
210	33.9	114	13.5	36.3	98	11.1
215	31.1	104	13.3	33.0	86	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	68.7	79.0	198	57.4
65	74.8	199	68.8	77.5	196	55.6
70	73.3	198	68.8	75.9	195	53.5
75	71.8	196	68.9	74.4	193	51.6
80	70.3	194	69.0	72.8	191	50.0
85	68.7	192	65.6	71.3	189	48.7
90	67.2	190	60.9	69.7	186	47.4
95	65.6	187	58.5	68.1	184	45.9
100	64.0	185	56.2	66.4	181	44.6
105	62.3	182	52.8	64.8	179	43.4
110	60.7	179	49.2	63.1	176	42.3
115	59.0	176	46.0	61.4	172	41.4
120	57.3	173	43.1	59.6	169	40.4
125	55.5	169	40.5	57.8	165	39.2
130	53.7	165	38.1	56.0	161	38.0
135	51.9	161	35.8	54.1	157	36.5
140	50.0	157	33.7	52.2	153	34.4
145	48.5	153	32.0	50.6	149	32.6
150	46.5	148	30.2	48.5	144	30.7
155	44.4	143	28.5	46.4	138	29.0
160	42.2	137	26.9	44.1	133	27.4
165	40.0	131	25.5	41.8	126	25.8
170	37.6	124	24.1	39.3	119	24.4
175	35.1	117	22.8	36.7	111	23.1
180	32.4	109	21.5	33.8	103	21.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.7	81.1	206	42.6
65	76.5	209	64.2	79.7	205	41.1
70	75.1	208	61.5	78.2	203	39.9
75	73.6	206	59.1	76.8	202	38.6
80	72.2	204	57.1	75.3	200	37.3
85	70.7	202	55.4	73.8	198	36.2
90	69.2	200	53.3	72.3	196	35.2
95	67.7	198	51.1	70.8	193	34.4
100	66.2	195	49.1	69.2	191	33.6
105	64.7	193	47.2	68.0	189	32.8
110	63.1	190	45.6	66.4	186	32.5
115	61.5	187	44.1	64.8	183	32.2
120	59.9	184	42.8	63.1	180	32.0
125	58.3	181	41.0	61.4	176	31.7
130	56.6	177	38.8	59.7	173	31.4
135	54.9	173	36.5	58.0	169	30.7
140	53.2	169	34.4	56.2	165	30.1
145	51.8	166	32.6	54.3	161	29.5
150	49.9	161	30.8	52.4	156	28.9
155	48.0	157	29.1	50.5	151	28.4
160	46.1	151	27.6	48.4	145	28.0
165	44.0	146	26.1	46.3	140	26.6
170	41.9	140	24.7	44.1	133	25.2
175	39.7	133	23.4	41.8	127	23.8
180	37.4	127	22.1	39.3	119	22.5
185	34.9	119	21.0	36.6	111	21.3
190	32.2	110	19.9	33.7	102	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	44.1	77.9	209	32.2
85	72.5	212	43.0	76.4	207	31.2
90	71.1	210	42.0	75.0	205	30.1
95	69.7	208	40.8	73.5	203	29.2
100	68.3	206	39.2	72.1	201	28.4
105	66.8	203	37.8	70.6	198	27.8
110	65.3	201	36.5	69.1	196	27.0
115	63.8	198	35.3	67.5	193	26.2
120	62.3	195	34.2	66.0	190	25.6
125	60.8	192	33.3	64.4	187	24.9
130	59.6	189	33.0	62.8	183	24.4
135	58.0	186	32.2	61.1	180	23.9
140	56.3	182	31.5	59.5	176	23.4
145	54.7	178	30.8	57.7	172	23.0
150	53.0	174	30.2	56.0	167	22.5
155	51.2	170	29.6	54.2	163	22.1
160	49.4	165	28.2	52.3	158	21.7
165	47.6	160	26.7	50.3	153	21.4
170	45.7	154	25.3	48.3	147	21.1
175	43.7	149	24.0	46.2	141	20.8
180	41.6	142	22.8	44.0	134	20.6
185	39.4	136	21.6	41.7	127	20.5
190	37.2	129	20.5	39.2	119	20.3
195	34.7	121	19.4	36.6	111	19.7
200	32.1	112	18.4	33.7	101	18.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.7	75.8	213	23.8
100	70.4	217	33.1	74.4	210	23.1
105	69.0	214	32.1	73.0	208	22.4
110	67.6	212	31.2	71.5	206	21.9
115	66.2	209	30.3	70.1	203	21.4
120	64.8	207	29.5	68.6	200	20.8
125	63.4	204	28.8	67.1	197	20.2
130	61.9	201	28.2	65.6	194	19.7
135	60.4	197	27.7	64.0	190	19.3
140	58.9	194	26.9	62.5	187	18.9
145	57.3	190	26.1	60.8	183	18.5
150	55.7	186	25.3	59.2	179	18.2
155	54.1	182	24.6	57.5	175	17.8
160	52.4	178	24.0	55.8	170	17.5
165	50.7	173	23.4	54.0	165	17.2
170	49.0	168	22.8	52.1	160	16.9
175	47.2	163	22.3	50.2	154	16.7
180	45.3	157	21.8	48.2	148	16.4
185	43.4	151	21.3	46.1	142	16.3
190	41.3	145	20.8	44.0	135	16.2
195	39.2	138	19.9	41.7	128	16.1
200	36.9	131	18.9	39.2	119	16.0
205	34.5	122	17.9	36.5	110	15.9
210	31.9	113	17.0	33.6	100	15.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	25.1	72.5	213	17.8
120	66.8	217	24.5	71.0	210	17.4
125	65.4	215	23.9	69.6	207	17.0
130	64.0	212	23.4	68.2	204	16.6
135	62.6	209	22.9	66.7	201	16.2
140	61.2	205	22.5	65.2	197	15.8
145	59.7	202	22.0	63.7	194	15.5
150	58.2	198	21.3	62.1	190	15.2
155	56.7	194	20.7	60.6	186	15.0
160	55.1	190	20.2	58.9	182	14.7
165	53.6	186	19.6	57.3	177	14.5
170	51.9	181	19.1	55.6	172	14.2
175	50.3	177	18.7	53.8	167	14.0
180	48.5	172	18.3	52.0	162	13.8
185	46.8	166	17.9	50.1	156	13.6
190	44.9	160	17.6	48.1	150	13.4
195	43.0	154	17.2	46.1	143	13.3
200	41.0	147	16.9	43.9	136	13.3
205	38.9	140	16.6	41.6	128	13.2
210	36.7	132	16.3	39.1	119	13.2
215	34.3	124	16.1	36.5	110	13.1
220	31.8	114	15.8	33.5	99	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	19.1	69.2	211	14.0
140	63.2	217	18.8	67.8	208	13.7
145	61.9	214	18.5	66.3	205	13.4
150	60.5	210	18.3	64.9	201	13.1
155	59.0	206	17.8	63.4	197	12.9
160	57.6	203	17.3	61.8	193	12.6
165	56.1	199	16.9	60.3	189	12.5
170	54.6	194	16.5	58.7	185	12.3
175	53.0	190	16.1	57.0	180	12.1
180	51.4	185	15.7	55.4	175	11.9
185	49.8	180	15.4	53.6	169	11.7
190	48.1	175	15.1	51.8	164	11.6
195	46.4	169	14.8	49.9	158	11.4
200	44.6	163	14.6	48.0	151	11.3
205	42.7	157	14.3	46.0	144	11.2
210	40.7	150	14.1	43.8	137	11.2
215	38.7	142	13.9	41.5	128	11.2
220	36.5	134	13.7	39.1	119	11.1
225	34.1	125	13.5	36.4	109	11.1
230	31.6	116	13.3	33.4	98	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	68.9	80.0	218	58.6
65	76.2	220	67.0	78.6	217	56.8
70	74.8	218	64.3	77.3	215	55.2
75	73.5	217	63.4	75.9	214	53.3
80	72.1	215	62.6	74.5	212	51.6
85	70.7	213	62.0	73.1	210	50.1
90	69.3	211	59.9	71.7	208	48.8
95	67.9	209	56.6	70.2	206	47.7
100	66.5	207	53.6	68.8	203	46.4
105	65.0	204	50.9	67.3	201	45.1
110	63.6	202	48.3	65.8	198	44.0
115	62.1	199	45.1	64.3	195	42.9
120	60.6	196	42.1	62.8	192	42.0
125	59.0	193	39.5	61.2	189	40.5
130	57.5	190	37.0	59.6	186	38.0
135	55.9	186	34.8	58.0	182	35.7
140	54.6	183	31.0	56.3	178	33.5
145	53.0	179	30.4	55.0	175	30.7
150	51.3	175	29.2	53.3	171	29.8
155	49.6	171	27.5	51.5	167	28.1
160	47.8	166	25.9	49.7	162	26.5
165	45.9	161	24.5	47.8	157	25.0
170	44.0	156	23.1	45.8	151	23.6
175	42.1	150	21.8	43.8	145	22.2
180	40.0	144	20.6	41.7	139	21.0
185	37.9	137	19.4	39.4	132	19.8
190	35.6	130	18.3	37.0	124	18.6
195	33.2	122	17.3	34.5	116	17.5
200	30.6	114	16.3	31.8	107	16.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	66.3	81.9	227	43.5
65	77.7	230	65.6	80.6	225	41.9
70	76.4	228	64.1	79.3	224	40.5
75	75.1	227	61.5	78.0	222	39.5
80	73.8	225	59.2	76.6	221	38.3
85	72.4	223	57.2	75.3	219	37.1
90	71.1	221	55.4	73.9	217	36.1
95	69.8	219	53.7	72.6	215	35.2
100	68.4	217	51.2	71.2	213	34.5
105	67.0	215	48.8	69.8	210	33.8
110	65.6	212	46.7	68.7	208	33.0
115	64.2	210	44.7	67.2	206	32.7
120	62.8	207	42.9	65.8	203	32.4
125	61.4	204	40.2	64.3	200	32.1
130	59.9	201	37.8	62.8	197	31.8
135	58.4	198	35.5	61.3	193	31.6
140	56.9	194	33.4	59.7	190	31.2
145	55.7	191	30.4	58.1	186	30.2
150	54.1	187	29.5	56.5	182	29.3
155	52.5	183	28.1	54.8	178	28.5
160	50.8	179	26.6	53.1	173	27.3
165	49.1	174	25.1	51.4	169	25.8
170	47.4	169	23.7	49.6	163	24.3
175	45.6	164	22.4	47.7	158	23.0
180	43.7	159	21.2	45.8	152	21.7
185	41.8	153	20.0	43.7	146	20.5
190	39.8	146	18.9	41.6	139	19.3
195	37.7	139	17.9	39.4	132	18.2
200	35.4	132	16.9	37.0	124	17.2
205	33.0	124	15.9	34.5	116	16.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	44.6	78.9	230	32.2
85	74.0	233	43.5	77.6	228	32.0
90	72.7	231	42.6	76.3	226	30.9
95	71.5	230	41.8	75.0	225	30.0
100	70.2	227	41.1	73.7	222	29.2
105	68.9	225	39.6	72.4	220	28.5
110	67.5	223	38.3	71.0	218	27.8
115	66.2	220	37.0	69.6	215	27.2
120	64.8	218	35.9	68.2	213	26.5
125	63.5	215	34.8	66.8	210	25.8
130	62.1	212	33.9	65.4	207	25.2
135	60.7	209	33.1	64.0	204	24.7
140	59.5	206	32.8	62.5	200	24.2
145	58.1	203	31.5	61.0	197	23.8
150	56.6	199	30.2	59.5	193	23.4
155	55.1	195	28.8	57.9	189	22.9
160	53.6	191	27.2	56.3	185	22.5
165	52.0	187	25.7	54.7	180	22.1
170	50.4	182	24.4	53.0	175	21.8
175	48.7	178	23.0	51.3	170	21.5
180	47.0	173	21.8	49.5	165	21.2
185	45.2	167	20.6	47.6	159	20.9
190	43.4	161	19.5	45.7	153	20.1
195	41.5	155	18.5	43.7	147	19.0
200	39.5	149	17.5	41.6	140	17.9
205	37.4	141	16.5	39.4	132	16.9
210	35.2	134	15.6	37.0	124	15.9
215	32.9	125	14.7	34.4	115	15.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.0	240	34.3	77.0	234	24.4
100	71.8	238	33.5	75.8	232	23.7
105	70.8	236	32.7	74.5	230	23.0
110	69.5	234	32.1	73.2	227	22.4
115	68.3	231	31.3	71.9	225	21.9
120	67.0	229	30.5	70.5	222	21.5
125	65.7	226	29.8	69.2	220	21.0
130	64.4	224	29.1	67.8	217	20.4
135	63.0	221	28.5	66.5	214	19.9
140	61.7	218	27.9	65.1	210	19.5
145	60.3	214	27.5	63.6	207	19.1
150	58.9	211	26.7	62.2	204	18.7
155	57.5	207	26.0	60.7	200	18.4
160	56.0	203	25.3	59.2	196	18.1
165	54.6	199	24.6	57.7	192	17.8
170	53.1	195	24.0	56.1	187	17.5
175	51.5	191	23.4	54.5	183	17.2
180	49.9	186	22.3	52.8	178	17.0
185	48.3	181	21.1	51.1	172	16.7
190	46.6	176	20.0	49.4	167	16.5
195	44.9	170	18.9	47.5	161	16.3
200	43.1	164	17.9	45.6	154	16.1
205	41.2	158	17.0	43.6	148	15.8
210	39.3	151	16.1	41.5	140	15.6
215	37.2	144	15.2	39.3	132	15.4
220	35.1	136	14.4	36.9	124	14.7
225	32.8	127	13.5	34.4	114	13.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.2	75.2	237	18.7
115	69.9	242	25.8	74.0	234	18.2
120	68.7	240	25.1	72.7	232	17.8
125	67.5	237	24.5	71.4	229	17.4
130	66.2	234	24.0	70.1	227	17.1
135	64.9	232	23.4	68.8	224	16.7
140	63.6	229	23.0	67.5	221	16.3
145	62.3	226	22.5	66.1	218	16.0
150	61.0	222	22.2	64.7	214	15.7
155	59.7	219	21.7	63.3	211	15.4
160	58.3	215	21.2	61.9	207	15.1
165	56.9	212	20.6	60.5	203	14.9
170	55.5	208	20.1	59.0	199	14.7
175	54.1	203	19.6	57.5	194	14.5
180	52.6	199	19.2	55.9	190	14.3
185	51.1	194	18.8	54.3	185	14.1
190	49.5	189	18.4	52.7	180	13.9
195	47.9	184	18.0	51.0	174	13.7
200	46.3	179	17.6	49.2	168	13.6
205	44.6	173	17.1	47.4	162	13.4
210	42.8	167	16.6	45.5	156	13.4
215	41.0	160	15.7	43.6	148	13.3
220	39.0	153	14.9	41.5	141	13.3
225	37.0	145	14.1	39.2	132	13.2
230	34.9	137	13.3	36.9	123	13.2
235	32.6	128	12.5	34.3	113	12.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.8	72.2	237	14.6
135	66.7	242	19.5	71.0	234	14.4
140	65.5	240	19.2	69.7	231	14.1
145	64.2	237	18.9	68.4	228	13.8
150	63.0	234	18.6	67.1	225	13.5
155	61.7	230	18.3	65.8	221	13.3
160	60.4	227	18.1	64.4	218	13.0
165	59.1	223	17.7	63.0	214	12.8
170	57.7	220	17.3	61.6	210	12.6
175	56.4	216	16.9	60.2	206	12.5
180	55.0	212	16.5	58.7	202	12.3
185	53.6	207	16.1	57.3	197	12.1
190	52.1	203	15.8	55.7	192	11.9
195	50.6	198	15.5	54.2	187	11.8
200	49.1	193	15.2	52.5	182	11.6
205	47.5	187	14.9	50.9	176	11.5
210	45.9	182	14.7	49.1	170	11.4
215	44.2	176	14.4	47.3	163	11.3
220	42.5	169	14.1	45.5	157	11.2
225	40.7	162	13.8	43.5	149	11.2
230	38.8	155	13.6	41.4	141	11.1
235	36.8	147	12.9	39.2	132	11.1
240	34.7	139	12.2	36.8	123	11.1
245	32.4	130	11.5	34.2	112	11.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	68.9	80.8	237	56.5
65	77.3	239	68.9	79.6	236	55.9
70	76.1	238	63.5	78.3	235	55.3
75	74.8	236	60.9	77.0	233	54.5
80	73.6	235	58.6	75.8	232	52.8
85	72.3	233	56.6	74.5	230	51.4
90	71.0	231	54.9	73.2	228	50.1
95	69.7	229	53.1	71.9	226	48.9
100	68.4	227	50.3	70.6	224	48.0
105	67.1	225	47.7	69.2	222	46.4
110	65.8	223	45.3	67.9	219	44.3
115	64.5	220	43.1	66.5	217	42.4
120	63.1	218	41.1	65.2	214	40.6
125	61.7	215	38.6	63.8	211	39.0
130	60.4	212	36.2	62.3	208	37.2
135	58.9	209	34.0	60.9	205	34.9
140	57.8	206	31.2	59.8	202	32.9
145	56.4	203	29.8	58.3	199	31.0
150	54.9	199	28.3	56.8	195	29.1
155	53.4	195	26.7	55.2	191	27.4
160	51.8	191	25.1	53.6	187	25.8
165	50.2	187	23.6	52.0	183	24.3
170	48.6	182	22.3	50.4	178	22.8
175	47.0	177	21.0	48.7	173	21.5
180	45.3	172	19.8	46.9	168	20.3
185	43.5	167	18.6	45.1	162	19.1
190	41.7	161	17.5	43.2	156	17.9
195	39.8	155	16.5	41.2	150	16.8
200	37.8	148	15.5	39.2	143	15.8
205	35.7	141	14.6	37.0	136	14.8
210	33.5	133	13.7	34.7	128	13.9
215	31.1	125	12.8	32.2	119	13.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	60.5	81.4	245	42.4
70	77.4	248	60.6	80.2	243	41.1
75	76.2	246	58.2	78.9	242	39.9
80	75.0	245	55.9	77.7	240	39.0
85	73.8	243	53.9	76.5	239	38.0
90	72.6	241	52.0	75.2	237	36.9
95	71.4	239	50.4	74.0	235	36.0
100	70.1	237	49.1	72.7	233	35.2
105	68.9	235	46.8	71.4	231	34.5
110	67.6	233	44.5	70.2	229	33.9
115	66.3	231	42.4	68.8	226	33.1
120	65.0	228	40.4	67.8	224	32.7
125	63.7	226	38.6	66.5	221	32.4
130	62.4	223	36.9	65.1	219	32.1
135	61.1	220	34.7	63.8	216	31.8
140	60.0	217	32.7	62.4	212	31.5
145	58.6	214	30.8	61.0	209	31.3
150	57.2	211	29.0	59.5	206	30.0
155	55.8	207	27.3	58.1	202	28.2
160	54.4	203	25.7	56.6	198	26.6
165	52.9	199	24.3	55.1	194	25.1
170	51.4	195	22.9	53.5	189	23.6
175	49.8	190	21.6	51.9	185	22.3
180	48.2	186	20.4	50.3	180	21.0
185	46.6	181	19.2	48.6	175	19.8
190	44.9	175	18.1	46.9	169	18.6
195	43.2	170	17.1	45.1	163	17.5
200	41.4	164	16.1	43.2	157	16.5
205	39.5	157	15.1	41.2	150	15.5
210	37.6	151	14.2	39.2	143	14.6
215	35.5	143	13.4	37.0	135	13.7
220	33.4	135	12.5	34.7	127	12.8
225	31.0	126	11.8	32.2	117	11.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	44.1	79.8	249	32.3
85	75.2	253	43.3	78.6	248	32.0
90	74.1	251	42.6	77.4	246	31.6
95	72.9	250	41.9	76.2	244	30.7
100	71.7	248	41.4	75.0	243	29.8
105	70.5	246	40.9	73.8	240	29.1
110	69.3	243	39.9	72.5	238	28.4
115	68.1	241	38.5	71.3	236	27.8
120	66.8	239	37.2	70.0	234	27.3
125	65.6	236	36.1	68.7	231	26.6
130	64.3	234	35.0	67.5	228	26.0
135	63.0	231	34.0	66.1	225	25.4
140	61.8	228	33.2	64.8	222	24.9
145	60.7	225	31.5	63.5	219	24.4
150	59.4	222	29.7	62.1	216	24.0
155	58.1	219	28.0	60.7	212	23.6
160	56.7	215	26.4	59.3	209	23.1
165	55.3	211	24.9	57.9	205	22.5
170	53.9	207	23.5	56.4	201	21.9
175	52.4	203	22.2	54.9	196	21.3
180	51.0	199	21.0	53.4	192	20.8
185	49.4	194	19.8	51.8	187	20.3
190	47.9	189	18.7	50.2	182	19.4
195	46.3	184	17.7	48.5	176	18.3
200	44.6	178	16.7	46.8	170	17.2
205	42.9	173	15.7	45.0	164	16.2
210	41.2	166	14.8	43.1	158	15.3
215	39.3	160	13.9	41.2	151	14.4
220	37.4	153	13.1	39.1	143	13.5
225	35.4	145	12.3	37.0	135	12.6
230	33.2	137	11.6	34.6	126	11.8
235	30.9	128	10.8	32.1	116	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.5	79.2	255	25.4
95	74.3	260	34.7	78.0	253	24.8
100	73.1	258	34.0	76.8	252	24.2
105	72.0	256	33.4	75.7	250	23.5
110	71.1	254	32.1	74.5	248	22.9
115	69.9	252	31.8	73.3	245	22.4
120	68.7	250	31.1	72.1	243	21.9
125	67.5	247	30.4	70.8	241	21.5
130	66.3	245	29.7	69.6	238	21.1
135	65.1	242	29.1	68.4	235	20.6
140	63.9	239	28.6	67.1	232	20.1
145	62.7	236	28.1	65.8	229	19.7
150	61.4	233	27.6	64.5	226	19.3
155	60.1	230	27.2	63.2	223	18.9
160	58.8	227	26.1	61.9	219	18.6
165	57.5	223	24.9	60.5	215	18.3
170	56.2	219	23.8	59.1	212	18.0
175	54.8	215	22.7	57.7	207	17.7
180	53.4	211	21.5	56.2	203	17.5
185	52.0	207	20.3	54.8	199	17.2
190	50.5	202	19.2	53.2	194	17.0
195	49.0	197	18.1	51.7	189	16.7
200	47.5	192	17.1	50.1	183	16.5
205	45.9	187	16.2	48.4	178	16.3
210	44.3	181	15.3	46.7	172	15.9
215	42.6	175	14.4	44.9	165	15.0
220	40.9	169	13.6	43.1	159	14.1
225	39.1	162	12.8	41.1	151	13.2
230	37.2	155	12.0	39.1	143	12.4
235	35.2	147	11.3	36.9	135	11.6
240	33.1	138	10.6	34.6	125	10.8
245	30.8	129	9.9	32.0	115	10.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.9	76.3	257	19.1
115	71.4	262	25.7	75.2	255	18.6
120	70.2	260	25.4	74.0	253	18.2
125	69.1	258	24.9	72.8	250	17.8
130	68.0	255	24.4	71.6	248	17.4
135	66.8	253	23.9	70.4	245	17.1
140	65.6	250	23.5	69.2	242	16.8
145	64.4	247	23.1	68.0	239	16.4
150	63.2	244	22.7	66.8	236	16.1
155	62.0	241	22.4	65.5	233	15.8
160	60.8	238	22.1	64.2	230	15.5
165	59.5	235	21.6	62.9	226	15.3
170	58.3	231	21.0	61.6	222	15.0
175	57.0	227	20.3	60.3	219	14.8
180	55.7	223	19.8	58.9	214	14.6
185	54.3	219	19.2	57.5	210	14.4
190	53.0	215	18.7	56.1	206	14.3
195	51.6	210	18.2	54.6	201	14.1
200	50.1	206	17.7	53.1	196	13.9
205	48.7	201	16.7	51.5	191	13.8
210	47.2	195	15.8	50.0	185	13.6
215	45.6	190	14.9	48.3	179	13.5
220	44.0	184	14.1	46.6	173	13.4
225	42.4	178	13.3	44.9	166	13.0
230	40.7	171	12.5	43.0	159	12.6
235	38.9	164	11.8	41.1	152	12.2
240	37.0	157	11.1	39.0	143	11.5
245	35.0	148	10.4	36.9	134	10.7
250	32.9	140	9.7	34.5	124	10.0
255	30.7	130	9.1	31.9	113	9.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.3	74.7	260	15.2
130	69.5	266	20.0	73.5	257	14.9
135	68.4	263	19.7	72.4	255	14.6
140	67.2	261	19.4	71.2	252	14.4
145	66.1	258	19.1	70.0	249	14.2
150	64.9	255	18.8	68.9	246	13.9
155	63.8	252	18.6	67.6	243	13.6
160	62.6	249	18.3	66.4	240	13.4
165	61.4	246	18.1	65.2	237	13.1
170	60.2	243	17.9	63.9	233	12.9
175	59.0	239	17.5	62.6	230	12.7
180	57.7	235	17.2	61.3	226	12.6
185	56.5	232	16.8	60.0	222	12.4
190	55.2	227	16.4	58.7	217	12.2
195	53.9	223	16.1	57.3	213	12.1
200	52.5	219	15.8	55.9	208	11.9
205	51.1	214	15.5	54.4	203	11.8
210	49.7	209	15.2	52.9	198	11.7
215	48.3	204	15.0	51.4	193	11.5
220	46.8	199	14.5	49.9	187	11.4
225	45.3	193	13.7	48.2	181	11.3
230	43.7	187	12.9	46.5	174	11.2
235	42.1	180	12.2	44.8	167	11.0
240	40.4	174	11.4	43.0	160	10.8
245	38.7	166	10.8	41.0	152	10.6
250	36.8	158	10.1	39.0	143	10.5
255	34.9	150	9.5	36.8	134	9.8
260	32.8	141	8.9	34.4	124	9.1
265	30.6	131	8.3	31.8	112	8.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>						
31	86.0	265	67.1			
35	85.0	265	66.8			
40	83.9	264	66.2			
40				86.0	261	53.9
45	82.8	263	65.8	85.0	260	53.7
50	81.7	263	61.7	83.8	259	53.5
55	80.6	262	61.3	82.7	258	53.3
60	79.4	261	61.0	81.5	257	52.9
65	78.3	259	60.7	80.4	256	52.6
70	77.2	258	60.1	79.2	255	52.3
75	76.0	257	57.2	78.1	254	52.1
80	74.9	255	54.6	76.9	252	51.3
85	73.7	254	52.2	75.7	251	49.5
90	72.5	252	50.1	74.5	249	47.8
95	71.4	250	48.2	73.4	247	46.3
100	70.2	249	46.6	72.2	245	45.0
105	69.0	246	44.4	70.9	243	43.8
110	67.8	244	42.2	69.7	241	42.7
115	66.6	242	40.0	68.5	239	40.6
120	65.3	240	38.0	67.2	236	38.7
125	64.1	237	36.2	66.0	234	36.8
130	62.8	234	34.6	64.7	231	35.2
135	61.8	232	31.8	63.4	228	33.6
140	60.6	229	31.0	62.4	226	30.6
145	59.3	226	29.1	61.1	223	30.1
150	57.9	223	27.3	59.7	219	28.2
155	56.6	220	25.6	58.4	216	26.5
160	55.2	216	24.1	57.0	212	24.9
165	53.9	212	22.6	55.6	208	23.3
170	52.4	208	21.2	54.1	204	21.9
175	51.0	204	20.0	52.7	200	20.6
180	49.5	200	18.7	51.2	196	19.3
185	48.0	195	17.6	49.6	191	18.1
190	46.5	190	16.5	48.0	186	17.0
195	44.9	185	15.5	46.4	181	15.9
200	43.2	180	14.5	44.7	175	14.9
205	41.6	174	13.6	43.0	169	14.0
210	39.8	168	12.7	41.2	163	13.0
215	38.0	161	11.8	39.3	156	12.1
220	36.1	154	11.0	37.3	149	11.3
225	34.1	147	10.3	35.2	141	10.5
230	31.9	138	9.5	33.0	132	9.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 46 ft fixed jib</b>						
35	86.0	274	56.9			
35	86.0	274	56.9			
40	84.9	274	56.8			
45	83.8	273	56.5			
47				86.0	268	46.2
50	82.7	272	56.4	85.3	268	45.8
55	81.7	271	55.8	84.2	267	44.6
60	80.6	270	55.3	83.1	266	43.8
65	79.5	269	54.8	82.0	265	42.8
70	78.4	268	54.3	80.9	264	41.5
75	77.3	267	54.0	79.8	262	40.4
80	76.2	265	51.6	78.7	261	39.5
85	75.0	264	49.5	77.5	259	38.7
90	73.9	262	47.6	76.4	258	37.7
95	72.8	260	45.8	75.2	256	36.8
100	71.7	259	44.3	74.1	254	36.0
105	70.5	257	43.0	72.9	252	35.2
110	69.4	255	41.4	71.7	250	34.5
115	68.2	252	39.4	70.6	248	34.0
120	67.0	250	37.6	69.4	245	33.2
125	65.8	248	35.9	68.4	244	32.2
130	64.6	245	34.3	67.2	241	31.3
135	63.7	243	30.3	66.0	238	30.4
140	62.5	240	29.8	64.7	235	29.7
145	61.2	237	29.4	63.4	232	29.0
150	60.0	234	28.0	62.2	229	28.3
155	58.7	231	26.3	60.9	226	27.4
160	57.4	228	24.7	59.5	222	25.7
165	56.1	224	23.3	58.2	219	24.2
170	54.8	220	21.9	56.8	215	22.7
175	53.4	216	20.6	55.4	211	21.4
180	52.0	212	19.3	54.0	207	20.1
185	50.6	208	18.2	52.6	202	18.9
190	49.2	203	17.1	51.1	198	17.7
195	47.7	199	16.0	49.5	193	16.7
200	46.2	193	15.1	48.0	187	15.6
205	44.6	188	14.1	46.4	182	14.6
210	43.0	182	13.2	44.7	176	13.7
215	41.3	177	12.4	42.9	170	12.8
220	39.6	170	11.6	41.1	163	11.9
225	37.8	163	10.8	39.3	156	11.1
230	35.9	156	10.0	37.3	148	10.3
235	33.9	148	9.3	35.2	140	9.6
240	31.8	140	8.6	33.0	131	8.8
245				30.5	121	8.1



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 56 ft fixed jib</b>						
39	86.0	283	50.4			
40	85.8	283	50.3			
45	84.8	282	49.7			
50	83.7	282	49.2			
54				86.0	276	36.0
55	82.7	281	48.8	85.7	275	35.8
60	81.6	280	47.5	84.6	274	34.6
65	80.6	279	46.1	83.6	273	33.7
70	79.5	278	45.0	82.7	272	33.4
75	78.4	276	44.0	81.6	271	32.9
80	77.4	275	43.2	80.5	270	32.5
85	76.3	274	42.4	79.5	268	32.1
90	75.2	272	41.7	78.3	267	31.7
95	74.1	270	41.0	77.2	265	31.4
100	73.0	269	40.4	76.1	263	30.5
105	71.9	267	39.9	75.0	262	29.7
110	70.8	265	39.4	73.9	260	29.0
115	69.7	263	38.8	72.7	257	28.4
120	68.6	260	37.1	71.6	255	27.9
125	67.5	258	35.4	70.4	253	27.4
130	66.3	256	33.8	69.2	250	26.8
135	65.4	254	29.8	68.1	248	26.2
140	64.2	251	29.0	66.9	245	25.7
145	63.0	248	28.3	65.6	242	25.2
150	61.9	245	27.7	64.4	239	24.7
155	60.6	242	27.0	63.2	236	24.3
160	59.4	239	25.4	61.9	233	23.9
165	58.2	236	23.9	60.6	229	23.6
170	56.9	232	22.5	59.3	226	22.8
175	55.6	228	21.2	58.0	222	21.7
180	54.3	224	20.0	56.7	218	20.7
185	53.0	220	18.8	55.3	213	19.7
190	51.6	216	17.7	53.9	209	18.5
195	50.2	212	16.7	52.4	204	17.4
200	48.8	207	15.7	51.0	199	16.4
205	47.3	202	14.7	49.4	194	15.4
210	45.9	197	13.8	47.9	189	14.4
215	44.3	191	13.0	46.3	183	13.5
220	42.7	185	12.1	44.6	177	12.6
225	41.1	179	11.3	42.9	170	11.8
230	39.4	173	10.6	41.1	164	11.0
235	37.6	166	9.9	39.2	156	10.2
240	35.8	158	9.2	37.3	148	9.5
245	33.8	150	8.5	35.2	140	8.8
250	31.7	141	7.9	32.9	130	8.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 66 ft fixed jib</b>						
43	86.0	292	44.5			
45	85.6	292	44.3			
50	84.6	291	42.8			
55	83.6	290	41.6			
60	82.6	289	40.6			
60				86.0	283	30.0
65	81.6	288	39.5	85.2	282	29.6
70	80.6	287	38.5	84.2	281	28.7
75	79.5	286	37.6	83.1	280	27.9
80	78.5	285	36.9	82.1	279	27.2
85	77.5	283	36.3	81.0	277	26.4
90	76.4	282	35.5	80.0	276	25.7
95	75.4	280	34.8	78.9	274	25.1
100	74.3	279	34.2	77.8	272	24.6
105	73.3	277	33.6	76.7	271	24.0
110	72.2	275	33.1	75.6	269	23.4
115	71.4	273	31.5	74.5	267	22.9
120	70.3	271	31.3	73.4	264	22.4
125	69.2	269	30.5	72.3	262	21.9
130	68.1	267	29.6	71.2	260	21.5
135	67.0	264	28.7	70.0	257	21.2
140	65.9	262	27.9	68.9	255	20.7
145	64.7	259	27.2	67.7	252	20.3
150	63.6	256	26.5	66.5	249	19.9
155	62.4	253	25.8	65.4	246	19.5
160	61.3	250	25.3	64.1	243	19.1
165	60.1	247	24.5	62.9	240	18.8
170	58.9	244	23.1	61.7	236	18.5
175	57.6	240	21.8	60.4	232	18.3
180	56.4	236	20.5	59.1	229	17.8
185	55.1	232	19.3	57.8	225	17.2
190	53.9	228	18.2	56.5	220	16.7
195	52.6	224	17.2	55.1	216	16.2
200	51.2	220	16.2	53.7	211	15.7
205	49.9	215	15.2	52.3	206	15.3
210	48.5	210	14.3	50.9	201	14.9
215	47.0	205	13.4	49.4	196	14.1
220	45.6	200	12.6	47.8	190	13.3
225	44.0	194	11.8	46.2	184	12.4
230	42.5	188	11.0	44.6	178	11.6
235	40.9	182	10.3	42.9	171	10.8
240	39.2	175	9.6	41.1	164	10.1
245	37.4	168	8.9	39.2	156	9.3
250	35.6	160	8.3	37.2	148	8.6
255	33.7	152	7.7	35.1	139	7.9
260	31.6	143	7.1	32.8	129	7.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 76 ft fixed jib</b>						
47	86.0	301	35.2			
50	85.5	301	34.7			
55	84.5	300	33.6			
60	83.8	299	30.9			
65	82.8	298	30.2			
67				86.0	290	24.2
70	81.8	297	29.5	85.6	290	24.0
75	80.8	296	28.8	84.6	289	23.2
80	79.8	295	28.2	83.5	287	22.6
85	78.8	293	27.7	82.5	286	22.2
90	77.8	292	27.2	81.5	285	21.5
95	76.8	291	26.8	80.5	283	20.9
100	75.8	289	26.4	79.4	281	20.3
105	74.7	287	26.1	78.4	280	19.9
110	73.7	285	25.8	77.3	278	19.5
115	72.7	284	25.5	76.2	276	19.0
120	71.6	281	25.2	75.2	274	18.5
125	70.6	279	25.0	74.1	272	18.1
130	69.5	277	24.7	73.0	269	17.7
135	68.5	275	24.2	71.9	267	17.4
140	67.4	272	23.8	70.8	264	17.1
145	66.3	270	23.4	69.7	262	16.8
150	65.2	267	23.1	68.5	259	16.5
155	64.1	264	22.8	67.4	256	16.2
160	63.0	261	22.4	66.2	253	15.9
165	61.8	258	22.2	65.1	250	15.7
170	60.7	255	21.9	63.9	246	15.5
175	59.5	252	21.4	62.7	243	15.2
180	58.3	248	20.4	61.4	239	15.0
185	57.1	244	19.5	60.2	235	14.9
190	55.9	241	18.5	58.9	231	14.6
195	54.7	237	17.7	57.6	227	14.4
200	53.4	232	16.7	56.3	223	14.2
205	52.1	228	15.7	55.0	218	13.9
210	50.8	223	14.8	53.6	213	13.7
215	49.5	219	13.9	52.2	208	13.5
220	48.1	213	13.1	50.7	203	13.3
225	46.7	208	12.3	49.3	198	13.1
230	45.3	203	11.5	47.7	192	12.2
235	43.8	197	10.8	46.1	185	11.5
240	42.2	190	10.1	44.5	179	10.7
245	40.6	184	9.4	42.8	172	10.0
250	39.0	177	8.8	41.0	164	9.2
255	37.3	170	8.2	39.1	156	8.6
260	35.4	162	7.6	37.2	147	7.9
265	33.5	153	7.0	35.0	138	7.2
270	31.5	144	6.4	32.8	128	6.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 85 ft fixed jib</b>						
52	86.0	310	27.2			
55	85.6	310	26.8			
60	84.6	309	25.9			
65	83.7	308	25.1			
70	82.7	307	24.6			
74				86.0	298	19.7
75	81.7	306	24.0	85.9	298	19.7
80	80.8	305	23.4	84.9	296	19.1
85	79.8	303	23.0	83.9	295	18.5
90	78.9	302	22.6	82.9	294	18.1
95	77.9	300	22.2	81.9	292	17.7
100	76.9	299	21.9	80.9	291	17.2
105	75.9	297	21.5	79.9	289	16.8
110	74.9	295	21.2	78.9	287	16.4
115	73.9	294	20.9	77.9	285	16.1
120	72.9	292	20.6	76.8	283	15.8
125	71.9	290	20.3	75.8	281	15.5
130	70.9	288	20.1	74.7	279	15.1
135	69.9	285	19.9	73.7	276	14.9
140	68.8	283	19.5	72.6	274	14.6
145	67.8	280	19.2	71.5	271	14.4
150	66.7	278	19.0	70.4	269	14.2
155	65.7	275	18.7	69.3	266	13.9
160	64.6	272	18.4	68.2	263	13.7
165	63.5	269	18.2	67.1	260	13.5
170	62.4	266	18.0	65.9	257	13.2
175	61.3	263	17.8	64.8	253	13.0
180	60.2	260	17.6	63.6	250	12.8
185	59.0	256	17.1	62.4	246	12.7
190	57.8	252	16.5	61.2	242	12.5
195	56.7	249	15.9	60.0	238	12.4
200	55.5	245	15.4	58.7	234	12.2
205	54.3	240	14.9	57.5	230	12.1
210	53.0	236	14.4	56.2	225	11.9
215	51.7	232	13.9	54.8	221	11.8
220	50.5	227	13.5	53.5	216	11.7
225	49.1	222	12.7	52.1	210	11.5
230	47.8	217	11.9	50.6	205	11.4
235	46.4	211	11.2	49.2	199	11.3
240	45.0	205	10.5	47.6	193	11.2
245	43.5	199	9.8	46.1	186	10.5
250	42.0	193	9.2	44.4	180	9.8
255	40.4	186	8.5	42.7	172	9.1
260	38.8	179	7.9	41.0	165	8.4
265	37.1	171	7.3	39.1	156	7.8
270	35.3	163	6.8	37.1	147	7.1
275	33.4	155	6.2	35.0	137	6.5
280	31.4	145	5.7	32.7	126	5.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 36 ft fixed jib</b>						
32	86.0	284	56.3			
35	85.4	283	56.1			
40	84.3	283	55.8			
42				86.0	280	48.0
45	83.3	282	55.5	85.3	279	47.9
50	82.2	281	55.2	84.2	278	47.6
55	81.2	281	54.4	83.2	277	47.4
60	80.1	280	53.8	82.1	276	47.2
65	79.1	279	53.3	81.1	275	46.9
70	78.0	277	52.8	80.0	274	46.7
75	77.0	276	52.0	78.9	273	46.4
80	75.9	275	49.6	77.8	272	46.3
85	74.8	273	47.4	76.7	270	45.4
90	73.7	272	45.4	75.6	269	43.7
95	72.7	270	43.6	74.5	267	42.2
100	71.6	268	42.0	73.4	265	40.8
105	70.5	267	40.6	72.3	263	39.5
110	69.4	265	39.1	71.2	261	38.5
115	68.2	263	37.2	70.1	259	37.5
120	67.1	260	35.4	68.9	257	36.0
125	66.0	258	33.7	67.8	255	34.3
130	65.1	256	29.3	66.9	253	30.2
135	63.9	254	28.5	65.7	250	29.1
140	62.7	251	27.7	64.5	247	28.1
145	61.6	248	27.1	63.3	244	27.2
150	60.4	245	26.4	62.1	241	26.3
155	59.2	242	24.8	60.8	238	25.6
160	57.9	239	23.2	59.6	235	24.1
165	56.7	235	21.7	58.3	232	22.6
170	55.4	232	20.4	57.0	228	21.1
175	54.1	228	19.1	55.7	224	19.8
180	52.8	224	17.9	54.4	220	18.5
185	51.5	220	16.7	53.0	216	17.4
190	50.1	216	15.6	51.6	212	16.2
195	48.7	211	14.6	50.2	207	15.2
200	47.3	207	13.6	48.8	202	14.1
205	45.9	202	12.7	47.3	197	13.2
210	44.4	196	11.8	45.8	192	12.3
215	42.8	191	11.0	44.2	186	11.4
220	41.2	185	10.2	42.5	180	10.5
225	39.6	179	9.4	40.9	174	9.7
230	37.9	172	8.7	39.1	167	9.0
235	36.1	165	8.0	37.3	160	8.2
240	34.3	158	7.3	35.3	152	7.5
245	32.3	150	6.6	33.3	144	6.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 46 ft fixed jib</b>						
36	86.0	293	50.6			
40	85.2	292	50.4			
45	84.2	292	50.1			
48				86.0	287	42.2
50	83.2	291	49.9	85.7	287	42.2
55	82.2	290	49.6	84.6	286	41.9
60	81.2	289	48.9	83.6	285	41.6
65	80.2	288	48.4	82.6	284	41.4
70	79.1	287	47.9	81.5	283	40.7
75	78.1	286	47.5	80.5	282	40.0
80	77.1	285	47.0	79.4	280	39.3
85	76.1	283	45.0	78.4	279	38.8
90	75.0	282	43.2	77.3	277	38.4
95	74.0	280	41.6	76.3	276	37.5
100	72.9	278	40.1	75.2	274	36.7
105	71.9	277	38.8	74.1	272	35.9
110	70.8	275	37.6	73.0	270	35.2
115	69.7	273	36.6	71.9	268	34.6
120	68.6	271	34.9	70.8	266	34.0
125	67.5	268	33.3	69.7	264	33.5
130	66.7	267	29.7	68.8	262	32.0
135	65.6	264	28.5	67.7	259	30.5
140	64.4	262	27.5	66.6	257	29.0
145	63.3	259	26.5	65.4	254	27.7
150	62.2	256	25.6	64.2	251	26.5
155	61.0	253	24.8	63.0	248	25.3
160	59.8	250	23.9	61.9	245	24.3
165	58.6	247	22.4	60.6	242	23.4
170	57.4	243	21.0	59.4	238	22.0
175	56.2	240	19.7	58.2	235	20.6
180	55.0	236	18.5	56.9	231	19.3
185	53.7	232	17.3	55.6	227	18.1
190	52.4	228	16.2	54.3	223	17.0
195	51.1	224	15.2	52.9	218	15.9
200	49.8	220	14.2	51.6	214	14.9
205	48.4	215	13.3	50.1	209	13.9
210	47.0	210	12.4	48.7	204	12.9
215	45.6	205	11.5	47.2	199	12.1
220	44.1	199	10.7	45.7	193	11.2
225	42.6	194	9.9	44.1	187	10.4
230	41.0	188	9.2	42.5	181	9.6
235	39.4	181	8.5	40.8	174	8.8
240	37.7	175	7.8	39.1	167	8.1
245	36.0	167	7.1	37.2	160	7.4
250	34.1	160	6.5	35.3	151	6.7
255	32.2	151	5.9	33.3	143	6.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 56 ft fixed jib</b>						
40	86.0	302	45.8			
45	85.1	301	45.4			
50	84.1	300	44.9			
55				86.0	294	35.7
55	83.1	300	44.5	86.0	294	35.7
60	82.2	299	44.0	85.0	293	34.8
65	81.2	298	43.2	84.0	292	33.9
70	80.2	297	42.5	83.0	291	33.3
75	79.2	296	41.8	82.2	290	31.0
80	78.2	294	41.3	81.2	289	31.0
85	77.2	293	40.9	80.2	288	31.1
90	76.2	292	39.6	79.1	286	31.1
95	75.2	290	38.5	78.1	285	31.2
100	74.2	288	37.4	77.1	283	31.1
105	73.1	287	36.5	76.0	281	30.3
110	72.1	285	35.7	75.0	280	29.6
115	71.1	283	34.9	73.9	278	29.0
120	70.0	281	34.3	72.8	276	28.4
125	69.2	279	32.5	71.8	273	27.9
130	68.1	277	30.9	70.7	271	27.4
135	67.1	275	29.5	69.6	269	26.9
140	66.0	272	28.1	68.5	266	26.0
145	64.9	270	26.8	67.4	264	25.2
150	63.8	267	25.7	66.3	261	24.4
155	62.7	264	24.6	65.1	258	23.6
160	61.6	261	23.6	64.0	255	23.0
165	60.4	258	22.7	62.8	252	22.3
170	59.3	255	21.7	61.6	248	21.8
175	58.1	251	20.4	60.4	245	21.3
180	57.0	248	19.1	59.2	241	20.2
185	55.7	244	18.0	58.0	237	19.0
190	54.5	240	16.8	56.7	234	17.8
195	53.3	236	15.8	55.4	229	16.7
200	52.0	232	14.8	54.1	225	15.6
205	50.7	228	13.9	52.8	220	14.6
210	49.4	223	13.0	51.5	216	13.7
215	48.1	218	12.1	50.1	211	12.8
220	46.7	213	11.3	48.6	205	11.9
225	45.3	208	10.5	47.2	200	11.1
230	43.8	202	9.8	45.7	194	10.3
235	42.4	196	9.0	44.1	188	9.5
240	40.8	190	8.3	42.5	181	8.8
245	39.2	184	7.7	40.8	175	8.1
250	37.6	177	7.0	39.0	167	7.4
255	35.8	169	6.4	37.2	159	6.7
260	34.0	161	5.8	35.3	151	6.1
265	32.1	153	5.3	33.2	142	5.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 66 ft fixed jib</b>						
45	86.0	311	40.6			
45	85.9	311	40.5			
50	85.0	310	39.9			
55	84.0	309	39.3			
60	83.1	308	38.8			
62				86.0	302	25.9
65	82.1	307	38.2	85.5	301	26.1
70	81.2	306	37.3	84.6	300	26.3
75	80.2	305	36.5	83.6	299	26.5
80	79.2	304	35.8	82.6	298	26.8
85	78.3	303	35.2	81.6	297	26.3
90	77.3	301	34.7	80.6	295	25.7
95	76.3	300	34.2	79.6	294	25.2
100	75.3	298	33.7	78.6	292	24.8
105	74.4	297	33.3	77.6	290	24.4
110	73.6	295	31.2	76.6	289	23.9
115	72.6	293	30.9	75.6	287	23.3
120	71.6	291	30.6	74.5	285	22.8
125	70.6	289	30.3	73.5	283	22.3
130	69.5	287	29.8	72.5	280	21.9
135	68.5	285	28.4	71.4	278	21.5
140	67.5	283	27.2	70.3	276	21.2
145	66.4	280	26.0	69.3	273	20.8
150	65.4	278	24.9	68.2	270	20.4
155	64.3	275	23.9	67.1	268	20.0
160	63.2	272	23.0	66.0	265	19.6
165	62.1	269	22.1	64.9	262	19.3
170	61.0	266	21.3	63.7	258	19.0
175	59.9	263	20.6	62.6	255	18.7
180	58.8	259	19.6	61.4	252	18.4
185	57.6	256	18.5	60.2	248	18.2
190	56.5	252	17.4	59.0	244	17.5
195	55.3	248	16.3	57.8	240	16.6
200	54.1	244	15.3	56.6	236	15.8
205	52.9	240	14.3	55.3	232	15.1
210	51.6	236	13.4	54.0	227	14.3
215	50.4	231	12.6	52.7	223	13.4
220	49.1	227	11.7	51.3	218	12.5
225	47.8	222	11.0	50.0	212	11.7
230	46.4	216	10.2	48.6	207	10.9
235	45.0	211	9.5	47.1	201	10.1
240	43.6	205	8.8	45.6	195	9.4
245	42.1	199	8.1	44.0	189	8.6
250	40.6	193	7.5	42.4	182	8.0
255	39.0	186	6.9	40.8	175	7.3
260	37.4	179	6.3	39.0	167	6.6
265	35.7	171	5.7	37.2	159	6.0
270	33.9	163	5.1	35.2	150	5.4
275	32.0	154	4.6	33.1	140	4.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 76 ft fixed jib</b>						
49	86.0	320	33.7			
50	85.8	320	33.6			
55	85.0	319	29.9			
60	84.1	318	29.4			
65	83.2	317	29.0			
68				86.0	309	21.9
70	82.3	316	28.6	85.9	309	21.9
75	81.3	315	28.0	84.9	308	21.8
80	80.4	314	27.4	83.9	307	21.9
85	79.5	313	26.9	83.0	305	21.9
90	78.5	311	26.5	82.0	304	21.6
95	77.6	310	26.2	81.1	302	21.0
100	76.6	309	25.8	80.1	301	20.5
105	75.7	307	25.5	79.1	299	20.1
110	74.7	305	25.2	78.1	298	19.7
115	73.8	303	24.9	77.1	296	19.4
120	72.8	302	24.6	76.1	294	18.9
125	71.8	300	24.4	75.1	292	18.5
130	70.8	298	24.2	74.1	290	18.1
135	69.8	295	24.0	73.1	287	17.7
140	68.8	293	23.3	72.1	285	17.4
145	67.8	291	22.7	71.0	283	17.1
150	66.8	288	22.1	70.0	280	16.9
155	65.8	286	21.5	68.9	277	16.6
160	64.8	283	21.0	67.9	275	16.3
165	63.7	280	20.5	66.8	272	16.0
170	62.7	277	20.1	65.7	269	15.8
175	61.6	274	19.7	64.6	265	15.5
180	60.5	271	19.3	63.5	262	15.3
185	59.4	267	18.7	62.3	259	15.1
190	58.3	264	17.8	61.2	255	14.9
195	57.2	260	16.9	60.0	251	14.7
200	56.0	256	15.9	58.8	247	14.2
205	54.9	252	14.9	57.6	243	13.7
210	53.7	248	14.0	56.4	239	13.2
215	52.5	244	13.1	55.2	234	12.7
220	51.3	240	12.3	53.9	230	12.3
225	50.0	235	11.5	52.6	225	11.8
230	48.8	230	10.7	51.2	220	11.4
235	47.5	225	10.0	49.9	214	10.8
240	46.1	219	9.3	48.5	208	10.0
245	44.8	214	8.6	47.0	203	9.3
250	43.3	208	8.0	45.5	196	8.6
255	41.9	202	7.3	44.0	190	7.9
260	40.4	195	6.7	42.4	183	7.2
265	38.8	188	6.2	40.7	175	6.6
270	37.2	181	5.6	39.0	167	6.0
275	35.5	173	5.1	37.1	159	5.4
280	33.7	164	4.5	35.2	149	4.8
285	31.9	155	4.0	33.1	139	4.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 85 ft fixed jib</b>						
53	86.0	329	25.9			
55	85.8	328	25.9			
60	84.9	328	25.1			
65	84.0	327	24.4			
70	83.1	326	23.9			
75				86.0	316	20.0
75	82.2	325	23.4	86.0	316	19.0
80	81.3	324	22.9	85.2	315	18.8
85	80.4	323	22.5	84.3	314	18.4
90	79.5	321	22.1	83.4	313	18.1
95	78.6	320	21.8	82.4	311	17.8
100	77.7	318	21.5	81.5	310	17.4
105	76.8	317	21.2	80.5	308	17.0
110	75.8	315	20.9	79.6	307	16.6
115	74.9	313	20.6	78.6	305	16.3
120	74.0	312	20.3	77.6	303	16.0
125	73.0	310	20.0	76.7	301	15.7
130	72.1	308	19.8	75.7	299	15.4
135	71.1	306	19.6	74.7	297	15.1
140	70.1	303	19.4	73.7	295	14.9
145	69.2	301	19.1	72.7	292	14.6
150	68.2	299	18.9	71.7	290	14.4
155	67.2	296	18.6	70.7	287	14.2
160	66.2	294	18.4	69.7	284	14.0
165	65.2	291	18.2	68.6	282	13.8
170	64.2	288	17.9	67.6	279	13.5
175	63.2	285	17.7	66.5	276	13.3
180	62.1	282	17.6	65.4	272	13.1
185	61.1	279	17.4	64.3	269	12.9
190	60.0	275	17.3	63.2	266	12.8
195	58.9	272	16.5	62.1	262	12.6
200	57.8	268	15.7	61.0	258	12.5
205	56.7	264	15.0	59.8	254	12.3
210	55.6	261	14.2	58.7	250	12.0
215	54.5	256	13.5	57.5	246	11.6
220	53.3	252	12.7	56.3	241	11.3
225	52.1	248	11.9	55.0	237	11.0
230	50.9	243	11.1	53.8	232	10.7
235	49.7	238	10.4	52.5	227	10.4
240	48.4	233	9.7	51.1	221	10.2
245	47.2	228	9.0	49.8	216	9.8
250	45.8	222	8.3	48.4	210	9.1
255	44.5	217	7.7	47.0	204	8.4
260	43.1	210	7.1	45.5	197	7.8
265	41.7	204	6.5	43.9	190	7.1
270	40.2	197	6.0	42.3	183	6.5
275	38.6	190	5.4	40.7	175	5.9
280	37.0	183	4.9	38.9	167	5.3
285	35.4	175	4.4	37.1	158	4.7
290	33.6	166	3.9	35.1	149	4.2
295	31.8	157	3.4	33.0	138	3.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 258  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 36 ft fixed jib</b>						
33	86.0	303	51.4			
35	85.7	303	51.4			
40	84.7	303	50.8			
43				86.0	299	43.7
45	83.7	302	50.4	85.6	299	43.6
50	82.8	301	50.1	84.6	298	43.3
55	81.8	301	49.4	83.6	297	43.0
60	80.8	300	48.6	82.7	296	42.8
65	79.8	299	47.9	81.7	295	42.4
70	78.8	298	47.3	80.7	294	42.0
75	77.9	296	46.7	79.7	293	41.7
80	76.9	295	45.8	78.7	292	41.4
85	75.9	294	43.5	77.7	291	41.2
90	74.9	292	41.5	76.6	289	40.2
95	73.9	291	39.6	75.6	288	38.6
100	72.8	289	37.9	74.6	286	37.1
105	71.8	288	36.4	73.6	284	35.8
110	70.8	286	35.0	72.5	282	34.6
115	69.8	284	33.9	71.5	280	33.5
120	68.9	282	32.0	70.7	279	31.9
125	67.9	280	30.3	69.6	277	31.5
130	66.8	278	28.7	68.5	274	29.8
135	65.8	276	27.2	67.4	272	28.2
140	64.7	273	25.8	66.4	270	26.8
145	63.6	271	24.5	65.3	267	25.4
150	62.5	268	23.4	64.2	264	24.1
155	61.4	265	22.3	63.0	261	22.9
160	60.3	262	21.3	61.9	258	21.8
165	59.2	259	20.3	60.7	255	20.9
170	58.0	256	19.2	59.6	252	19.9
175	56.9	252	18.0	58.4	249	18.8
180	55.7	249	16.8	57.2	245	17.6
185	54.5	245	15.7	56.0	241	16.4
190	53.3	241	14.6	54.8	237	15.3
195	52.0	237	13.6	53.5	233	14.2
200	50.8	233	12.6	52.2	229	13.2
205	49.5	229	11.7	50.9	225	12.2
210	48.2	224	10.8	49.6	220	11.3
215	46.9	219	9.9	48.2	215	10.4
220	45.5	214	9.1	46.8	210	9.6
225	44.1	209	8.4	45.4	204	8.8
230	42.7	204	7.6	43.9	199	8.0
235	41.2	198	6.9	42.4	193	7.3
240	39.6	192	6.3	40.8	186	6.6
245	38.1	185	5.6	39.2	180	5.9
250	36.4	178	5.0	37.5	173	5.3
255	34.7	171	4.4	35.7	165	4.6
260	32.9	163	3.8	33.8	157	4.0
265	31.0	155	3.3	31.9	148	3.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 258  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 46 ft fixed jib</b>						
38	86.0	312	46.0			
40	85.5	312	45.8			
45	84.6	312	45.4			
50				86.0	307	38.9
50	83.7	311	45.0	85.9	307	38.9
55	82.7	310	44.7	85.0	306	39.0
60	81.8	309	44.2	84.0	305	39.0
65	80.8	308	43.6	83.1	304	39.0
70	79.9	307	43.0	82.1	303	38.9
75	78.9	306	42.5	81.1	302	38.7
80	77.9	305	42.1	80.1	300	38.4
85	77.0	304	41.5	79.2	299	38.2
90	76.0	302	39.7	78.2	298	38.0
95	75.0	301	38.0	77.2	296	37.9
100	74.1	299	36.5	76.2	295	36.5
105	73.1	298	35.1	75.2	293	35.1
110	72.1	296	33.9	74.2	291	33.8
115	71.3	294	31.5	73.4	290	30.2
120	70.3	292	31.3	72.4	288	29.8
125	69.3	290	30.5	71.3	286	29.5
130	68.3	288	28.8	70.3	283	29.2
135	67.2	286	27.3	69.3	281	28.4
140	66.2	284	25.8	68.2	279	26.9
145	65.2	281	24.5	67.2	276	25.5
150	64.1	279	23.2	66.1	274	24.2
155	63.1	276	22.0	65.0	271	23.0
160	62.0	273	21.0	63.9	268	21.8
165	60.9	270	20.0	62.8	265	20.8
170	59.8	267	19.2	61.7	262	19.8
175	58.7	264	18.1	60.6	259	19.0
180	57.6	260	17.1	59.4	255	18.1
185	56.4	257	16.1	58.2	252	17.1
190	55.3	253	15.2	57.1	248	16.1
195	54.1	249	14.1	55.9	244	15.0
200	52.9	245	13.2	54.6	240	13.9
205	51.7	241	12.2	53.4	236	13.0
210	50.5	237	11.3	52.1	231	12.0
215	49.2	232	10.5	50.8	227	11.1
220	47.9	228	9.7	49.5	222	10.3
225	46.6	223	8.9	48.2	217	9.5
230	45.2	218	8.2	46.8	211	8.7
235	43.9	212	7.4	45.3	206	7.9
240	42.4	206	6.8	43.9	200	7.2
245	41.0	200	6.1	42.4	193	6.5
250	39.5	194	5.5	40.8	187	5.9
255	37.9	187	4.9	39.2	180	5.2
260	36.3	180	4.3	37.5	172	4.6
265	34.6	173	3.7	35.7	165	4.0
270	32.8	165	3.2	33.8	156	3.4
275	30.9	156	2.7	31.8	147	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 56 ft fixed jib</b>						
42	86.0	321	41.6			
45	85.4	321	41.4			
50	84.5	320	40.9			
55	83.6	320	40.4			
56				86.0	314	35.3
60	82.7	319	40.1	85.3	313	34.8
65	81.7	318	39.7	84.4	312	33.9
70	80.8	317	39.3	83.4	311	33.1
75	79.9	316	39.0	82.7	311	27.3
80	79.0	315	38.7	81.7	309	27.3
85	78.0	313	38.5	80.8	308	27.2
90	77.1	312	38.2	79.8	307	27.2
95	76.1	311	36.7	78.9	305	27.1
100	75.2	309	35.3	77.9	304	27.1
105	74.2	307	34.0	76.9	302	27.0
110	73.5	306	30.6	76.0	300	26.9
115	72.5	304	30.1	75.0	299	26.9
120	71.6	302	29.6	74.0	297	26.8
125	70.6	301	29.2	73.0	295	26.8
130	69.6	298	28.7	72.0	293	26.7
135	68.6	296	27.3	71.0	290	26.7
140	67.6	294	25.9	70.0	288	26.6
145	66.6	292	24.5	69.0	286	25.6
150	65.6	289	23.3	67.9	283	24.3
155	64.6	287	22.1	66.9	280	23.0
160	63.5	284	21.1	65.8	278	21.9
165	62.5	281	20.1	64.8	275	20.8
170	61.5	278	19.2	63.7	272	19.8
175	60.4	275	18.4	62.6	269	18.9
180	59.3	272	17.5	61.5	265	18.0
185	58.2	268	16.6	60.4	262	17.3
190	57.1	265	15.7	59.2	258	16.5
195	56.0	261	14.8	58.1	255	15.6
200	54.9	257	13.8	56.9	251	14.7
205	53.7	254	12.8	55.7	247	13.8
210	52.5	249	11.9	54.5	242	12.8
215	51.3	245	11.1	53.3	238	11.9
220	50.1	241	10.3	52.0	233	11.0
225	48.9	236	9.5	50.7	228	10.2
230	47.6	231	8.7	49.4	223	9.4
235	46.3	226	8.0	48.1	218	8.6
240	45.0	221	7.3	46.7	213	7.9
245	43.6	215	6.7	45.3	207	7.2
250	42.2	209	6.0	43.8	201	6.5
255	40.8	203	5.4	42.3	194	5.9
260	39.3	196	4.8	40.8	187	5.2
265	37.7	190	4.3	39.1	180	4.6
270	36.1	182	3.7	37.4	172	4.0
275	34.5	174	3.2	35.7	164	3.5
280	32.7	166	2.7	33.8	155	2.9
285				31.8	145	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 258  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 66 ft fixed jib</b>						
46	86.0	330	37.4			
50	85.3	330	37.2			
55	84.4	329	36.6			
60	83.5	328	36.2			
63				86.0	321	22.9
65	82.6	327	35.9	85.8	321	22.9
70	81.7	326	35.4	84.9	320	23.0
75	80.8	325	34.8	84.0	319	23.0
80	79.9	324	34.3	83.1	318	23.1
85	79.0	323	33.9	82.1	317	23.2
90	78.1	322	33.5	81.2	315	23.2
95	77.2	320	33.2	80.3	314	23.3
100	76.5	319	28.8	79.3	313	23.3
105	75.5	318	28.5	78.4	311	23.3
110	74.6	316	28.1	77.5	309	23.4
115	73.7	314	27.8	76.5	308	23.1
120	72.7	313	27.5	75.5	306	22.7
125	71.8	311	27.2	74.6	304	22.4
130	70.9	309	27.0	73.6	302	22.0
135	69.9	307	26.8	72.6	300	21.8
140	68.9	304	25.6	71.7	297	21.5
145	68.0	302	24.3	70.7	295	21.3
150	67.0	300	23.1	69.7	292	21.0
155	66.0	297	22.0	68.6	290	20.3
160	65.0	295	20.9	67.6	287	19.6
165	64.0	292	19.9	66.6	284	18.9
170	63.0	289	18.9	65.6	282	18.2
175	62.0	286	18.1	64.5	278	17.7
180	60.9	283	17.3	63.4	275	17.1
185	59.9	280	16.6	62.4	272	16.6
190	58.8	276	15.8	61.3	269	16.1
195	57.8	273	14.9	60.2	265	15.7
200	56.7	269	14.1	59.1	261	15.0
205	55.6	265	13.3	57.9	257	14.2
210	54.5	262	12.4	56.8	253	13.4
215	53.3	257	11.6	55.6	249	12.6
220	52.2	253	10.7	54.4	245	11.7
225	51.0	249	10.0	53.2	240	10.8
230	49.8	244	9.2	51.9	235	10.0
235	48.6	239	8.5	50.7	230	9.2
240	47.3	234	7.8	49.4	225	8.5
245	46.0	229	7.1	48.0	220	7.8
250	44.7	224	6.5	46.7	214	7.1
255	43.4	218	5.9	45.2	208	6.4
260	42.0	212	5.3	43.8	201	5.8
265	40.6	205	4.7	42.3	195	5.2
270	39.1	199	4.1	40.7	188	4.6
275	37.6	192	3.6	39.1	180	4.0
280	36.0	184	3.0	37.4	172	3.4
285	34.3	176	2.5	35.6	163	2.9
290				33.7	154	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 76 ft fixed jib</b>			
70	86.0	329	23.6
70	86.0	329	19.9
75	85.2	328	19.9
80	84.3	327	19.8
85	83.4	325	19.8
90	82.5	324	19.8
95	81.6	323	19.7
100	80.7	321	19.6
105	79.8	320	19.5
110	78.9	318	19.4
115	77.9	317	19.4
120	77.0	315	19.2
125	76.1	313	18.8
130	75.1	311	18.4
135	74.2	309	18.1
140	73.2	307	17.7
145	72.3	304	17.4
150	71.3	302	17.2
155	70.3	299	16.9
160	69.3	297	16.7
165	68.4	294	16.4
170	67.3	291	16.1
175	66.3	288	15.8
180	65.3	285	15.5
185	64.3	282	15.3
190	63.2	279	15.1
195	62.2	275	14.8
200	61.1	272	14.7
205	60.0	268	14.5
210	58.9	264	13.8
215	57.8	260	13.1
220	56.6	256	12.3
225	55.5	252	11.5
230	54.3	247	10.7
235	53.1	242	9.9
240	51.8	237	9.2
245	50.6	232	8.4
250	49.3	227	7.7
255	48.0	221	7.1
260	46.6	215	6.4
265	45.2	209	5.8
270	43.7	202	5.2
275	42.2	195	4.6
280	40.7	188	4.0
285	39.1	180	3.4
290	37.4	172	2.9
295	35.6	163	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	64.0	68.8	114	47.4
70	62.0	114	63.3	66.1	111	45.1
75	59.3	110	61.1	63.2	107	43.1
80	56.4	107	57.6	60.3	104	41.5
85	53.5	103	54.5	57.3	100	40.0
90	50.4	98	51.7	54.1	95	38.5
95	47.2	94	49.5	50.7	90	37.3
100	43.8	88	47.4	47.1	84	36.3
105	40.1	82	45.5	43.2	77	35.6
110	36.0	75	43.7	38.9	70	34.9
115				33.9	60	34.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	42.3	63.3	112	32.5
90	55.4	111	40.2	60.5	108	32.2
95	52.6	107	38.3	57.6	103	31.0
100	49.6	102	36.7	54.5	98	29.9
105	46.5	97	35.3	51.2	93	29.0
110	43.2	91	34.1	47.8	87	28.2
115	40.4	86	32.9	44.0	80	27.7
120	36.6	78	32.7	39.8	72	27.2
125				35.0	62	26.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	29.5	54.2	101	22.4
115	46.5	101	28.8	51.0	95	21.8
120	43.4	95	27.8	47.6	88	21.2
125	40.0	88	26.8	43.9	81	20.9
130	36.2	80	25.9	39.7	72	20.6
135				34.9	61	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.9	43.8	81	16.4
140	35.9	82	20.3	39.6	72	16.2
145				34.8	60	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	69.0	74.2	138	52.4
65	68.4	138	66.4	72.0	135	50.1
70	66.2	136	64.3	69.8	133	48.1
75	63.9	133	63.4	67.5	130	46.0
80	61.6	131	62.7	65.1	127	44.2
85	59.3	127	60.7	62.7	124	42.6
90	56.9	124	57.7	60.2	121	41.3
95	54.4	120	55.0	57.6	117	40.0
100	51.8	116	52.6	54.9	112	38.8
105	49.1	111	50.2	52.1	108	37.7
110	46.3	106	46.9	49.2	102	36.7
115	43.3	101	43.9	46.1	97	36.0
120	40.1	95	41.2	42.8	90	35.4
125	36.7	88	38.7	39.1	83	34.8
130	32.9	80	36.4	35.1	74	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	51.1	71.3	140	35.1
80	64.9	141	48.4	69.1	137	33.8
85	62.8	139	46.1	67.3	135	32.9
90	60.6	135	44.2	65.1	132	32.6
95	58.3	132	42.2	62.7	128	32.3
100	56.0	128	40.4	60.3	125	32.0
105	53.5	124	38.7	57.8	120	31.0
110	51.0	120	37.3	55.2	116	30.1
115	48.4	115	36.0	52.5	111	29.3
120	45.7	109	34.9	49.7	105	28.5
125	42.8	104	33.9	46.7	99	27.9
130	40.4	98	32.9	43.4	92	27.5
135	37.1	91	32.7	39.9	85	27.1
140	33.5	83	32.5	36.0	76	26.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	59.6	140	33.1	64.5	136	25.3
105	57.8	137	32.2	62.3	132	24.5
110	55.6	133	31.3	59.9	128	23.8
115	53.3	129	30.5	57.5	123	23.1
120	50.9	124	29.8	55.0	118	22.5
125	48.4	119	29.1	52.3	113	21.9
130	45.7	114	28.4	49.5	107	21.4
135	43.0	108	27.6	46.6	100	21.0
140	40.0	101	26.7	43.3	93	20.8
145	36.8	93	25.9	39.8	85	20.5
150	33.3	85	25.2	35.9	75	20.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	25.3	59.5	131	18.4
125	52.5	133	24.3	57.2	126	17.9
130	50.2	128	23.5	54.7	121	17.5
135	47.8	122	22.8	52.1	115	17.1
140	45.2	117	22.1	49.4	109	16.7
145	42.5	110	21.4	46.4	102	16.4
150	39.6	103	20.8	43.2	94	16.3
155	36.5	95	20.2	39.7	85	16.1
160	33.1	86	19.6	35.8	74	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	18.2	51.9	117	14.0
150	44.7	119	17.7	49.2	110	13.8
155	42.1	113	17.3	46.3	103	13.6
160	39.3	105	16.8	43.1	94	13.5
165	36.2	97	16.4	39.7	85	13.4
170	32.8	87	16.0	35.7	74	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.3	46.1	104	11.3
170	38.9	107	14.0	43.0	95	11.3
175	35.9	99	13.7	39.6	85	11.2
180	32.6	89	13.4	35.6	73	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	69.0	76.2	158	54.7
65	71.0	159	69.0	74.3	156	52.2
70	69.1	157	67.2	72.3	154	50.1
75	67.2	154	64.5	70.4	151	48.5
80	65.2	152	63.6	68.3	149	46.5
85	63.2	149	62.7	66.3	146	44.8
90	61.2	146	61.8	64.2	143	43.3
95	59.1	143	57.2	62.1	140	42.1
100	57.0	140	53.1	59.9	136	41.0
105	54.8	136	49.5	57.6	132	39.8
110	52.5	132	46.2	55.3	128	38.8
115	50.2	128	43.3	52.9	124	37.8
120	47.7	123	40.6	50.4	119	36.9
125	45.2	118	38.1	47.7	113	36.2
130	42.5	112	35.8	44.9	108	35.4
135	39.7	106	33.7	42.0	101	34.1
140	37.3	100	31.9	39.5	95	32.3
145	34.1	93	30.1	36.1	87	30.4
150				32.3	78	28.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	57.1	75.4	163	37.8
75	69.7	165	54.8	73.5	161	36.3
80	67.9	162	52.0	71.7	158	35.2
85	66.0	160	49.4	69.7	156	34.1
90	64.1	157	47.2	68.2	154	32.9
95	62.2	154	45.3	66.2	151	32.6
100	60.2	151	43.6	64.2	147	32.3
105	58.2	148	41.9	62.1	144	32.0
110	56.2	144	40.3	60.0	140	31.6
115	54.0	140	38.9	57.8	136	30.8
120	51.8	136	37.5	55.6	132	30.0
125	49.6	131	36.3	53.2	127	29.3
130	47.2	126	35.3	50.8	122	28.7
135	44.7	121	34.3	48.2	116	28.1
140	42.7	116	32.1	45.5	110	27.7
145	40.0	110	30.8	42.6	103	27.3
150	37.1	102	29.1	39.5	96	27.0
155	33.9	94	27.5	36.1	87	26.7
160				32.2	77	26.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	38.2	71.4	163	28.4
95	65.0	165	36.6	69.6	161	27.5
100	63.1	162	35.1	67.7	158	26.5
105	61.3	159	33.9	65.7	154	25.7
110	59.8	157	33.0	63.8	151	24.9
115	57.8	153	32.1	61.7	147	24.3
120	55.8	149	31.3	59.7	143	23.7
125	53.8	145	30.6	57.5	139	23.1
130	51.7	141	29.9	55.3	134	22.5
135	49.5	136	29.3	53.0	129	22.0
140	47.2	131	28.7	50.6	124	21.5
145	44.8	125	28.0	48.1	118	21.1
150	42.3	119	27.2	45.4	111	20.9
155	39.6	112	26.5	42.5	104	20.7
160	36.8	104	25.8	39.4	96	20.4
165	33.7	96	25.2	36.0	86	20.2
170				32.1	75	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	28.8	67.1	162	20.4
115	60.8	165	28.2	65.3	158	19.7
120	58.9	161	27.2	63.3	154	19.2
125	57.0	157	26.2	61.4	150	18.7
130	55.1	153	25.3	59.3	146	18.3
135	53.1	149	24.4	57.2	142	17.9
140	51.0	144	23.7	55.1	137	17.5
145	48.9	139	23.0	52.8	131	17.1
150	46.7	134	22.4	50.4	125	16.8
155	44.4	128	21.8	47.9	119	16.5
160	41.9	121	21.3	45.3	112	16.3
165	39.3	114	20.7	42.4	104	16.2
170	36.5	106	20.2	39.3	96	16.1
175	33.5	98	19.7	35.9	86	15.9
180				32.0	74	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.5	62.9	158	15.5
135	56.3	161	20.8	61.0	154	15.2
140	54.4	157	20.1	59.0	149	14.9
145	52.5	153	19.5	57.0	144	14.6
150	50.5	148	18.9	54.8	139	14.3
155	48.4	142	18.4	52.6	133	14.0
160	46.2	137	17.9	50.3	127	13.8
165	43.9	130	17.5	47.8	120	13.6
170	41.5	124	17.1	45.2	113	13.5
175	39.0	116	16.7	42.4	105	13.4
180	36.3	108	16.3	39.3	96	13.3
185	33.3	99	15.9	35.8	85	13.2
190				31.8	72	13.1



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.9	56.7	147	12.2
160	49.9	151	15.5	54.6	141	11.9
165	47.9	145	15.1	52.4	135	11.7
170	45.7	139	14.8	50.1	129	11.5
175	43.5	133	14.5	47.7	122	11.4
180	41.2	126	14.2	45.1	114	11.3
185	38.7	118	14.0	42.3	105	11.2
190	36.0	110	13.7	39.2	96	11.2
195	33.1	100	13.4	35.7	84	11.1
200				31.6	71	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	68.8	77.8	178	56.8
65	73.2	180	68.8	76.1	177	54.3
70	71.5	178	68.9	74.4	175	52.1
75	69.8	176	68.2	72.7	173	50.2
80	68.1	174	66.0	70.9	171	48.7
85	66.4	171	63.6	69.2	168	47.1
90	64.6	169	60.8	67.4	166	45.5
95	62.8	166	56.2	65.5	163	44.1
100	61.0	163	52.2	63.7	160	42.8
105	59.1	160	48.5	61.8	157	41.7
110	57.2	157	45.3	59.8	153	40.8
115	55.3	153	42.3	57.8	149	39.8
120	53.3	149	39.6	55.8	145	38.8
125	51.3	145	37.1	53.7	141	37.9
130	49.1	141	34.9	51.5	137	35.5
135	47.4	137	32.9	49.2	131	33.4
140	45.2	132	31.0	47.4	127	31.5
145	42.8	126	29.2	44.9	121	29.7
150	40.3	120	27.5	42.4	115	27.9
155	37.7	113	26.0	39.6	108	26.3
160	34.9	106	24.5	36.7	100	24.8
165	31.9	98	23.1	33.4	91	23.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	61.6	78.6	186	40.4
70	73.5	188	59.1	77.0	184	39.0
75	71.9	186	57.1	75.4	182	37.6
80	70.3	184	55.4	73.7	180	36.3
85	68.7	182	52.8	72.1	178	35.2
90	67.0	179	50.4	70.4	175	34.4
95	65.4	177	48.3	68.6	173	33.4
100	63.7	174	46.4	67.3	170	32.7
105	61.9	171	44.7	65.5	167	32.4
110	60.2	168	43.3	63.7	164	32.1
115	58.4	165	41.8	61.8	161	31.9
120	56.5	161	40.3	59.9	157	31.6
125	54.6	157	37.9	58.0	153	30.8
130	52.7	153	35.6	56.0	149	30.1
135	50.7	149	33.5	54.0	144	29.4
140	49.1	145	31.7	51.8	140	28.8
145	47.0	140	29.9	49.6	134	28.3
150	44.8	135	28.2	47.3	129	27.8
155	42.5	129	26.6	44.9	123	27.1
160	40.0	122	25.1	42.3	116	25.6
165	37.5	115	23.8	39.6	108	24.1
170	34.7	108	22.5	36.6	100	22.7
175	31.7	99	21.2	33.4	91	21.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	42.2	75.0	187	30.3
90	69.2	190	40.5	73.4	185	29.3
95	67.6	188	38.8	71.8	183	28.4
100	66.0	185	37.3	70.2	180	27.7
105	64.4	182	35.9	68.5	177	26.8
110	62.8	179	34.7	66.8	174	26.1
115	61.1	176	33.7	65.1	171	25.4
120	59.7	174	33.0	63.3	168	24.7
125	58.0	170	32.2	61.5	164	24.2
130	56.2	166	31.5	59.6	160	23.7
135	54.4	162	30.7	57.7	156	23.1
140	52.5	158	30.1	55.8	152	22.6
145	50.6	153	29.5	53.8	147	22.2
150	48.6	148	28.9	51.7	142	21.7
155	46.5	143	27.3	49.5	136	21.3
160	44.4	138	25.8	47.2	130	21.0
165	42.1	131	24.4	44.8	124	20.8
170	39.7	125	23.1	42.3	116	20.6
175	37.2	117	21.9	39.5	108	20.4
180	34.5	109	20.7	36.6	100	20.2
185	31.6	100	19.6	33.3	90	19.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.9	72.8	190	22.5
105	67.0	194	31.0	71.3	187	21.9
110	65.4	191	30.1	69.7	184	21.3
115	63.9	188	29.3	68.0	181	20.6
120	62.3	185	28.5	66.4	178	20.0
125	60.6	182	27.9	64.7	175	19.5
130	59.0	178	27.1	62.9	171	19.0
135	57.3	174	26.2	61.2	167	18.6
140	55.5	170	25.4	59.3	163	18.2
145	53.8	166	24.6	57.5	159	17.8
150	51.9	162	23.9	55.6	154	17.5
155	50.0	157	23.2	53.6	149	17.2
160	48.1	152	22.6	51.5	144	16.9
165	46.1	146	22.1	49.4	138	16.6
170	44.0	140	21.6	47.1	131	16.4
175	41.8	134	21.1	44.7	124	16.2
180	39.4	127	20.7	42.2	117	16.1
185	36.9	119	20.1	39.5	109	16.0
190	34.3	111	19.0	36.5	99	15.9
195	31.4	102	18.0	33.2	88	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.8	69.1	189	16.9
125	63.0	193	23.2	67.6	185	16.4
130	61.5	190	22.7	65.9	182	16.0
135	59.9	186	22.2	64.3	178	15.7
140	58.3	183	21.5	62.6	175	15.3
145	56.6	179	20.8	60.8	170	15.1
150	54.9	174	20.2	59.1	166	14.8
155	53.2	170	19.6	57.2	161	14.5
160	51.4	165	19.1	55.3	156	14.3
165	49.5	160	18.6	53.4	151	14.1
170	47.6	155	18.1	51.3	145	13.8
175	45.6	149	17.7	49.2	139	13.7
180	43.6	143	17.4	47.0	133	13.5
185	41.4	136	17.0	44.6	125	13.4
190	39.1	129	16.7	42.1	117	13.3
195	36.7	121	16.4	39.4	109	13.3
200	34.1	113	16.1	36.4	99	13.2
205	31.2	103	15.8	33.1	87	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.5	65.5	186	13.3
145	59.2	191	17.9	63.9	182	13.1
150	57.6	187	17.4	62.2	178	12.8
155	56.0	183	16.9	60.5	173	12.6
160	54.3	178	16.5	58.8	169	12.4
165	52.6	174	16.0	57.0	164	12.2
170	50.9	169	15.7	55.1	159	12.0
175	49.1	164	15.3	53.2	153	11.8
180	47.2	158	15.0	51.2	147	11.6
185	45.2	152	14.7	49.1	141	11.4
190	43.2	146	14.4	46.9	134	11.3
195	41.1	139	14.2	44.5	126	11.2
200	38.8	131	13.9	42.0	118	11.2
205	36.5	123	13.7	39.3	109	11.1
210	33.9	114	13.5	36.3	98	11.1
215	31.1	104	13.3	33.0	86	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	68.7	79.0	198	57.4
65	74.8	199	68.8	77.5	196	55.6
70	73.3	198	68.8	75.9	195	53.5
75	71.8	196	68.9	74.4	193	51.6
80	70.3	194	69.0	72.8	191	50.0
85	68.7	192	63.6	71.3	189	48.7
90	67.2	190	60.0	69.7	186	47.4
95	65.6	187	55.5	68.1	184	45.9
100	64.0	185	51.4	66.4	181	44.6
105	62.3	182	47.8	64.8	179	43.4
110	60.7	179	44.5	63.1	176	42.3
115	59.0	176	41.5	61.4	172	41.4
120	57.3	173	38.8	59.6	169	39.7
125	55.5	169	36.4	57.8	165	37.2
130	53.7	165	34.1	56.0	161	34.9
135	52.3	162	32.2	54.5	158	32.9
140	50.4	158	30.2	52.6	154	30.9
145	48.5	153	28.4	50.6	149	29.0
150	46.5	148	26.8	48.5	144	27.3
155	44.4	143	25.2	46.4	138	25.7
160	42.2	137	23.8	44.1	133	24.2
165	40.0	131	22.4	41.8	126	22.8
170	37.6	124	21.1	39.3	119	21.4
175	35.1	117	19.9	36.7	111	20.2
180	32.4	109	18.8	33.8	103	19.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.7	81.1	206	42.6
65	76.5	209	64.2	79.7	205	41.1
70	75.1	208	61.5	78.2	203	39.9
75	73.6	206	59.1	76.8	202	38.6
80	72.2	204	57.1	75.3	200	37.3
85	70.7	202	55.4	73.8	198	36.2
90	69.2	200	53.3	72.3	196	35.2
95	67.7	198	51.1	70.8	193	34.4
100	66.2	195	49.1	69.2	191	33.6
105	64.7	193	47.2	68.0	189	32.8
110	63.1	190	45.3	66.4	186	32.5
115	61.5	187	42.3	64.8	183	32.2
120	59.9	184	39.6	63.1	180	32.0
125	58.3	181	37.1	61.4	176	31.7
130	56.6	177	34.8	59.7	173	31.4
135	55.3	174	32.8	58.0	169	30.7
140	53.5	170	30.9	56.2	165	30.1
145	51.8	166	29.1	54.3	161	29.5
150	49.9	161	27.4	52.4	156	28.1
155	48.0	157	25.9	50.5	151	26.5
160	46.1	151	24.4	48.4	145	25.0
165	44.0	146	23.0	46.3	140	23.6
170	41.9	140	21.7	44.1	133	22.2
175	39.7	133	20.5	41.8	127	20.9
180	37.4	127	19.3	39.3	119	19.7
185	34.9	119	18.3	36.6	111	18.5
190	32.2	110	17.2	33.7	102	17.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	44.1	77.9	209	32.2
85	72.5	212	43.0	76.4	207	31.2
90	71.1	210	42.0	75.0	205	30.1
95	69.7	208	40.8	73.5	203	29.2
100	68.3	206	39.2	72.1	201	28.4
105	66.8	203	37.8	70.6	198	27.8
110	65.3	201	36.5	69.1	196	27.0
115	63.8	198	35.3	67.5	193	26.2
120	62.3	195	34.2	66.0	190	25.6
125	60.8	192	33.3	64.4	187	24.9
130	59.6	189	33.0	62.8	183	24.4
135	58.0	186	32.2	61.1	180	23.9
140	56.3	182	31.5	59.5	176	23.4
145	54.7	178	29.8	57.7	172	23.0
150	53.0	174	28.1	56.0	167	22.5
155	51.2	170	26.5	54.2	163	22.1
160	49.4	165	25.0	52.3	158	21.7
165	47.6	160	23.7	50.3	153	21.4
170	45.7	154	22.4	48.3	147	21.1
175	43.7	149	21.1	46.2	141	20.8
180	41.6	142	20.0	44.0	134	20.5
185	39.4	136	18.9	41.7	127	19.3
190	37.2	129	17.8	39.2	119	18.2
195	34.7	121	16.8	36.6	111	17.1
200	32.1	112	15.9	33.7	101	16.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.7	75.8	213	23.8
100	70.4	217	33.1	74.4	210	23.1
105	69.0	214	32.1	73.0	208	22.4
110	67.6	212	31.2	71.5	206	21.9
115	66.2	209	30.3	70.1	203	21.4
120	64.8	207	29.5	68.6	200	20.8
125	63.4	204	28.8	67.1	197	20.2
130	61.9	201	28.2	65.6	194	19.7
135	60.4	197	27.7	64.0	190	19.3
140	58.9	194	26.9	62.5	187	18.9
145	57.3	190	26.1	60.8	183	18.5
150	55.7	186	25.3	59.2	179	18.2
155	54.1	182	24.6	57.5	175	17.8
160	52.4	178	24.0	55.8	170	17.5
165	50.7	173	23.4	54.0	165	17.2
170	49.0	168	22.8	52.1	160	16.9
175	47.2	163	21.6	50.2	154	16.7
180	45.3	157	20.5	48.2	148	16.4
185	43.4	151	19.4	46.1	142	16.3
190	41.3	145	18.3	44.0	135	16.2
195	39.2	138	17.3	41.7	128	16.1
200	36.9	131	16.4	39.2	119	16.0
205	34.5	122	15.5	36.5	110	15.8
210	31.9	113	14.6	33.6	100	14.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	25.1	72.5	213	17.8
120	66.8	217	24.5	71.0	210	17.4
125	65.4	215	23.9	69.6	207	17.0
130	64.0	212	23.4	68.2	204	16.6
135	62.6	209	22.9	66.7	201	16.2
140	61.2	205	22.5	65.2	197	15.8
145	59.7	202	22.0	63.7	194	15.5
150	58.2	198	21.3	62.1	190	15.2
155	56.7	194	20.7	60.6	186	15.0
160	55.1	190	20.2	58.9	182	14.7
165	53.6	186	19.6	57.3	177	14.5
170	51.9	181	19.1	55.6	172	14.2
175	50.3	177	18.7	53.8	167	14.0
180	48.5	172	18.3	52.0	162	13.8
185	46.8	166	17.9	50.1	156	13.6
190	44.9	160	17.6	48.1	150	13.4
195	43.0	154	17.2	46.1	143	13.3
200	41.0	147	16.9	43.9	136	13.3
205	38.9	140	16.0	41.6	128	13.2
210	36.7	132	15.1	39.1	119	13.2
215	34.3	124	14.3	36.5	110	13.1
220	31.8	114	13.5	33.5	99	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	19.1	69.2	211	14.0
140	63.2	217	18.8	67.8	208	13.7
145	61.9	214	18.5	66.3	205	13.4
150	60.5	210	18.3	64.9	201	13.1
155	59.0	206	17.8	63.4	197	12.9
160	57.6	203	17.3	61.8	193	12.6
165	56.1	199	16.9	60.3	189	12.5
170	54.6	194	16.5	58.7	185	12.3
175	53.0	190	16.1	57.0	180	12.1
180	51.4	185	15.7	55.4	175	11.9
185	49.8	180	15.4	53.6	169	11.7
190	48.1	175	15.1	51.8	164	11.6
195	46.4	169	14.8	49.9	158	11.4
200	44.6	163	14.6	48.0	151	11.3
205	42.7	157	14.3	46.0	144	11.2
210	40.7	150	14.1	43.8	137	11.2
215	38.7	142	13.9	41.5	128	11.2
220	36.5	134	13.7	39.1	119	11.1
225	34.1	125	13.1	36.4	109	11.1
230	31.6	116	12.4	33.4	98	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	68.9	80.0	218	58.6
65	76.2	220	67.0	78.6	217	56.8
70	74.8	218	64.3	77.3	215	55.2
75	73.5	217	63.4	75.9	214	53.3
80	72.1	215	62.6	74.5	212	51.6
85	70.7	213	62.0	73.1	210	50.1
90	69.3	211	59.1	71.7	208	48.8
95	67.9	209	54.5	70.2	206	47.7
100	66.5	207	50.4	68.8	203	46.4
105	65.0	204	46.8	67.3	201	45.1
110	63.6	202	43.5	65.8	198	44.0
115	62.1	199	40.5	64.3	195	41.7
120	60.6	196	37.8	62.8	192	38.9
125	59.0	193	35.3	61.2	189	36.3
130	57.5	190	33.1	59.6	186	34.0
135	56.2	187	31.2	58.3	183	32.0
140	54.6	183	29.2	56.7	179	30.0
145	53.0	179	27.4	55.0	175	28.2
150	51.3	175	25.8	53.3	171	26.5
155	49.6	171	24.2	51.5	167	24.8
160	47.8	166	22.8	49.7	162	23.3
165	45.9	161	21.4	47.8	157	21.9
170	44.0	156	20.1	45.8	151	20.6
175	42.1	150	18.9	43.8	145	19.4
180	40.0	144	17.8	41.7	139	18.2
185	37.9	137	16.7	39.4	132	17.0
190	35.6	130	15.7	37.0	124	16.0
195	33.2	122	14.7	34.5	116	15.0
200	30.6	114	13.8	31.8	107	14.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	66.3	81.9	227	43.5
65	77.7	230	65.6	80.6	225	41.9
70	76.4	228	64.1	79.3	224	40.5
75	75.1	227	61.5	78.0	222	39.5
80	73.8	225	59.2	76.6	221	38.3
85	72.4	223	57.2	75.3	219	37.1
90	71.1	221	55.4	73.9	217	36.1
95	69.8	219	53.7	72.6	215	35.2
100	68.4	217	51.2	71.2	213	34.5
105	67.0	215	47.6	69.8	210	33.8
110	65.6	212	44.3	68.7	208	33.0
115	64.2	210	41.3	67.2	206	32.7
120	62.8	207	38.6	65.8	203	32.4
125	61.4	204	36.1	64.3	200	32.1
130	59.9	201	33.8	62.8	197	31.8
135	58.7	198	31.9	61.3	193	31.6
140	57.2	195	29.9	59.7	190	30.9
145	55.7	191	28.1	58.1	186	29.1
150	54.1	187	26.4	56.5	182	27.3
155	52.5	183	24.9	54.8	178	25.7
160	50.8	179	23.4	53.1	173	24.2
165	49.1	174	22.0	51.4	169	22.7
170	47.4	169	20.7	49.6	163	21.4
175	45.6	164	19.5	47.7	158	20.1
180	43.7	159	18.4	45.8	152	18.9
185	41.8	153	17.3	43.7	146	17.8
190	39.8	146	16.3	41.6	139	16.7
195	37.7	139	15.3	39.4	132	15.6
200	35.4	132	14.4	37.0	124	14.7
205	33.0	124	13.5	34.5	116	13.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	44.6	78.9	230	32.2
85	74.0	233	43.5	77.6	228	32.0
90	72.7	231	42.6	76.3	226	30.9
95	71.5	230	41.8	75.0	225	30.0
100	70.2	227	41.1	73.7	222	29.2
105	68.9	225	39.6	72.4	220	28.5
110	67.5	223	38.3	71.0	218	27.8
115	66.2	220	37.0	69.6	215	27.2
120	64.8	218	35.9	68.2	213	26.5
125	63.5	215	34.8	66.8	210	25.8
130	62.1	212	33.9	65.4	207	25.2
135	61.0	210	32.6	64.0	204	24.7
140	59.5	206	30.6	62.5	200	24.2
145	58.1	203	28.8	61.0	197	23.8
150	56.6	199	27.1	59.5	193	23.4
155	55.1	195	25.5	57.9	189	22.9
160	53.6	191	24.1	56.3	185	22.5
165	52.0	187	22.7	54.7	180	22.1
170	50.4	182	21.4	53.0	175	21.8
175	48.7	178	20.2	51.3	170	20.9
180	47.0	173	19.0	49.5	165	19.7
185	45.2	167	17.9	47.6	159	18.5
190	43.4	161	16.9	45.7	153	17.4
195	41.5	155	15.9	43.7	147	16.4
200	39.5	149	15.0	41.6	140	15.4
205	37.4	141	14.1	39.4	132	14.4
210	35.2	134	13.2	37.0	124	13.5
215	32.9	125	12.4	34.4	115	12.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.0	240	34.3	77.0	234	24.4
100	71.8	238	33.5	75.8	232	23.7
105	70.8	236	32.7	74.5	230	23.0
110	69.5	234	32.1	73.2	227	22.4
115	68.3	231	31.3	71.9	225	21.9
120	67.0	229	30.5	70.5	222	21.5
125	65.7	226	29.8	69.2	220	21.0
130	64.4	224	29.1	67.8	217	20.4
135	63.0	221	28.5	66.5	214	19.9
140	61.7	218	27.9	65.1	210	19.5
145	60.3	214	27.5	63.6	207	19.1
150	58.9	211	26.7	62.2	204	18.7
155	57.5	207	26.0	60.7	200	18.4
160	56.0	203	24.6	59.2	196	18.1
165	54.6	199	23.2	57.7	192	17.8
170	53.1	195	21.9	56.1	187	17.5
175	51.5	191	20.7	54.5	183	17.2
180	49.9	186	19.5	52.8	178	17.0
185	48.3	181	18.4	51.1	172	16.7
190	46.6	176	17.4	49.4	167	16.5
195	44.9	170	16.4	47.5	161	16.3
200	43.1	164	15.4	45.6	154	16.0
205	41.2	158	14.6	43.6	148	15.1
210	39.3	151	13.7	41.5	140	14.2
215	37.2	144	12.9	39.3	132	13.3
220	35.1	136	12.1	36.9	124	12.4
225	32.8	127	11.3	34.4	114	11.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.2	75.2	237	18.7
115	69.9	242	25.8	74.0	234	18.2
120	68.7	240	25.1	72.7	232	17.8
125	67.5	237	24.5	71.4	229	17.4
130	66.2	234	24.0	70.1	227	17.1
135	64.9	232	23.4	68.8	224	16.7
140	63.6	229	23.0	67.5	221	16.3
145	62.3	226	22.5	66.1	218	16.0
150	61.0	222	22.2	64.7	214	15.7
155	59.7	219	21.7	63.3	211	15.4
160	58.3	215	21.2	61.9	207	15.1
165	56.9	212	20.6	60.5	203	14.9
170	55.5	208	20.1	59.0	199	14.7
175	54.1	203	19.6	57.5	194	14.5
180	52.6	199	19.2	55.9	190	14.3
185	51.1	194	18.8	54.3	185	14.1
190	49.5	189	17.9	52.7	180	13.9
195	47.9	184	16.9	51.0	174	13.7
200	46.3	179	16.0	49.2	168	13.6
205	44.6	173	15.1	47.4	162	13.4
210	42.8	167	14.2	45.5	156	13.4
215	41.0	160	13.4	43.6	148	13.3
220	39.0	153	12.6	41.5	141	13.1
225	37.0	145	11.9	39.2	132	12.3
230	34.9	137	11.1	36.9	123	11.5
235	32.6	128	10.4	34.3	113	10.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.8	72.2	237	14.6
135	66.7	242	19.5	71.0	234	14.4
140	65.5	240	19.2	69.7	231	14.1
145	64.2	237	18.9	68.4	228	13.8
150	63.0	234	18.6	67.1	225	13.5
155	61.7	230	18.3	65.8	221	13.3
160	60.4	227	18.1	64.4	218	13.0
165	59.1	223	17.7	63.0	214	12.8
170	57.7	220	17.3	61.6	210	12.6
175	56.4	216	16.9	60.2	206	12.5
180	55.0	212	16.5	58.7	202	12.3
185	53.6	207	16.1	57.3	197	12.1
190	52.1	203	15.8	55.7	192	11.9
195	50.6	198	15.5	54.2	187	11.8
200	49.1	193	15.2	52.5	182	11.6
205	47.5	187	14.9	50.9	176	11.5
210	45.9	182	14.6	49.1	170	11.4
215	44.2	176	13.8	47.3	163	11.3
220	42.5	169	13.0	45.5	157	11.2
225	40.7	162	12.2	43.5	149	11.2
230	38.8	155	11.5	41.4	141	11.1
235	36.8	147	10.8	39.2	132	11.1
240	34.7	139	10.2	36.8	123	10.5
245	32.4	130	9.5	34.2	112	9.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	68.9	80.8	237	56.5
65	77.3	239	68.9	79.6	236	55.9
70	76.1	238	63.5	78.3	235	55.3
75	74.8	236	60.9	77.0	233	54.5
80	73.6	235	58.6	75.8	232	52.8
85	72.3	233	56.6	74.5	230	51.4
90	71.0	231	54.9	73.2	228	50.1
95	69.7	229	53.1	71.9	226	48.9
100	68.4	227	49.6	70.6	224	48.0
105	67.1	225	46.0	69.2	222	46.4
110	65.8	223	42.7	67.9	219	44.0
115	64.5	220	39.7	66.5	217	40.9
120	63.1	218	37.0	65.2	214	38.2
125	61.7	215	34.5	63.8	211	35.6
130	60.7	212	32.4	62.3	208	33.3
135	59.2	209	30.3	61.2	206	31.3
140	57.8	206	28.4	59.8	202	29.3
145	56.4	203	26.6	58.3	199	27.4
150	54.9	199	24.9	56.8	195	25.7
155	53.4	195	23.4	55.2	191	24.1
160	51.8	191	21.9	53.6	187	22.6
165	50.2	187	20.6	52.0	183	21.2
170	48.6	182	19.3	50.4	178	19.9
175	47.0	177	18.1	48.7	173	18.6
180	45.3	172	17.0	46.9	168	17.5
185	43.5	167	15.9	45.1	162	16.3
190	41.7	161	14.9	43.2	156	15.3
195	39.8	155	13.9	41.2	150	14.3
200	37.8	148	13.0	39.2	143	13.3
205	35.7	141	12.1	37.0	136	12.4
210	33.5	133	11.3	34.7	128	11.5
215	31.1	125	10.5	32.2	119	10.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	60.5	81.4	245	42.4
70	77.4	248	60.6	80.2	243	41.1
75	76.2	246	58.2	78.9	242	39.9
80	75.0	245	55.9	77.7	240	39.0
85	73.8	243	53.9	76.5	239	38.0
90	72.6	241	52.0	75.2	237	36.9
95	71.4	239	50.4	74.0	235	36.0
100	70.1	237	49.1	72.7	233	35.2
105	68.9	235	46.8	71.4	231	34.5
110	67.6	233	43.5	70.2	229	33.9
115	66.3	231	40.5	68.8	226	33.1
120	65.0	228	37.8	67.8	224	32.7
125	63.7	226	35.3	66.5	221	32.4
130	62.7	223	33.2	65.1	219	32.1
135	61.4	220	31.0	63.8	216	31.8
140	60.0	217	29.1	62.4	212	30.2
145	58.6	214	27.3	61.0	209	28.4
150	57.2	211	25.6	59.5	206	26.6
155	55.8	207	24.0	58.1	202	25.0
160	54.4	203	22.6	56.6	198	23.4
165	52.9	199	21.2	55.1	194	22.0
170	51.4	195	19.9	53.5	189	20.7
175	49.8	190	18.7	51.9	185	19.4
180	48.2	186	17.6	50.3	180	18.2
185	46.6	181	16.5	48.6	175	17.1
190	44.9	175	15.5	46.9	169	16.0
195	43.2	170	14.5	45.1	163	15.0
200	41.4	164	13.6	43.2	157	14.0
205	39.5	157	12.7	41.2	150	13.1
210	37.6	151	11.9	39.2	143	12.2
215	35.5	143	11.1	37.0	135	11.3
220	33.4	135	10.3	34.7	127	10.5
225	31.0	126	9.5	32.2	117	9.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	44.1	79.8	249	32.3
85	75.2	253	43.3	78.6	248	32.0
90	74.1	251	42.6	77.4	246	31.6
95	72.9	250	41.9	76.2	244	30.7
100	71.7	248	41.4	75.0	243	29.8
105	70.5	246	40.9	73.8	240	29.1
110	69.3	243	39.9	72.5	238	28.4
115	68.1	241	38.5	71.3	236	27.8
120	66.8	239	37.2	70.0	234	27.3
125	65.6	236	36.1	68.7	231	26.6
130	64.3	234	33.8	67.5	228	26.0
135	63.3	231	31.8	66.1	225	25.4
140	62.0	228	29.8	64.8	222	24.9
145	60.7	225	28.0	63.5	219	24.4
150	59.4	222	26.3	62.1	216	24.0
155	58.1	219	24.7	60.7	212	23.6
160	56.7	215	23.2	59.3	209	23.1
165	55.3	211	21.9	57.9	205	22.5
170	53.9	207	20.6	56.4	201	21.5
175	52.4	203	19.3	54.9	196	20.2
180	51.0	199	18.2	53.4	192	19.0
185	49.4	194	17.1	51.8	187	17.9
190	47.9	189	16.1	50.2	182	16.8
195	46.3	184	15.1	48.5	176	15.7
200	44.6	178	14.2	46.8	170	14.7
205	42.9	173	13.3	45.0	164	13.8
210	41.2	166	12.4	43.1	158	12.9
215	39.3	160	11.6	41.2	151	12.0
220	37.4	153	10.9	39.1	143	11.2
225	35.4	145	10.1	37.0	135	10.4
230	33.2	137	9.4	34.6	126	9.7
235	30.9	128	8.7	32.1	116	8.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.5	79.2	255	25.4
95	74.3	260	34.7	78.0	253	24.8
100	73.1	258	34.0	76.8	252	24.2
105	72.0	256	33.4	75.7	250	23.5
110	71.1	254	32.1	74.5	248	22.9
115	69.9	252	31.8	73.3	245	22.4
120	68.7	250	31.1	72.1	243	21.9
125	67.5	247	30.4	70.8	241	21.5
130	66.3	245	29.7	69.6	238	21.1
135	65.1	242	29.1	68.4	235	20.6
140	63.9	239	28.6	67.1	232	20.1
145	62.7	236	28.1	65.8	229	19.7
150	61.4	233	26.9	64.5	226	19.3
155	60.1	230	25.3	63.2	223	18.9
160	58.8	227	23.8	61.9	219	18.6
165	57.5	223	22.4	60.5	215	18.3
170	56.2	219	21.1	59.1	212	18.0
175	54.8	215	19.9	57.7	207	17.7
180	53.4	211	18.7	56.2	203	17.5
185	52.0	207	17.6	54.8	199	17.2
190	50.5	202	16.6	53.2	194	17.0
195	49.0	197	15.6	51.7	189	16.4
200	47.5	192	14.6	50.1	183	15.4
205	45.9	187	13.7	48.4	178	14.4
210	44.3	181	12.9	46.7	172	13.5
215	42.6	175	12.1	44.9	165	12.7
220	40.9	169	11.3	43.1	159	11.8
225	39.1	162	10.6	41.1	151	11.0
230	37.2	155	9.9	39.1	143	10.2
235	35.2	147	9.2	36.9	135	9.5
240	33.1	138	8.5	34.6	125	8.8
245	30.8	129	7.9	32.0	115	8.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.9	76.3	257	19.1
115	71.4	262	25.7	75.2	255	18.6
120	70.2	260	25.4	74.0	253	18.2
125	69.1	258	24.9	72.8	250	17.8
130	68.0	255	24.4	71.6	248	17.4
135	66.8	253	23.9	70.4	245	17.1
140	65.6	250	23.5	69.2	242	16.8
145	64.4	247	23.1	68.0	239	16.4
150	63.2	244	22.7	66.8	236	16.1
155	62.0	241	22.4	65.5	233	15.8
160	60.8	238	22.1	64.2	230	15.5
165	59.5	235	21.6	62.9	226	15.3
170	58.3	231	21.0	61.6	222	15.0
175	57.0	227	20.3	60.3	219	14.8
180	55.7	223	19.2	58.9	214	14.6
185	54.3	219	18.1	57.5	210	14.4
190	53.0	215	17.1	56.1	206	14.3
195	51.6	210	16.1	54.6	201	14.1
200	50.1	206	15.2	53.1	196	13.9
205	48.7	201	14.3	51.5	191	13.8
210	47.2	195	13.4	50.0	185	13.6
215	45.6	190	12.6	48.3	179	13.3
220	44.0	184	11.8	46.6	173	12.5
225	42.4	178	11.1	44.9	166	11.7
230	40.7	171	10.4	43.0	159	10.9
235	38.9	164	9.7	41.1	152	10.1
240	37.0	157	9.0	39.0	143	9.4
245	35.0	148	8.4	36.9	134	8.7
250	32.9	140	7.7	34.5	124	8.0
255	30.7	130	7.1	31.9	113	7.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.3	74.7	260	15.2
130	69.5	266	20.0	73.5	257	14.9
135	68.4	263	19.7	72.4	255	14.6
140	67.2	261	19.4	71.2	252	14.4
145	66.1	258	19.1	70.0	249	14.2
150	64.9	255	18.8	68.9	246	13.9
155	63.8	252	18.6	67.6	243	13.6
160	62.6	249	18.3	66.4	240	13.4
165	61.4	246	18.1	65.2	237	13.1
170	60.2	243	17.9	63.9	233	12.9
175	59.0	239	17.5	62.6	230	12.7
180	57.7	235	17.2	61.3	226	12.6
185	56.5	232	16.8	60.0	222	12.4
190	55.2	227	16.4	58.7	217	12.2
195	53.9	223	16.1	57.3	213	12.1
200	52.5	219	15.6	55.9	208	11.9
205	51.1	214	14.7	54.4	203	11.8
210	49.7	209	13.8	52.9	198	11.7
215	48.3	204	13.0	51.4	193	11.5
220	46.8	199	12.2	49.9	187	11.4
225	45.3	193	11.5	48.2	181	11.3
230	43.7	187	10.7	46.5	174	11.2
235	42.1	180	10.1	44.8	167	10.7
240	40.4	174	9.4	43.0	160	9.9
245	38.7	166	8.7	41.0	152	9.2
250	36.8	158	8.1	39.0	143	8.5
255	34.9	150	7.5	36.8	134	7.9
260	32.8	141	7.0	34.4	124	7.2
265	30.6	131	6.4	31.8	112	6.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>						
31	86.0	265	67.1			
35	85.0	265	66.8			
40	83.9	264	66.2			
40				86.0	261	53.9
45	82.8	263	65.8	85.0	260	53.7
50	81.7	263	61.7	83.8	259	53.5
55	80.6	262	61.3	82.7	258	53.3
60	79.4	261	61.0	81.5	257	52.9
65	78.3	259	60.7	80.4	256	52.6
70	77.2	258	60.1	79.2	255	52.3
75	76.0	257	57.2	78.1	254	52.1
80	74.9	255	54.6	76.9	252	51.3
85	73.7	254	52.2	75.7	251	49.5
90	72.5	252	50.1	74.5	249	47.8
95	71.4	250	48.2	73.4	247	46.3
100	70.2	249	46.6	72.2	245	45.0
105	69.0	246	44.4	70.9	243	43.8
110	67.8	244	41.7	69.7	241	42.7
115	66.6	242	38.7	68.5	239	40.1
120	65.3	240	36.0	67.2	236	37.3
125	64.1	237	33.5	66.0	234	34.7
130	63.1	235	31.4	65.0	232	31.4
135	61.8	232	29.3	63.7	229	30.4
140	60.6	229	27.4	62.4	226	28.4
145	59.3	226	25.6	61.1	223	26.5
150	57.9	223	23.9	59.7	219	24.8
155	56.6	220	22.4	58.4	216	23.2
160	55.2	216	20.9	57.0	212	21.7
165	53.9	212	19.6	55.6	208	20.3
170	52.4	208	18.3	54.1	204	19.0
175	51.0	204	17.1	52.7	200	17.7
180	49.5	200	15.9	51.2	196	16.5
185	48.0	195	14.9	49.6	191	15.4
190	46.5	190	13.9	48.0	186	14.4
195	44.9	185	12.9	46.4	181	13.4
200	43.2	180	12.0	44.7	175	12.4
205	41.6	174	11.1	43.0	169	11.5
210	39.8	168	10.3	41.2	163	10.7
215	38.0	161	9.5	39.3	156	9.8
220	36.1	154	8.8	37.3	149	9.0
225	34.1	147	8.1	35.2	141	8.3
230	31.9	138	7.4	33.0	132	7.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 46 ft fixed jib</b>						
35	86.0	274	56.9			
35	86.0	274	56.9			
40	84.9	274	56.8			
45	83.8	273	56.5			
47				86.0	268	46.2
50	82.7	272	56.4	85.3	268	45.8
55	81.7	271	55.8	84.2	267	44.6
60	80.6	270	55.3	83.1	266	43.8
65	79.5	269	54.8	82.0	265	42.8
70	78.4	268	54.3	80.9	264	41.5
75	77.3	267	54.0	79.8	262	40.4
80	76.2	265	51.6	78.7	261	39.5
85	75.0	264	49.5	77.5	259	38.7
90	73.9	262	47.6	76.4	258	37.7
95	72.8	260	45.8	75.2	256	36.8
100	71.7	259	44.3	74.1	254	36.0
105	70.5	257	43.0	72.9	252	35.2
110	69.4	255	41.4	71.7	250	34.5
115	68.2	252	39.4	70.6	248	34.0
120	67.0	250	36.8	69.4	245	33.2
125	65.8	248	34.3	68.4	244	32.2
130	64.9	246	30.8	67.2	241	31.3
135	63.7	243	30.1	66.0	238	30.4
140	62.5	240	28.1	64.7	235	29.4
145	61.2	237	26.3	63.4	232	27.5
150	60.0	234	24.6	62.2	229	25.7
155	58.7	231	23.0	60.9	226	24.1
160	57.4	228	21.6	59.5	222	22.6
165	56.1	224	20.2	58.2	219	21.1
170	54.8	220	18.9	56.8	215	19.8
175	53.4	216	17.7	55.4	211	18.5
180	52.0	212	16.5	54.0	207	17.3
185	50.6	208	15.5	52.6	202	16.2
190	49.2	203	14.4	51.1	198	15.1
195	47.7	199	13.5	49.5	193	14.1
200	46.2	193	12.6	48.0	187	13.1
205	44.6	188	11.7	46.4	182	12.2
210	43.0	182	10.9	44.7	176	11.3
215	41.3	177	10.1	42.9	170	10.5
220	39.6	170	9.3	41.1	163	9.7
225	37.8	163	8.6	39.3	156	8.9
230	35.9	156	7.9	37.3	148	8.2
235	33.9	148	7.2	35.2	140	7.4
240	31.8	140	6.6	33.0	131	6.8
245				30.5	121	6.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 56 ft fixed jib</b>						
39	86.0	283	50.4			
40	85.8	283	50.3			
45	84.8	282	49.7			
50	83.7	282	49.2			
54				86.0	276	36.0
55	82.7	281	48.8	85.7	275	35.8
60	81.6	280	47.5	84.6	274	34.6
65	80.6	279	46.1	83.6	273	33.7
70	79.5	278	45.0	82.7	272	33.4
75	78.4	276	44.0	81.6	271	32.9
80	77.4	275	43.2	80.5	270	32.5
85	76.3	274	42.4	79.5	268	32.1
90	75.2	272	41.7	78.3	267	31.7
95	74.1	270	41.0	77.2	265	31.4
100	73.0	269	40.4	76.1	263	30.5
105	71.9	267	39.9	75.0	262	29.7
110	70.8	265	39.4	73.9	260	29.0
115	69.7	263	38.8	72.7	257	28.4
120	68.6	260	37.1	71.6	255	27.9
125	67.5	258	35.1	70.4	253	27.4
130	66.6	256	30.6	69.2	250	26.8
135	65.4	254	29.8	68.1	248	26.2
140	64.2	251	28.9	66.9	245	25.7
145	63.0	248	27.0	65.6	242	25.2
150	61.9	245	25.3	64.4	239	24.7
155	60.6	242	23.7	63.2	236	24.3
160	59.4	239	22.3	61.9	233	23.5
165	58.2	236	20.9	60.6	229	22.0
170	56.9	232	19.6	59.3	226	20.7
175	55.6	228	18.3	58.0	222	19.4
180	54.3	224	17.2	56.7	218	18.1
185	53.0	220	16.1	55.3	213	17.0
190	51.6	216	15.1	53.9	209	15.9
195	50.2	212	14.1	52.4	204	14.9
200	48.8	207	13.2	51.0	199	13.9
205	47.3	202	12.3	49.4	194	13.0
210	45.9	197	11.4	47.9	189	12.1
215	44.3	191	10.6	46.3	183	11.2
220	42.7	185	9.9	44.6	177	10.4
225	41.1	179	9.1	42.9	170	9.6
230	39.4	173	8.4	41.1	164	8.9
235	37.6	166	7.8	39.2	156	8.1
240	35.8	158	7.1	37.3	148	7.4
245	33.8	150	6.5	35.2	140	6.7
250	31.7	141	5.9	32.9	130	6.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 66 ft fixed jib</b>						
43	86.0	292	44.5			
45	85.6	292	44.3			
50	84.6	291	42.8			
55	83.6	290	41.6			
60	82.6	289	40.6			
60				86.0	283	30.0
65	81.6	288	39.5	85.2	282	29.6
70	80.6	287	38.5	84.2	281	28.7
75	79.5	286	37.6	83.1	280	27.9
80	78.5	285	36.9	82.1	279	27.2
85	77.5	283	36.3	81.0	277	26.4
90	76.4	282	35.5	80.0	276	25.7
95	75.4	280	34.8	78.9	274	25.1
100	74.3	279	34.2	77.8	272	24.6
105	73.3	277	33.6	76.7	271	24.0
110	72.2	275	33.1	75.6	269	23.4
115	71.4	273	31.5	74.5	267	22.9
120	70.3	271	31.3	73.4	264	22.4
125	69.2	269	30.5	72.3	262	21.9
130	68.1	267	29.6	71.2	260	21.5
135	67.0	264	28.7	70.0	257	21.2
140	65.9	262	27.9	68.9	255	20.7
145	64.7	259	27.2	67.7	252	20.3
150	63.6	256	25.9	66.5	249	19.9
155	62.4	253	24.3	65.4	246	19.5
160	61.3	250	22.8	64.1	243	19.1
165	60.1	247	21.4	62.9	240	18.8
170	58.9	244	20.1	61.7	236	18.5
175	57.6	240	18.9	60.4	232	18.3
180	56.4	236	17.7	59.1	229	17.8
185	55.1	232	16.6	57.8	225	17.2
190	53.9	228	15.6	56.5	220	16.6
195	52.6	224	14.6	55.1	216	15.5
200	51.2	220	13.7	53.7	211	14.5
205	49.9	215	12.8	52.3	206	13.6
210	48.5	210	11.9	50.9	201	12.7
215	47.0	205	11.1	49.4	196	11.8
220	45.6	200	10.3	47.8	190	11.0
225	44.0	194	9.6	46.2	184	10.2
230	42.5	188	8.9	44.6	178	9.4
235	40.9	182	8.2	42.9	171	8.7
240	39.2	175	7.6	41.1	164	8.0
245	37.4	168	6.9	39.2	156	7.3
250	35.6	160	6.3	37.2	148	6.6
255	33.7	152	5.7	35.1	139	6.0
260	31.6	143	5.2	32.8	129	5.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 76 ft fixed jib</b>						
47	86.0	301	35.2			
50	85.5	301	34.7			
55	84.5	300	33.6			
60	83.8	299	30.9			
65	82.8	298	30.2			
67				86.0	290	24.2
70	81.8	297	29.5	85.6	290	24.0
75	80.8	296	28.8	84.6	289	23.2
80	79.8	295	28.2	83.5	287	22.6
85	78.8	293	27.7	82.5	286	22.2
90	77.8	292	27.2	81.5	285	21.5
95	76.8	291	26.8	80.5	283	20.9
100	75.8	289	26.4	79.4	281	20.3
105	74.7	287	26.1	78.4	280	19.9
110	73.7	285	25.8	77.3	278	19.5
115	72.7	284	25.5	76.2	276	19.0
120	71.6	281	25.2	75.2	274	18.5
125	70.6	279	25.0	74.1	272	18.1
130	69.5	277	24.7	73.0	269	17.7
135	68.5	275	24.2	71.9	267	17.4
140	67.4	272	23.8	70.8	264	17.1
145	66.3	270	23.4	69.7	262	16.8
150	65.2	267	23.1	68.5	259	16.5
155	64.1	264	22.8	67.4	256	16.2
160	63.0	261	22.4	66.2	253	15.9
165	61.8	258	22.0	65.1	250	15.7
170	60.7	255	20.7	63.9	246	15.5
175	59.5	252	19.5	62.7	243	15.2
180	58.3	248	18.3	61.4	239	15.0
185	57.1	244	17.2	60.2	235	14.9
190	55.9	241	16.1	58.9	231	14.6
195	54.7	237	15.1	57.6	227	14.4
200	53.4	232	14.2	56.3	223	14.2
205	52.1	228	13.3	55.0	218	13.9
210	50.8	223	12.4	53.6	213	13.4
215	49.5	219	11.6	52.2	208	12.5
220	48.1	213	10.8	50.7	203	11.7
225	46.7	208	10.1	49.3	198	10.9
230	45.3	203	9.4	47.7	192	10.1
235	43.8	197	8.7	46.1	185	9.3
240	42.2	190	8.1	44.5	179	8.6
245	40.6	184	7.4	42.8	172	7.9
250	39.0	177	6.8	41.0	164	7.3
255	37.3	170	6.2	39.1	156	6.6
260	35.4	162	5.7	37.2	147	6.0
265	33.5	153	5.1	35.0	138	5.4
270	31.5	144	4.6	32.8	128	4.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 85 ft fixed jib</b>						
52	86.0	310	27.2			
55	85.6	310	26.8			
60	84.6	309	25.9			
65	83.7	308	25.1			
70	82.7	307	24.6			
74				86.0	298	19.7
75	81.7	306	24.0	85.9	298	19.7
80	80.8	305	23.4	84.9	296	19.1
85	79.8	303	23.0	83.9	295	18.5
90	78.9	302	22.6	82.9	294	18.1
95	77.9	300	22.2	81.9	292	17.7
100	76.9	299	21.9	80.9	291	17.2
105	75.9	297	21.5	79.9	289	16.8
110	74.9	295	21.2	78.9	287	16.4
115	73.9	294	20.9	77.9	285	16.1
120	72.9	292	20.6	76.8	283	15.8
125	71.9	290	20.3	75.8	281	15.5
130	70.9	288	20.1	74.7	279	15.1
135	69.9	285	19.9	73.7	276	14.9
140	68.8	283	19.5	72.6	274	14.6
145	67.8	280	19.2	71.5	271	14.4
150	66.7	278	19.0	70.4	269	14.2
155	65.7	275	18.7	69.3	266	13.9
160	64.6	272	18.4	68.2	263	13.7
165	63.5	269	18.2	67.1	260	13.5
170	62.4	266	18.0	65.9	257	13.2
175	61.3	263	17.8	64.8	253	13.0
180	60.2	260	17.6	63.6	250	12.8
185	59.0	256	17.1	62.4	246	12.7
190	57.8	252	16.5	61.2	242	12.5
195	56.7	249	15.6	60.0	238	12.4
200	55.5	245	14.6	58.7	234	12.2
205	54.3	240	13.7	57.5	230	12.1
210	53.0	236	12.9	56.2	225	11.9
215	51.7	232	12.0	54.8	221	11.8
220	50.5	227	11.3	53.5	216	11.7
225	49.1	222	10.5	52.1	210	11.4
230	47.8	217	9.8	50.6	205	10.6
235	46.4	211	9.1	49.2	199	9.9
240	45.0	205	8.4	47.6	193	9.2
245	43.5	199	7.8	46.1	186	8.5
250	42.0	193	7.2	44.4	180	7.8
255	40.4	186	6.6	42.7	172	7.1
260	38.8	179	6.0	41.0	165	6.5
265	37.1	171	5.5	39.1	156	5.9
270	35.3	163	4.9	37.1	147	5.3
275	33.4	155	4.4	35.0	137	4.7
280	31.4	145	3.9	32.7	126	4.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 36 ft fixed jib</b>						
32	86.0	284	56.3			
35	85.4	283	56.1			
40	84.3	283	55.8			
42				86.0	280	48.0
45	83.3	282	55.5	85.3	279	47.9
50	82.2	281	55.2	84.2	278	47.6
55	81.2	281	54.4	83.2	277	47.4
60	80.1	280	53.8	82.1	276	47.2
65	79.1	279	53.3	81.1	275	46.9
70	78.0	277	52.8	80.0	274	46.7
75	77.0	276	52.0	78.9	273	46.4
80	75.9	275	49.6	77.8	272	46.3
85	74.8	273	47.4	76.7	270	45.4
90	73.7	272	45.4	75.6	269	43.7
95	72.7	270	43.6	74.5	267	42.2
100	71.6	268	42.0	73.4	265	40.8
105	70.5	267	40.6	72.3	263	39.5
110	69.4	265	39.1	71.2	261	38.5
115	68.2	263	37.2	70.1	259	37.5
120	67.1	260	35.1	68.9	257	36.0
125	66.2	259	30.1	67.8	255	34.0
130	65.1	256	29.3	66.9	253	30.2
135	63.9	254	28.5	65.7	250	29.1
140	62.7	251	26.5	64.5	247	27.6
145	61.6	248	24.7	63.3	244	25.8
150	60.4	245	23.0	62.1	241	24.0
155	59.2	242	21.5	60.8	238	22.4
160	57.9	239	20.0	59.6	235	20.9
165	56.7	235	18.7	58.3	232	19.5
170	55.4	232	17.4	57.0	228	18.2
175	54.1	228	16.2	55.7	224	16.9
180	52.8	224	15.1	54.4	220	15.8
185	51.5	220	14.0	53.0	216	14.6
190	50.1	216	13.0	51.6	212	13.6
195	48.7	211	12.0	50.2	207	12.6
200	47.3	207	11.1	48.8	202	11.7
205	45.9	202	10.3	47.3	197	10.8
210	44.4	196	9.5	45.8	192	9.9
215	42.8	191	8.7	44.2	186	9.1
220	41.2	185	7.9	42.5	180	8.3
225	39.6	179	7.2	40.9	174	7.5
230	37.9	172	6.5	39.1	167	6.8
235	36.1	165	5.9	37.3	160	6.1
240	34.3	158	5.2	35.3	152	5.5
245	32.3	150	4.6	33.3	144	4.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 46 ft fixed jib</b>						
36	86.0	293	50.6			
40	85.2	292	50.4			
45	84.2	292	50.1			
48				86.0	287	42.2
50	83.2	291	49.9	85.7	287	42.2
55	82.2	290	49.6	84.6	286	41.9
60	81.2	289	48.9	83.6	285	41.6
65	80.2	288	48.4	82.6	284	41.4
70	79.1	287	47.9	81.5	283	40.7
75	78.1	286	47.5	80.5	282	40.0
80	77.1	285	47.0	79.4	280	39.3
85	76.1	283	45.0	78.4	279	38.8
90	75.0	282	43.2	77.3	277	38.4
95	74.0	280	41.6	76.3	276	37.5
100	72.9	278	40.1	75.2	274	36.7
105	71.9	277	38.8	74.1	272	35.9
110	70.8	275	37.6	73.0	270	35.2
115	69.7	273	36.6	71.9	268	34.6
120	68.6	271	34.9	70.8	266	34.0
125	67.5	268	33.3	69.7	264	33.5
130	66.7	267	29.7	68.8	262	32.0
135	65.6	264	28.5	67.7	259	30.5
140	64.4	262	27.3	66.6	257	28.6
145	63.3	259	25.4	65.4	254	26.8
150	62.2	256	23.7	64.2	251	25.0
155	61.0	253	22.2	63.0	248	23.3
160	59.8	250	20.7	61.9	245	21.8
165	58.6	247	19.3	60.6	242	20.4
170	57.4	243	18.0	59.4	238	19.0
175	56.2	240	16.8	58.2	235	17.8
180	55.0	236	15.7	56.9	231	16.6
185	53.7	232	14.6	55.6	227	15.4
190	52.4	228	13.6	54.3	223	14.3
195	51.1	224	12.6	52.9	218	13.3
200	49.8	220	11.7	51.6	214	12.4
205	48.4	215	10.8	50.1	209	11.5
210	47.0	210	10.0	48.7	204	10.6
215	45.6	205	9.2	47.2	199	9.7
220	44.1	199	8.4	45.7	193	8.9
225	42.6	194	7.7	44.1	187	8.2
230	41.0	188	7.0	42.5	181	7.4
235	39.4	181	6.4	40.8	174	6.7
240	37.7	175	5.7	39.1	167	6.1
245	36.0	167	5.1	37.2	160	5.4
250	34.1	160	4.5	35.3	151	4.8
255	32.2	151	4.0	33.3	143	4.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 56 ft fixed jib</b>						
40	86.0	302	45.8			
45	85.1	301	45.4			
50	84.1	300	44.9			
55				86.0	294	35.7
55	83.1	300	44.5	86.0	294	35.7
60	82.2	299	44.0	85.0	293	34.8
65	81.2	298	43.2	84.0	292	33.9
70	80.2	297	42.5	83.0	291	33.3
75	79.2	296	41.8	82.2	290	31.0
80	78.2	294	41.3	81.2	289	31.0
85	77.2	293	40.9	80.2	288	31.1
90	76.2	292	39.6	79.1	286	31.1
95	75.2	290	38.5	78.1	285	31.2
100	74.2	288	37.4	77.1	283	31.1
105	73.1	287	36.5	76.0	281	30.3
110	72.1	285	35.7	75.0	280	29.6
115	71.1	283	34.9	73.9	278	29.0
120	70.0	281	34.3	72.8	276	28.4
125	69.2	279	32.5	71.8	273	27.9
130	68.1	277	30.9	70.7	271	27.4
135	67.1	275	29.5	69.6	269	26.9
140	66.0	272	28.0	68.5	266	26.0
145	64.9	270	26.2	67.4	264	25.2
150	63.8	267	24.5	66.3	261	24.4
155	62.7	264	22.9	65.1	258	23.6
160	61.6	261	21.4	64.0	255	22.8
165	60.4	258	20.0	62.8	252	21.3
170	59.3	255	18.7	61.6	248	19.9
175	58.1	251	17.5	60.4	245	18.6
180	57.0	248	16.3	59.2	241	17.4
185	55.7	244	15.2	58.0	237	16.3
190	54.5	240	14.2	56.7	234	15.2
195	53.3	236	13.2	55.4	229	14.1
200	52.0	232	12.3	54.1	225	13.2
205	50.7	228	11.4	52.8	220	12.2
210	49.4	223	10.6	51.5	216	11.3
215	48.1	218	9.8	50.1	211	10.5
220	46.7	213	9.0	48.6	205	9.7
225	45.3	208	8.3	47.2	200	8.9
230	43.8	202	7.6	45.7	194	8.1
235	42.4	196	6.9	44.1	188	7.4
240	40.8	190	6.3	42.5	181	6.7
245	39.2	184	5.7	40.8	175	6.1
250	37.6	177	5.1	39.0	167	5.4
255	35.8	169	4.5	37.2	159	4.8
260	34.0	161	3.9	35.3	151	4.2
265	32.1	153	3.4	33.2	142	3.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 66 ft fixed jib</b>						
45	86.0	311	40.6			
45	85.9	311	40.5			
50	85.0	310	39.9			
55	84.0	309	39.3			
60	83.1	308	38.8			
62				86.0	302	25.9
65	82.1	307	38.2	85.5	301	26.1
70	81.2	306	37.3	84.6	300	26.3
75	80.2	305	36.5	83.6	299	26.5
80	79.2	304	35.8	82.6	298	26.8
85	78.3	303	35.2	81.6	297	26.3
90	77.3	301	34.7	80.6	295	25.7
95	76.3	300	34.2	79.6	294	25.2
100	75.3	298	33.7	78.6	292	24.8
105	74.4	297	33.3	77.6	290	24.4
110	73.6	295	31.2	76.6	289	23.9
115	72.6	293	30.9	75.6	287	23.3
120	71.6	291	30.6	74.5	285	22.8
125	70.6	289	30.3	73.5	283	22.3
130	69.5	287	29.8	72.5	280	21.9
135	68.5	285	28.4	71.4	278	21.5
140	67.5	283	27.2	70.3	276	21.2
145	66.4	280	26.0	69.3	273	20.8
150	65.4	278	24.9	68.2	270	20.4
155	64.3	275	23.5	67.1	268	20.0
160	63.2	272	22.0	66.0	265	19.6
165	62.1	269	20.6	64.9	262	19.3
170	61.0	266	19.3	63.7	258	19.0
175	59.9	263	18.0	62.6	255	18.7
180	58.8	259	16.9	61.4	252	18.2
185	57.6	256	15.8	60.2	248	17.0
190	56.5	252	14.7	59.0	244	15.9
195	55.3	248	13.7	57.8	240	14.8
200	54.1	244	12.8	56.6	236	13.8
205	52.9	240	11.9	55.3	232	12.9
210	51.6	236	11.1	54.0	227	12.0
215	50.4	231	10.3	52.7	223	11.1
220	49.1	227	9.5	51.3	218	10.3
225	47.8	222	8.8	50.0	212	9.5
230	46.4	216	8.0	48.6	207	8.7
235	45.0	211	7.4	47.1	201	8.0
240	43.6	205	6.7	45.6	195	7.3
245	42.1	199	6.1	44.0	189	6.6
250	40.6	193	5.5	42.4	182	6.0
255	39.0	186	4.9	40.8	175	5.3
260	37.4	179	4.4	39.0	167	4.7
265	35.7	171	3.8	37.2	159	4.1
270	33.9	163	3.3	35.2	150	3.6
275	32.0	154	2.8	33.1	140	3.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 76 ft fixed jib</b>						
49	86.0	320	33.7			
50	85.8	320	33.6			
55	85.0	319	29.9			
60	84.1	318	29.4			
65	83.2	317	29.0			
68				86.0	309	21.9
70	82.3	316	28.6	85.9	309	21.9
75	81.3	315	28.0	84.9	308	21.8
80	80.4	314	27.4	83.9	307	21.9
85	79.5	313	26.9	83.0	305	21.9
90	78.5	311	26.5	82.0	304	21.6
95	77.6	310	26.2	81.1	302	21.0
100	76.6	309	25.8	80.1	301	20.5
105	75.7	307	25.5	79.1	299	20.1
110	74.7	305	25.2	78.1	298	19.7
115	73.8	303	24.9	77.1	296	19.4
120	72.8	302	24.6	76.1	294	18.9
125	71.8	300	24.4	75.1	292	18.5
130	70.8	298	24.2	74.1	290	18.1
135	69.8	295	24.0	73.1	287	17.7
140	68.8	293	23.3	72.1	285	17.4
145	67.8	291	22.7	71.0	283	17.1
150	66.8	288	22.1	70.0	280	16.9
155	65.8	286	21.5	68.9	277	16.6
160	64.8	283	21.0	67.9	275	16.3
165	63.7	280	20.5	66.8	272	16.0
170	62.7	277	19.9	65.7	269	15.8
175	61.6	274	18.6	64.6	265	15.5
180	60.5	271	17.5	63.5	262	15.3
185	59.4	267	16.3	62.3	259	15.1
190	58.3	264	15.3	61.2	255	14.9
195	57.2	260	14.3	60.0	251	14.7
200	56.0	256	13.4	58.8	247	14.2
205	54.9	252	12.5	57.6	243	13.6
210	53.7	248	11.6	56.4	239	12.7
215	52.5	244	10.8	55.2	234	11.8
220	51.3	240	10.0	53.9	230	11.0
225	50.0	235	9.3	52.6	225	10.2
230	48.8	230	8.6	51.2	220	9.4
235	47.5	225	7.9	49.9	214	8.7
240	46.1	219	7.2	48.5	208	7.9
245	44.8	214	6.6	47.0	203	7.3
250	43.3	208	6.0	45.5	196	6.6
255	41.9	202	5.4	44.0	190	6.0
260	40.4	195	4.8	42.4	183	5.3
265	38.8	188	4.3	40.7	175	4.7
270	37.2	181	3.8	39.0	167	4.2
275	35.5	173	3.3	37.1	159	3.6
280	33.7	164	2.8	35.2	149	3.0
285	31.9	155	2.3	33.1	139	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 85 ft fixed jib</b>						
53	86.0	329	25.9			
55	85.8	328	25.9			
60	84.9	328	25.1			
65	84.0	327	24.4			
70	83.1	326	23.9			
75				86.0	316	20.0
75	82.2	325	23.4	86.0	316	19.0
80	81.3	324	22.9	85.2	315	18.8
85	80.4	323	22.5	84.3	314	18.4
90	79.5	321	22.1	83.4	313	18.1
95	78.6	320	21.8	82.4	311	17.8
100	77.7	318	21.5	81.5	310	17.4
105	76.8	317	21.2	80.5	308	17.0
110	75.8	315	20.9	79.6	307	16.6
115	74.9	313	20.6	78.6	305	16.3
120	74.0	312	20.3	77.6	303	16.0
125	73.0	310	20.0	76.7	301	15.7
130	72.1	308	19.8	75.7	299	15.4
135	71.1	306	19.6	74.7	297	15.1
140	70.1	303	19.4	73.7	295	14.9
145	69.2	301	19.1	72.7	292	14.6
150	68.2	299	18.9	71.7	290	14.4
155	67.2	296	18.6	70.7	287	14.2
160	66.2	294	18.4	69.7	284	14.0
165	65.2	291	18.2	68.6	282	13.8
170	64.2	288	17.9	67.6	279	13.5
175	63.2	285	17.7	66.5	276	13.3
180	62.1	282	17.6	65.4	272	13.1
185	61.1	279	16.8	64.3	269	12.9
190	60.0	275	15.8	63.2	266	12.8
195	58.9	272	14.7	62.1	262	12.6
200	57.8	268	13.8	61.0	258	12.5
205	56.7	264	12.9	59.8	254	12.3
210	55.6	261	12.0	58.7	250	12.0
215	54.5	256	11.2	57.5	246	11.6
220	53.3	252	10.4	56.3	241	11.3
225	52.1	248	9.7	55.0	237	10.7
230	50.9	243	9.0	53.8	232	10.0
235	49.7	238	8.3	52.5	227	9.2
240	48.4	233	7.6	51.1	221	8.5
245	47.2	228	7.0	49.8	216	7.8
250	45.8	222	6.4	48.4	210	7.1
255	44.5	217	5.8	47.0	204	6.5
260	43.1	210	5.2	45.5	197	5.9
265	41.7	204	4.7	43.9	190	5.3
270	40.2	197	4.1	42.3	183	4.7
275	38.6	190	3.6	40.7	175	4.1
280	37.0	183	3.1	38.9	167	3.5
285	35.4	175	2.6	37.1	158	3.0
290				35.1	149	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 258  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 36 ft fixed jib</b>						
33	86.0	303	51.4			
35	85.7	303	51.4			
40	84.7	303	50.8			
43				86.0	299	43.7
45	83.7	302	50.4	85.6	299	43.6
50	82.8	301	50.1	84.6	298	43.3
55	81.8	301	49.4	83.6	297	43.0
60	80.8	300	48.6	82.7	296	42.8
65	79.8	299	47.9	81.7	295	42.4
70	78.8	298	47.3	80.7	294	42.0
75	77.9	296	46.7	79.7	293	41.7
80	76.9	295	45.8	78.7	292	41.4
85	75.9	294	43.5	77.7	291	41.2
90	74.9	292	41.5	76.6	289	40.2
95	73.9	291	39.6	75.6	288	38.6
100	72.8	289	37.9	74.6	286	37.1
105	71.8	288	36.4	73.6	284	35.8
110	70.8	286	35.0	72.5	282	34.6
115	69.8	284	33.9	71.5	280	33.5
120	68.9	282	32.0	70.7	279	31.9
125	67.9	280	30.3	69.6	277	31.5
130	66.8	278	28.7	68.5	274	29.8
135	65.8	276	27.2	67.4	272	28.2
140	64.7	273	25.5	66.4	270	26.7
145	63.6	271	23.7	65.3	267	24.8
150	62.5	268	22.0	64.2	264	23.1
155	61.4	265	20.5	63.0	261	21.5
160	60.3	262	19.0	61.9	258	20.0
165	59.2	259	17.6	60.7	255	18.6
170	58.0	256	16.4	59.6	252	17.2
175	56.9	252	15.2	58.4	249	16.0
180	55.7	249	14.0	57.2	245	14.8
185	54.5	245	13.0	56.0	241	13.7
190	53.3	241	12.0	54.8	237	12.6
195	52.0	237	11.0	53.5	233	11.6
200	50.8	233	10.1	52.2	229	10.7
205	49.5	229	9.2	50.9	225	9.8
210	48.2	224	8.4	49.6	220	8.9
215	46.9	219	7.6	48.2	215	8.1
220	45.5	214	6.9	46.8	210	7.3
225	44.1	209	6.2	45.4	204	6.6
230	42.7	204	5.5	43.9	199	5.9
235	41.2	198	4.8	42.4	193	5.2
240	39.6	192	4.1	40.8	186	4.5
245	38.1	185	3.5	39.2	180	3.9
250	36.4	178	2.9	37.5	173	3.2
255	34.7	171	2.3	35.7	165	2.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 258  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 46 ft fixed jib</b>						
38	86.0	312	46.0			
40	85.5	312	45.8			
45	84.6	312	45.4			
50				86.0	307	38.9
50	83.7	311	45.0	85.9	307	38.9
55	82.7	310	44.7	85.0	306	39.0
60	81.8	309	44.2	84.0	305	39.0
65	80.8	308	43.6	83.1	304	39.0
70	79.9	307	43.0	82.1	303	38.9
75	78.9	306	42.5	81.1	302	38.7
80	77.9	305	42.1	80.1	300	38.4
85	77.0	304	41.5	79.2	299	38.2
90	76.0	302	39.7	78.2	298	38.0
95	75.0	301	38.0	77.2	296	37.9
100	74.1	299	36.5	76.2	295	36.5
105	73.1	298	35.1	75.2	293	35.1
110	72.1	296	33.9	74.2	291	33.8
115	71.3	294	31.5	73.4	290	30.2
120	70.3	292	31.3	72.4	288	29.8
125	69.3	290	30.5	71.3	286	29.5
130	68.3	288	28.8	70.3	283	29.2
135	67.2	286	27.3	69.3	281	28.4
140	66.2	284	25.8	68.2	279	26.9
145	65.2	281	24.4	67.2	276	25.5
150	64.1	279	22.7	66.1	274	24.1
155	63.1	276	21.2	65.0	271	22.5
160	62.0	273	19.7	63.9	268	20.9
165	60.9	270	18.3	62.8	265	19.5
170	59.8	267	17.0	61.7	262	18.1
175	58.7	264	15.8	60.6	259	16.8
180	57.6	260	14.7	59.4	255	15.6
185	56.4	257	13.6	58.2	252	14.5
190	55.3	253	12.6	57.1	248	13.4
195	54.1	249	11.6	55.9	244	12.4
200	52.9	245	10.7	54.6	240	11.4
205	51.7	241	9.8	53.4	236	10.5
210	50.5	237	9.0	52.1	231	9.7
215	49.2	232	8.2	50.8	227	8.8
220	47.9	228	7.4	49.5	222	8.0
225	46.6	223	6.7	48.2	217	7.3
230	45.2	218	6.0	46.8	211	6.5
235	43.9	212	5.3	45.3	206	5.8
240	42.4	206	4.6	43.9	200	5.1
245	41.0	200	4.0	42.4	193	4.4
250	39.5	194	3.3	40.8	187	3.8
255	37.9	187	2.7	39.2	180	3.1
260				37.5	172	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 56 ft fixed jib</b>			
56	86.0	314	35.3
60	85.3	313	34.8
65	84.4	312	33.9
70	83.4	311	33.1
75	82.7	311	27.3
80	81.7	309	27.3
85	80.8	308	27.2
90	79.8	307	27.2
95	78.9	305	27.1
100	77.9	304	27.1
105	76.9	302	27.0
110	76.0	300	26.9
115	75.0	299	26.9
120	74.0	297	26.8
125	73.0	295	26.8
130	72.0	293	26.7
135	71.0	290	26.7
140	70.0	288	26.6
145	69.0	286	25.6
150	67.9	283	24.3
155	66.9	280	23.0
160	65.8	278	21.9
165	64.8	275	20.4
170	63.7	272	19.1
175	62.6	269	17.8
180	61.5	265	16.5
185	60.4	262	15.4
190	59.2	258	14.3
195	58.1	255	13.2
200	56.9	251	12.3
205	55.7	247	11.3
210	54.5	242	10.4
215	53.3	238	9.6
220	52.0	233	8.8
225	50.7	228	8.0
230	49.4	223	7.2
235	48.1	218	6.5
240	46.7	213	5.8
245	45.3	207	5.1
250	43.8	201	4.5
255	42.3	194	3.8
260	40.8	187	3.2
265	39.1	180	2.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	64.0	68.8	114	47.4
70	62.0	114	63.3	66.1	111	45.1
75	59.3	110	61.1	63.2	107	43.1
80	56.4	107	57.6	60.3	104	41.5
85	53.5	103	54.5	57.3	100	40.0
90	50.4	98	51.7	54.1	95	38.5
95	47.2	94	49.5	50.7	90	37.3
100	43.8	88	47.4	47.1	84	36.3
105	40.1	82	45.5	43.2	77	35.6
110	36.0	75	43.0	38.9	70	34.9
115				33.9	60	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	42.3	63.3	112	32.5
90	55.4	111	40.2	60.5	108	32.2
95	52.6	107	38.3	57.6	103	31.0
100	49.6	102	36.7	54.5	98	29.9
105	46.5	97	35.3	51.2	93	29.0
110	43.2	91	34.1	47.8	87	28.2
115	40.4	86	32.9	44.0	80	27.7
120	36.6	78	32.7	39.8	72	27.2
125				35.0	62	26.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	29.5	54.2	101	22.4
115	46.5	101	28.8	51.0	95	21.8
120	43.4	95	27.8	47.6	88	21.2
125	40.0	88	26.8	43.9	81	20.9
130	36.2	80	25.9	39.7	72	20.6
135				34.9	61	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.9	43.8	81	16.4
140	35.9	82	20.3	39.6	72	16.2
145				34.8	60	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	69.0	74.2	138	52.4
65	68.4	138	66.4	72.0	135	50.1
70	66.2	136	64.3	69.8	133	48.1
75	63.9	133	63.4	67.5	130	46.0
80	61.6	131	62.7	65.1	127	44.2
85	59.3	127	60.7	62.7	124	42.6
90	56.9	124	56.5	60.2	121	41.3
95	54.4	120	52.3	57.6	117	40.0
100	51.8	116	48.5	54.9	112	38.8
105	49.1	111	45.2	52.1	108	37.7
110	46.3	106	42.1	49.2	102	36.7
115	43.3	101	39.4	46.1	97	36.0
120	40.1	95	36.9	42.8	90	35.4
125	36.7	88	34.6	39.1	83	34.8
130	33.8	81	32.6	36.0	76	32.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	51.1	71.3	140	35.1
80	64.9	141	48.4	69.1	137	33.8
85	62.8	139	46.1	67.3	135	32.9
90	60.6	135	44.2	65.1	132	32.6
95	58.3	132	42.2	62.7	128	32.3
100	56.0	128	40.4	60.3	125	32.0
105	53.5	124	38.7	57.8	120	31.0
110	51.0	120	37.3	55.2	116	30.1
115	48.4	115	36.0	52.5	111	29.3
120	45.7	109	34.9	49.7	105	28.5
125	42.8	104	33.9	46.7	99	27.9
130	40.4	98	32.9	43.4	92	27.5
135	37.1	91	31.4	39.9	85	27.1
140	33.5	83	29.6	36.0	76	26.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	59.6	140	33.1	64.5	136	25.3
105	57.8	137	32.2	62.3	132	24.5
110	55.6	133	31.3	59.9	128	23.8
115	53.3	129	30.5	57.5	123	23.1
120	50.9	124	29.8	55.0	118	22.5
125	48.4	119	29.1	52.3	113	21.9
130	45.7	114	28.4	49.5	107	21.4
135	43.0	108	27.6	46.6	100	21.0
140	40.0	101	26.7	43.3	93	20.8
145	36.8	93	25.9	39.8	85	20.5
150	33.3	85	25.2	35.9	75	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	25.3	59.5	131	18.4
125	52.5	133	24.3	57.2	126	17.9
130	50.2	128	23.5	54.7	121	17.5
135	47.8	122	22.8	52.1	115	17.1
140	45.2	117	22.1	49.4	109	16.7
145	42.5	110	21.4	46.4	102	16.4
150	39.6	103	20.8	43.2	94	16.3
155	36.5	95	20.2	39.7	85	16.1
160	33.1	86	19.6	35.8	74	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	18.2	51.9	117	14.0
150	44.7	119	17.7	49.2	110	13.8
155	42.1	113	17.3	46.3	103	13.6
160	39.3	105	16.8	43.1	94	13.5
165	36.2	97	16.4	39.7	85	13.4
170	32.8	87	16.0	35.7	74	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.3	46.1	104	11.3
170	38.9	107	14.0	43.0	95	11.3
175	35.9	99	13.7	39.6	85	11.2
180	32.6	89	13.4	35.6	73	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	69.0	76.2	158	54.7
65	71.0	159	69.0	74.3	156	52.2
70	69.1	157	67.2	72.3	154	50.1
75	67.2	154	64.5	70.4	151	48.5
80	65.2	152	63.6	68.3	149	46.5
85	63.2	149	60.6	66.3	146	44.8
90	61.2	146	55.8	64.2	143	43.3
95	59.1	143	51.6	62.1	140	42.1
100	57.0	140	47.8	59.9	136	41.0
105	54.8	136	44.5	57.6	132	39.8
110	52.5	132	41.5	55.3	128	38.8
115	50.2	128	38.7	52.9	124	37.8
120	47.7	123	36.2	50.4	119	36.9
125	45.2	118	34.0	47.7	113	34.5
130	43.1	113	32.0	45.6	109	32.5
135	40.3	107	30.1	42.6	102	30.5
140	37.3	100	28.3	39.5	95	28.6
145	34.1	93	26.6	36.1	87	26.9
150				32.3	78	25.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	57.1	75.4	163	37.8
75	69.7	165	54.8	73.5	161	36.3
80	67.9	162	52.0	71.7	158	35.2
85	66.0	160	49.4	69.7	156	34.1
90	64.1	157	47.2	68.2	154	32.9
95	62.2	154	45.3	66.2	151	32.6
100	60.2	151	43.6	64.2	147	32.3
105	58.2	148	41.9	62.1	144	32.0
110	56.2	144	40.3	60.0	140	31.6
115	54.0	140	38.9	57.8	136	30.8
120	51.8	136	37.0	55.6	132	30.0
125	49.6	131	34.7	53.2	127	29.3
130	47.7	127	32.7	50.8	122	28.7
135	45.3	122	30.8	48.2	116	28.1
140	42.7	116	29.0	45.5	110	27.7
145	40.0	110	27.3	42.6	103	27.3
150	37.1	102	25.7	39.5	96	26.1
155	33.9	94	24.2	36.1	87	24.5
160				32.2	77	23.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	38.2	71.4	163	28.4
95	65.0	165	36.6	69.6	161	27.5
100	63.1	162	35.1	67.7	158	26.5
105	61.3	159	33.9	65.7	154	25.7
110	59.8	157	33.0	63.8	151	24.9
115	57.8	153	32.1	61.7	147	24.3
120	55.8	149	31.3	59.7	143	23.7
125	53.8	145	30.6	57.5	139	23.1
130	51.7	141	29.9	55.3	134	22.5
135	49.5	136	29.3	53.0	129	22.0
140	47.2	131	28.7	50.6	124	21.5
145	44.8	125	28.0	48.1	118	21.1
150	42.3	119	26.4	45.4	111	20.9
155	39.6	112	24.9	42.5	104	20.7
160	36.8	104	23.5	39.4	96	20.4
165	33.7	96	22.2	36.0	86	20.2
170				32.1	75	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	28.8	67.1	162	20.4
115	60.8	165	28.2	65.3	158	19.7
120	58.9	161	27.2	63.3	154	19.2
125	57.0	157	26.2	61.4	150	18.7
130	55.1	153	25.3	59.3	146	18.3
135	53.1	149	24.4	57.2	142	17.9
140	51.0	144	23.7	55.1	137	17.5
145	48.9	139	23.0	52.8	131	17.1
150	46.7	134	22.4	50.4	125	16.8
155	44.4	128	21.8	47.9	119	16.5
160	41.9	121	21.3	45.3	112	16.3
165	39.3	114	20.7	42.4	104	16.2
170	36.5	106	20.2	39.3	96	16.1
175	33.5	98	19.7	35.9	86	15.9
180				32.0	74	15.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.5	62.9	158	15.5
135	56.3	161	20.8	61.0	154	15.2
140	54.4	157	20.1	59.0	149	14.9
145	52.5	153	19.5	57.0	144	14.6
150	50.5	148	18.9	54.8	139	14.3
155	48.4	142	18.4	52.6	133	14.0
160	46.2	137	17.9	50.3	127	13.8
165	43.9	130	17.5	47.8	120	13.6
170	41.5	124	17.1	45.2	113	13.5
175	39.0	116	16.7	42.4	105	13.4
180	36.3	108	16.3	39.3	96	13.3
185	33.3	99	15.9	35.8	85	13.2
190				31.8	72	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.9	56.7	147	12.2
160	49.9	151	15.5	54.6	141	11.9
165	47.9	145	15.1	52.4	135	11.7
170	45.7	139	14.8	50.1	129	11.5
175	43.5	133	14.5	47.7	122	11.4
180	41.2	126	14.2	45.1	114	11.3
185	38.7	118	14.0	42.3	105	11.2
190	36.0	110	13.7	39.2	96	11.2
195	33.1	100	13.4	35.7	84	11.1
200				31.6	71	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	68.8	77.8	178	56.8
65	73.2	180	68.8	76.1	177	54.3
70	71.5	178	68.9	74.4	175	52.1
75	69.8	176	68.2	72.7	173	50.2
80	68.1	174	64.8	70.9	171	48.7
85	66.4	171	59.6	69.2	168	47.1
90	64.6	169	54.9	67.4	166	45.5
95	62.8	166	50.6	65.5	163	44.1
100	61.0	163	46.9	63.7	160	42.8
105	59.1	160	43.5	61.8	157	41.7
110	57.2	157	40.5	59.8	153	40.8
115	55.3	153	37.8	57.8	149	38.7
120	53.3	149	35.3	55.8	145	36.1
125	51.7	146	33.2	53.7	141	33.7
130	49.6	142	31.1	52.0	138	31.7
135	47.4	137	29.1	49.7	133	29.7
140	45.2	132	27.3	47.4	127	27.9
145	42.8	126	25.7	44.9	121	26.2
150	40.3	120	24.1	42.4	115	24.5
155	37.7	113	22.7	39.6	108	23.0
160	34.9	106	21.3	36.7	100	21.6
165	31.9	98	20.1	33.4	91	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	61.6	78.6	186	40.4
70	73.5	188	59.1	77.0	184	39.0
75	71.9	186	57.1	75.4	182	37.6
80	70.3	184	55.4	73.7	180	36.3
85	68.7	182	52.8	72.1	178	35.2
90	67.0	179	50.4	70.4	175	34.4
95	65.4	177	48.3	68.6	173	33.4
100	63.7	174	46.4	67.3	170	32.7
105	61.9	171	44.3	65.5	167	32.4
110	60.2	168	41.3	63.7	164	32.1
115	58.4	165	38.5	61.8	161	31.9
120	56.5	161	36.0	59.9	157	31.6
125	54.6	157	33.7	58.0	153	30.8
130	53.1	154	31.8	56.0	149	30.1
135	51.1	150	29.8	54.0	144	29.4
140	49.1	145	28.0	51.8	140	28.8
145	47.0	140	26.4	49.6	134	27.0
150	44.8	135	24.8	47.3	129	25.4
155	42.5	129	23.3	44.9	123	23.9
160	40.0	122	22.0	42.3	116	22.4
165	37.5	115	20.7	39.6	108	21.1
170	34.7	108	19.5	36.6	100	19.8
175	31.7	99	18.3	33.4	91	18.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	42.2	75.0	187	30.3
90	69.2	190	40.5	73.4	185	29.3
95	67.6	188	38.8	71.8	183	28.4
100	66.0	185	37.3	70.2	180	27.7
105	64.4	182	35.9	68.5	177	26.8
110	62.8	179	34.7	66.8	174	26.1
115	61.1	176	33.7	65.1	171	25.4
120	59.7	174	33.0	63.3	168	24.7
125	58.0	170	32.2	61.5	164	24.2
130	56.2	166	31.5	59.6	160	23.7
135	54.4	162	30.5	57.7	156	23.1
140	52.5	158	28.7	55.8	152	22.6
145	50.6	153	27.0	53.8	147	22.2
150	48.6	148	25.5	51.7	142	21.7
155	46.5	143	24.0	49.5	136	21.3
160	44.4	138	22.6	47.2	130	21.0
165	42.1	131	21.4	44.8	124	20.8
170	39.7	125	20.1	42.3	116	20.6
175	37.2	117	19.0	39.5	108	19.4
180	34.5	109	17.9	36.6	100	18.2
185	31.6	100	16.9	33.3	90	17.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.9	72.8	190	22.5
105	67.0	194	31.0	71.3	187	21.9
110	65.4	191	30.1	69.7	184	21.3
115	63.9	188	29.3	68.0	181	20.6
120	62.3	185	28.5	66.4	178	20.0
125	60.6	182	27.9	64.7	175	19.5
130	59.0	178	27.1	62.9	171	19.0
135	57.3	174	26.2	61.2	167	18.6
140	55.5	170	25.4	59.3	163	18.2
145	53.8	166	24.6	57.5	159	17.8
150	51.9	162	23.9	55.6	154	17.5
155	50.0	157	23.2	53.6	149	17.2
160	48.1	152	22.6	51.5	144	16.9
165	46.1	146	21.9	49.4	138	16.6
170	44.0	140	20.7	47.1	131	16.4
175	41.8	134	19.5	44.7	124	16.2
180	39.4	127	18.4	42.2	117	16.1
185	36.9	119	17.4	39.5	109	16.0
190	34.3	111	16.4	36.5	99	15.9
195	31.4	102	15.5	33.2	88	15.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.8	69.1	189	16.9
125	63.0	193	23.2	67.6	185	16.4
130	61.5	190	22.7	65.9	182	16.0
135	59.9	186	22.2	64.3	178	15.7
140	58.3	183	21.5	62.6	175	15.3
145	56.6	179	20.8	60.8	170	15.1
150	54.9	174	20.2	59.1	166	14.8
155	53.2	170	19.6	57.2	161	14.5
160	51.4	165	19.1	55.3	156	14.3
165	49.5	160	18.6	53.4	151	14.1
170	47.6	155	18.1	51.3	145	13.8
175	45.6	149	17.7	49.2	139	13.7
180	43.6	143	17.4	47.0	133	13.5
185	41.4	136	17.0	44.6	125	13.4
190	39.1	129	16.7	42.1	117	13.3
195	36.7	121	16.0	39.4	109	13.3
200	34.1	113	15.1	36.4	99	13.2
205	31.2	103	14.3	33.1	87	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.5	65.5	186	13.3
145	59.2	191	17.9	63.9	182	13.1
150	57.6	187	17.4	62.2	178	12.8
155	56.0	183	16.9	60.5	173	12.6
160	54.3	178	16.5	58.8	169	12.4
165	52.6	174	16.0	57.0	164	12.2
170	50.9	169	15.7	55.1	159	12.0
175	49.1	164	15.3	53.2	153	11.8
180	47.2	158	15.0	51.2	147	11.6
185	45.2	152	14.7	49.1	141	11.4
190	43.2	146	14.4	46.9	134	11.3
195	41.1	139	14.2	44.5	126	11.2
200	38.8	131	13.9	42.0	118	11.2
205	36.5	123	13.7	39.3	109	11.1
210	33.9	114	13.5	36.3	98	11.1
215	31.1	104	13.1	33.0	86	11.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	68.7	79.0	198	57.4
65	74.8	199	68.8	77.5	196	55.6
70	73.3	198	68.8	75.9	195	53.5
75	71.8	196	68.9	74.4	193	51.6
80	70.3	194	64.4	72.8	191	50.0
85	68.7	192	58.9	71.3	189	48.7
90	67.2	190	54.1	69.7	186	47.4
95	65.6	187	49.9	68.1	184	45.9
100	64.0	185	46.1	66.4	181	44.6
105	62.3	182	42.7	64.8	179	43.4
110	60.7	179	39.7	63.1	176	40.8
115	59.0	176	37.0	61.4	172	38.0
120	57.3	173	34.5	59.6	169	35.4
125	55.9	170	32.4	57.8	165	33.1
130	54.1	166	30.3	56.4	162	31.1
135	52.3	162	28.4	54.5	158	29.1
140	50.4	158	26.6	52.6	154	27.2
145	48.5	153	24.9	50.6	149	25.5
150	46.5	148	23.4	48.5	144	23.9
155	44.4	143	21.9	46.4	138	22.4
160	42.2	137	20.6	44.1	133	21.0
165	40.0	131	19.3	41.8	126	19.7
170	37.6	124	18.2	39.3	119	18.5
175	35.1	117	17.0	36.7	111	17.3
180	32.4	109	16.0	33.8	103	16.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.7	81.1	206	42.6
65	76.5	209	64.2	79.7	205	41.1
70	75.1	208	61.5	78.2	203	39.9
75	73.6	206	59.1	76.8	202	38.6
80	72.2	204	57.1	75.3	200	37.3
85	70.7	202	55.4	73.8	198	36.2
90	69.2	200	53.3	72.3	196	35.2
95	67.7	198	50.8	70.8	193	34.4
100	66.2	195	47.0	69.2	191	33.6
105	64.7	193	43.6	68.0	189	32.8
110	63.1	190	40.5	66.4	186	32.5
115	61.5	187	37.8	64.8	183	32.2
120	59.9	184	35.2	63.1	180	32.0
125	58.6	181	33.1	61.4	176	31.7
130	57.0	178	31.0	59.7	173	31.4
135	55.3	174	29.0	58.0	169	30.0
140	53.5	170	27.2	56.2	165	28.1
145	51.8	166	25.6	54.3	161	26.4
150	49.9	161	24.0	52.4	156	24.8
155	48.0	157	22.6	50.5	151	23.2
160	46.1	151	21.2	48.4	145	21.8
165	44.0	146	20.0	46.3	140	20.5
170	41.9	140	18.8	44.1	133	19.2
175	39.7	133	17.6	41.8	127	18.0
180	37.4	127	16.6	39.3	119	16.9
185	34.9	119	15.5	36.6	111	15.8
190	32.2	110	14.6	33.7	102	14.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	44.1	77.9	209	32.2
85	72.5	212	43.0	76.4	207	31.2
90	71.1	210	42.0	75.0	205	30.1
95	69.7	208	40.8	73.5	203	29.2
100	68.3	206	39.2	72.1	201	28.4
105	66.8	203	37.8	70.6	198	27.8
110	65.3	201	36.5	69.1	196	27.0
115	63.8	198	35.3	67.5	193	26.2
120	62.3	195	34.2	66.0	190	25.6
125	60.8	192	33.3	64.4	187	24.9
130	59.6	189	31.7	62.8	183	24.4
135	58.0	186	29.8	61.1	180	23.9
140	56.3	182	27.9	59.5	176	23.4
145	54.7	178	26.3	57.7	172	23.0
150	53.0	174	24.7	56.0	167	22.5
155	51.2	170	23.2	54.2	163	22.1
160	49.4	165	21.9	52.3	158	21.7
165	47.6	160	20.6	50.3	153	21.3
170	45.7	154	19.4	48.3	147	20.0
175	43.7	149	18.3	46.2	141	18.8
180	41.6	142	17.2	44.0	134	17.7
185	39.4	136	16.2	41.7	127	16.6
190	37.2	129	15.2	39.2	119	15.6
195	34.7	121	14.3	36.6	111	14.6
200	32.1	112	13.4	33.7	101	13.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.7	75.8	213	23.8
100	70.4	217	33.1	74.4	210	23.1
105	69.0	214	32.1	73.0	208	22.4
110	67.6	212	31.2	71.5	206	21.9
115	66.2	209	30.3	70.1	203	21.4
120	64.8	207	29.5	68.6	200	20.8
125	63.4	204	28.8	67.1	197	20.2
130	61.9	201	28.2	65.6	194	19.7
135	60.4	197	27.7	64.0	190	19.3
140	58.9	194	26.9	62.5	187	18.9
145	57.3	190	26.1	60.8	183	18.5
150	55.7	186	25.2	59.2	179	18.2
155	54.1	182	23.8	57.5	175	17.8
160	52.4	178	22.4	55.8	170	17.5
165	50.7	173	21.1	54.0	165	17.2
170	49.0	168	19.9	52.1	160	16.9
175	47.2	163	18.8	50.2	154	16.7
180	45.3	157	17.7	48.2	148	16.4
185	43.4	151	16.7	46.1	142	16.3
190	41.3	145	15.7	44.0	135	16.2
195	39.2	138	14.8	41.7	128	15.2
200	36.9	131	13.9	39.2	119	14.3
205	34.5	122	13.0	36.5	110	13.4
210	31.9	113	12.2	33.6	100	12.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	25.1	72.5	213	17.8
120	66.8	217	24.5	71.0	210	17.4
125	65.4	215	23.9	69.6	207	17.0
130	64.0	212	23.4	68.2	204	16.6
135	62.6	209	22.9	66.7	201	16.2
140	61.2	205	22.5	65.2	197	15.8
145	59.7	202	22.0	63.7	194	15.5
150	58.2	198	21.3	62.1	190	15.2
155	56.7	194	20.7	60.6	186	15.0
160	55.1	190	20.2	58.9	182	14.7
165	53.6	186	19.6	57.3	177	14.5
170	51.9	181	19.1	55.6	172	14.2
175	50.3	177	18.7	53.8	167	14.0
180	48.5	172	18.2	52.0	162	13.8
185	46.8	166	17.2	50.1	156	13.6
190	44.9	160	16.2	48.1	150	13.4
195	43.0	154	15.3	46.1	143	13.3
200	41.0	147	14.4	43.9	136	13.3
205	38.9	140	13.6	41.6	128	13.2
210	36.7	132	12.8	39.1	119	13.2
215	34.3	124	12.0	36.5	110	12.3
220	31.8	114	11.2	33.5	99	11.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	19.1	69.2	211	14.0
140	63.2	217	18.8	67.8	208	13.7
145	61.9	214	18.5	66.3	205	13.4
150	60.5	210	18.3	64.9	201	13.1
155	59.0	206	17.8	63.4	197	12.9
160	57.6	203	17.3	61.8	193	12.6
165	56.1	199	16.9	60.3	189	12.5
170	54.6	194	16.5	58.7	185	12.3
175	53.0	190	16.1	57.0	180	12.1
180	51.4	185	15.7	55.4	175	11.9
185	49.8	180	15.4	53.6	169	11.7
190	48.1	175	15.1	51.8	164	11.6
195	46.4	169	14.8	49.9	158	11.4
200	44.6	163	14.6	48.0	151	11.3
205	42.7	157	14.0	46.0	144	11.2
210	40.7	150	13.2	43.8	137	11.2
215	38.7	142	12.4	41.5	128	11.2
220	36.5	134	11.7	39.1	119	11.1
225	34.1	125	10.9	36.4	109	11.1
230	31.6	116	10.3	33.4	98	10.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	68.9	80.0	218	58.6
65	76.2	220	67.0	78.6	217	56.8
70	74.8	218	64.3	77.3	215	55.2
75	73.5	217	63.4	75.9	214	53.3
80	72.1	215	62.6	74.5	212	51.6
85	70.7	213	58.0	73.1	210	50.1
90	69.3	211	53.1	71.7	208	48.8
95	67.9	209	48.9	70.2	206	47.7
100	66.5	207	45.1	68.8	203	46.4
105	65.0	204	41.8	67.3	201	43.1
110	63.6	202	38.7	65.8	198	40.0
115	62.1	199	36.0	64.3	195	37.1
120	60.6	196	33.5	62.8	192	34.6
125	59.4	194	31.4	61.5	190	32.4
130	57.8	190	29.3	59.9	187	30.2
135	56.2	187	27.4	58.3	183	28.2
140	54.6	183	25.6	56.7	179	26.4
145	53.0	179	23.9	55.0	175	24.7
150	51.3	175	22.4	53.3	171	23.1
155	49.6	171	21.0	51.5	167	21.6
160	47.8	166	19.6	49.7	162	20.2
165	45.9	161	18.4	47.8	157	18.9
170	44.0	156	17.2	45.8	151	17.6
175	42.1	150	16.1	43.8	145	16.5
180	40.0	144	15.0	41.7	139	15.4
185	37.9	137	14.0	39.4	132	14.3
190	35.6	130	13.1	37.0	124	13.3
195	33.2	122	12.2	34.5	116	12.4
200	30.6	114	11.3	31.8	107	11.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	66.3	81.9	227	43.5
65	77.7	230	65.6	80.6	225	41.9
70	76.4	228	64.1	79.3	224	40.5
75	75.1	227	61.5	78.0	222	39.5
80	73.8	225	59.2	76.6	221	38.3
85	72.4	223	57.2	75.3	219	37.1
90	71.1	221	54.1	73.9	217	36.1
95	69.8	219	49.8	72.6	215	35.2
100	68.4	217	46.0	71.2	213	34.5
105	67.0	215	42.6	69.8	210	33.8
110	65.6	212	39.6	68.7	208	33.0
115	64.2	210	36.8	67.2	206	32.7
120	62.8	207	34.3	65.8	203	32.4
125	61.7	205	32.1	64.3	200	32.1
130	60.2	202	30.0	62.8	197	31.2
135	58.7	198	28.1	61.3	193	29.2
140	57.2	195	26.3	59.7	190	27.3
145	55.7	191	24.6	58.1	186	25.5
150	54.1	187	23.0	56.5	182	23.9
155	52.5	183	21.6	54.8	178	22.4
160	50.8	179	20.2	53.1	173	21.0
165	49.1	174	19.0	51.4	169	19.7
170	47.4	169	17.8	49.6	163	18.4
175	45.6	164	16.7	47.7	158	17.2
180	43.7	159	15.6	45.8	152	16.1
185	41.8	153	14.6	43.7	146	15.1
190	39.8	146	13.6	41.6	139	14.0
195	37.7	139	12.7	39.4	132	13.1
200	35.4	132	11.9	37.0	124	12.2
205	33.0	124	11.0	34.5	116	11.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	44.6	78.9	230	32.2
85	74.0	233	43.5	77.6	228	32.0
90	72.7	231	42.6	76.3	226	30.9
95	71.5	230	41.8	75.0	225	30.0
100	70.2	227	41.1	73.7	222	29.2
105	68.9	225	39.6	72.4	220	28.5
110	67.5	223	38.3	71.0	218	27.8
115	66.2	220	37.0	69.6	215	27.2
120	64.8	218	35.1	68.2	213	26.5
125	63.8	216	32.9	66.8	210	25.8
130	62.4	213	30.8	65.4	207	25.2
135	61.0	210	28.8	64.0	204	24.7
140	59.5	206	27.0	62.5	200	24.2
145	58.1	203	25.3	61.0	197	23.8
150	56.6	199	23.7	59.5	193	23.4
155	55.1	195	22.3	57.9	189	22.9
160	53.6	191	20.9	56.3	185	21.8
165	52.0	187	19.6	54.7	180	20.5
170	50.4	182	18.4	53.0	175	19.2
175	48.7	178	17.3	51.3	170	18.0
180	47.0	173	16.2	49.5	165	16.9
185	45.2	167	15.2	47.6	159	15.8
190	43.4	161	14.3	45.7	153	14.8
195	41.5	155	13.3	43.7	147	13.8
200	39.5	149	12.5	41.6	140	12.9
205	37.4	141	11.6	39.4	132	12.0
210	35.2	134	10.9	37.0	124	11.2
215	32.9	125	10.1	34.4	115	10.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.0	240	34.3	77.0	234	24.4
100	71.8	238	33.5	75.8	232	23.7
105	70.8	236	32.7	74.5	230	23.0
110	69.5	234	32.1	73.2	227	22.4
115	68.3	231	31.3	71.9	225	21.9
120	67.0	229	30.5	70.5	222	21.5
125	65.7	226	29.8	69.2	220	21.0
130	64.4	224	29.1	67.8	217	20.4
135	63.0	221	28.5	66.5	214	19.9
140	61.7	218	27.6	65.1	210	19.5
145	60.3	214	25.9	63.6	207	19.1
150	58.9	211	24.3	62.2	204	18.7
155	57.5	207	22.8	60.7	200	18.4
160	56.0	203	21.4	59.2	196	18.1
165	54.6	199	20.2	57.7	192	17.8
170	53.1	195	18.9	56.1	187	17.5
175	51.5	191	17.8	54.5	183	17.2
180	49.9	186	16.7	52.8	178	17.0
185	48.3	181	15.7	51.1	172	16.5
190	46.6	176	14.7	49.4	167	15.5
195	44.9	170	13.8	47.5	161	14.5
200	43.1	164	13.0	45.6	154	13.5
205	41.2	158	12.1	43.6	148	12.6
210	39.3	151	11.3	41.5	140	11.8
215	37.2	144	10.6	39.3	132	11.0
220	35.1	136	9.8	36.9	124	10.2
225	32.8	127	9.1	34.4	114	9.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.2	75.2	237	18.7
115	69.9	242	25.8	74.0	234	18.2
120	68.7	240	25.1	72.7	232	17.8
125	67.5	237	24.5	71.4	229	17.4
130	66.2	234	24.0	70.1	227	17.1
135	64.9	232	23.4	68.8	224	16.7
140	63.6	229	23.0	67.5	221	16.3
145	62.3	226	22.5	66.1	218	16.0
150	61.0	222	22.2	64.7	214	15.7
155	59.7	219	21.7	63.3	211	15.4
160	58.3	215	21.2	61.9	207	15.1
165	56.9	212	20.6	60.5	203	14.9
170	55.5	208	19.5	59.0	199	14.7
175	54.1	203	18.3	57.5	194	14.5
180	52.6	199	17.3	55.9	190	14.3
185	51.1	194	16.2	54.3	185	14.1
190	49.5	189	15.3	52.7	180	13.9
195	47.9	184	14.3	51.0	174	13.7
200	46.3	179	13.5	49.2	168	13.6
205	44.6	173	12.6	47.4	162	13.3
210	42.8	167	11.8	45.5	156	12.5
215	41.0	160	11.1	43.6	148	11.6
220	39.0	153	10.3	41.5	141	10.8
225	37.0	145	9.6	39.2	132	10.1
230	34.9	137	9.0	36.9	123	9.3
235	32.6	128	8.3	34.3	113	8.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.8	72.2	237	14.6
135	66.7	242	19.5	71.0	234	14.4
140	65.5	240	19.2	69.7	231	14.1
145	64.2	237	18.9	68.4	228	13.8
150	63.0	234	18.6	67.1	225	13.5
155	61.7	230	18.3	65.8	221	13.3
160	60.4	227	18.1	64.4	218	13.0
165	59.1	223	17.7	63.0	214	12.8
170	57.7	220	17.3	61.6	210	12.6
175	56.4	216	16.9	60.2	206	12.5
180	55.0	212	16.5	58.7	202	12.3
185	53.6	207	16.1	57.3	197	12.1
190	52.1	203	15.7	55.7	192	11.9
195	50.6	198	14.8	54.2	187	11.8
200	49.1	193	13.9	52.5	182	11.6
205	47.5	187	13.0	50.9	176	11.5
210	45.9	182	12.2	49.1	170	11.4
215	44.2	176	11.5	47.3	163	11.3
220	42.5	169	10.7	45.5	157	11.2
225	40.7	162	10.0	43.5	149	10.6
230	38.8	155	9.4	41.4	141	9.9
235	36.8	147	8.7	39.2	132	9.1
240	34.7	139	8.1	36.8	123	8.4
245	32.4	130	7.5	34.2	112	7.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	68.9	80.8	237	56.5
65	77.3	239	68.9	79.6	236	55.9
70	76.1	238	63.5	78.3	235	55.3
75	74.8	236	60.9	77.0	233	54.5
80	73.6	235	58.6	75.8	232	52.8
85	72.3	233	56.6	74.5	230	51.4
90	71.0	231	52.3	73.2	228	50.1
95	69.7	229	48.1	71.9	226	48.9
100	68.4	227	44.3	70.6	224	45.9
105	67.1	225	40.9	69.2	222	42.4
110	65.8	223	37.9	67.9	219	39.3
115	64.5	220	35.2	66.5	217	36.4
120	63.4	218	32.8	65.2	214	33.8
125	62.0	215	30.6	64.1	212	31.7
130	60.7	212	28.5	62.7	209	29.5
135	59.2	209	26.5	61.2	206	27.5
140	57.8	206	24.7	59.8	202	25.6
145	56.4	203	23.1	58.3	199	23.9
150	54.9	199	21.5	56.8	195	22.3
155	53.4	195	20.1	55.2	191	20.8
160	51.8	191	18.8	53.6	187	19.4
165	50.2	187	17.5	52.0	183	18.1
170	48.6	182	16.3	50.4	178	16.9
175	47.0	177	15.2	48.7	173	15.8
180	45.3	172	14.2	46.9	168	14.7
185	43.5	167	13.2	45.1	162	13.6
190	41.7	161	12.3	43.2	156	12.7
195	39.8	155	11.4	41.2	150	11.7
200	37.8	148	10.5	39.2	143	10.8
205	35.7	141	9.7	37.0	136	10.0
210	33.5	133	8.9	34.7	128	9.2
215	31.1	125	8.2	32.2	119	8.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	60.5	81.4	245	42.4
70	77.4	248	60.6	80.2	243	41.1
75	76.2	246	58.2	78.9	242	39.9
80	75.0	245	55.9	77.7	240	39.0
85	73.8	243	53.9	76.5	239	38.0
90	72.6	241	52.0	75.2	237	36.9
95	71.4	239	49.1	74.0	235	36.0
100	70.1	237	45.2	72.7	233	35.2
105	68.9	235	41.8	71.4	231	34.5
110	67.6	233	38.8	70.2	229	33.9
115	66.3	231	36.0	68.8	226	33.1
120	65.0	228	33.4	67.8	224	32.7
125	64.0	226	31.3	66.5	221	32.4
130	62.7	223	29.2	65.1	219	30.5
135	61.4	220	27.2	63.8	216	28.5
140	60.0	217	25.4	62.4	212	26.6
145	58.6	214	23.8	61.0	209	24.8
150	57.2	211	22.2	59.5	206	23.2
155	55.8	207	20.8	58.1	202	21.7
160	54.4	203	19.4	56.6	198	20.3
165	52.9	199	18.1	55.1	194	19.0
170	51.4	195	16.9	53.5	189	17.7
175	49.8	190	15.8	51.9	185	16.5
180	48.2	186	14.8	50.3	180	15.4
185	46.6	181	13.8	48.6	175	14.4
190	44.9	175	12.8	46.9	169	13.4
195	43.2	170	11.9	45.1	163	12.4
200	41.4	164	11.1	43.2	157	11.5
205	39.5	157	10.3	41.2	150	10.6
210	37.6	151	9.5	39.2	143	9.8
215	35.5	143	8.7	37.0	135	9.0
220	33.4	135	8.0	34.7	127	8.3
225	31.0	126	7.3	32.2	117	7.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	44.1	79.8	249	32.3
85	75.2	253	43.3	78.6	248	32.0
90	74.1	251	42.6	77.4	246	31.6
95	72.9	250	41.9	76.2	244	30.7
100	71.7	248	41.4	75.0	243	29.8
105	70.5	246	40.9	73.8	240	29.1
110	69.3	243	39.6	72.5	238	28.4
115	68.1	241	36.8	71.3	236	27.8
120	66.8	239	34.3	70.0	234	27.3
125	65.9	237	32.1	68.7	231	26.6
130	64.6	234	30.0	67.5	228	26.0
135	63.3	231	28.0	66.1	225	25.4
140	62.0	228	26.2	64.8	222	24.9
145	60.7	225	24.5	63.5	219	24.4
150	59.4	222	22.9	62.1	216	24.0
155	58.1	219	21.5	60.7	212	22.6
160	56.7	215	20.1	59.3	209	21.2
165	55.3	211	18.8	57.9	205	19.8
170	53.9	207	17.6	56.4	201	18.5
175	52.4	203	16.5	54.9	196	17.3
180	51.0	199	15.4	53.4	192	16.2
185	49.4	194	14.4	51.8	187	15.1
190	47.9	189	13.4	50.2	182	14.1
195	46.3	184	12.5	48.5	176	13.2
200	44.6	178	11.7	46.8	170	12.3
205	42.9	173	10.8	45.0	164	11.4
210	41.2	166	10.1	43.1	158	10.5
215	39.3	160	9.3	41.2	151	9.7
220	37.4	153	8.6	39.1	143	9.0
225	35.4	145	7.9	37.0	135	8.2
230	33.2	137	7.3	34.6	126	7.5
235	30.9	128	6.6	32.1	116	6.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.5	79.2	255	25.4
95	74.3	260	34.7	78.0	253	24.8
100	73.1	258	34.0	76.8	252	24.2
105	72.0	256	33.4	75.7	250	23.5
110	71.1	254	32.1	74.5	248	22.9
115	69.9	252	31.8	73.3	245	22.4
120	68.7	250	31.1	72.1	243	21.9
125	67.5	247	30.4	70.8	241	21.5
130	66.3	245	29.7	69.6	238	21.1
135	65.1	242	28.6	68.4	235	20.6
140	63.9	239	26.8	67.1	232	20.1
145	62.7	236	25.1	65.8	229	19.7
150	61.4	233	23.5	64.5	226	19.3
155	60.1	230	22.0	63.2	223	18.9
160	58.8	227	20.6	61.9	219	18.6
165	57.5	223	19.3	60.5	215	18.3
170	56.2	219	18.1	59.1	212	18.0
175	54.8	215	17.0	57.7	207	17.7
180	53.4	211	15.9	56.2	203	16.9
185	52.0	207	14.9	54.8	199	15.8
190	50.5	202	13.9	53.2	194	14.8
195	49.0	197	13.0	51.7	189	13.8
200	47.5	192	12.1	50.1	183	12.9
205	45.9	187	11.3	48.4	178	12.0
210	44.3	181	10.5	46.7	172	11.2
215	42.6	175	9.8	44.9	165	10.3
220	40.9	169	9.1	43.1	159	9.6
225	39.1	162	8.4	41.1	151	8.8
230	37.2	155	7.7	39.1	143	8.1
235	35.2	147	7.1	36.9	135	7.4
240	33.1	138	6.5	34.6	125	6.7
245	30.8	129	5.9	32.0	115	6.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.9	76.3	257	19.1
115	71.4	262	25.7	75.2	255	18.6
120	70.2	260	25.4	74.0	253	18.2
125	69.1	258	24.9	72.8	250	17.8
130	68.0	255	24.4	71.6	248	17.4
135	66.8	253	23.9	70.4	245	17.1
140	65.6	250	23.5	69.2	242	16.8
145	64.4	247	23.1	68.0	239	16.4
150	63.2	244	22.7	66.8	236	16.1
155	62.0	241	22.4	65.5	233	15.8
160	60.8	238	21.2	64.2	230	15.5
165	59.5	235	19.9	62.9	226	15.3
170	58.3	231	18.7	61.6	222	15.0
175	57.0	227	17.5	60.3	219	14.8
180	55.7	223	16.5	58.9	214	14.6
185	54.3	219	15.4	57.5	210	14.4
190	53.0	215	14.5	56.1	206	14.3
195	51.6	210	13.5	54.6	201	14.1
200	50.1	206	12.7	53.1	196	13.6
205	48.7	201	11.8	51.5	191	12.7
210	47.2	195	11.0	50.0	185	11.8
215	45.6	190	10.3	48.3	179	11.0
220	44.0	184	9.6	46.6	173	10.2
225	42.4	178	8.9	44.9	166	9.5
230	40.7	171	8.2	43.0	159	8.7
235	38.9	164	7.6	41.1	152	8.0
240	37.0	157	6.9	39.0	143	7.3
245	35.0	148	6.4	36.9	134	6.7
250	32.9	140	5.8	34.5	124	6.0
255	30.7	130	5.2	31.9	113	5.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.3	74.7	260	15.2
130	69.5	266	20.0	73.5	257	14.9
135	68.4	263	19.7	72.4	255	14.6
140	67.2	261	19.4	71.2	252	14.4
145	66.1	258	19.1	70.0	249	14.2
150	64.9	255	18.8	68.9	246	13.9
155	63.8	252	18.6	67.6	243	13.6
160	62.6	249	18.3	66.4	240	13.4
165	61.4	246	18.1	65.2	237	13.1
170	60.2	243	17.9	63.9	233	12.9
175	59.0	239	17.5	62.6	230	12.7
180	57.7	235	16.9	61.3	226	12.6
185	56.5	232	15.9	60.0	222	12.4
190	55.2	227	14.9	58.7	217	12.2
195	53.9	223	14.0	57.3	213	12.1
200	52.5	219	13.1	55.9	208	11.9
205	51.1	214	12.2	54.4	203	11.8
210	49.7	209	11.4	52.9	198	11.7
215	48.3	204	10.7	51.4	193	11.5
220	46.8	199	10.0	49.9	187	10.8
225	45.3	193	9.3	48.2	181	10.0
230	43.7	187	8.6	46.5	174	9.3
235	42.1	180	7.9	44.8	167	8.6
240	40.4	174	7.3	43.0	160	7.9
245	38.7	166	6.7	41.0	152	7.2
250	36.8	158	6.2	39.0	143	6.6
255	34.9	150	5.6	36.8	134	5.9
260	32.8	141	5.1	34.4	124	5.3
265	30.6	131	4.5	31.8	112	4.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>						
31	86.0	265	67.1			
35	85.0	265	66.8			
40	83.9	264	66.2			
40				86.0	261	53.9
45	82.8	263	65.8	85.0	260	53.7
50	81.7	263	61.7	83.8	259	53.5
55	80.6	262	61.3	82.7	258	53.3
60	79.4	261	61.0	81.5	257	52.9
65	78.3	259	60.7	80.4	256	52.6
70	77.2	258	60.1	79.2	255	52.3
75	76.0	257	57.2	78.1	254	52.1
80	74.9	255	54.6	76.9	252	51.3
85	73.7	254	52.2	75.7	251	49.5
90	72.5	252	50.1	74.5	249	47.8
95	71.4	250	47.1	73.4	247	46.3
100	70.2	249	43.4	72.2	245	45.0
105	69.0	246	40.0	70.9	243	41.6
110	67.8	244	36.9	69.7	241	38.4
115	66.6	242	34.2	68.5	239	35.6
120	65.6	240	31.9	67.5	237	32.3
125	64.4	238	29.6	66.3	234	30.8
130	63.1	235	27.5	65.0	232	28.6
135	61.8	232	25.5	63.7	229	26.6
140	60.6	229	23.7	62.4	226	24.7
145	59.3	226	22.1	61.1	223	23.0
150	57.9	223	20.5	59.7	219	21.4
155	56.6	220	19.1	58.4	216	19.9
160	55.2	216	17.7	57.0	212	18.5
165	53.9	212	16.5	55.6	208	17.2
170	52.4	208	15.3	54.1	204	16.0
175	51.0	204	14.2	52.7	200	14.8
180	49.5	200	13.2	51.2	196	13.8
185	48.0	195	12.2	49.6	191	12.7
190	46.5	190	11.2	48.0	186	11.7
195	44.9	185	10.4	46.4	181	10.8
200	43.2	180	9.5	44.7	175	9.9
205	41.6	174	8.7	43.0	169	9.1
210	39.8	168	7.9	41.2	163	8.3
215	38.0	161	7.2	39.3	156	7.5
220	36.1	154	6.5	37.3	149	6.8
225	34.1	147	5.9	35.2	141	6.1
230	31.9	138	5.2	33.0	132	5.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 46 ft fixed jib</b>						
35	86.0	274	56.9			
35	86.0	274	56.9			
40	84.9	274	56.8			
45	83.8	273	56.5			
47				86.0	268	46.2
50	82.7	272	56.4	85.3	268	45.8
55	81.7	271	55.8	84.2	267	44.6
60	80.6	270	55.3	83.1	266	43.8
65	79.5	269	54.8	82.0	265	42.8
70	78.4	268	54.3	80.9	264	41.5
75	77.3	267	54.0	79.8	262	40.4
80	76.2	265	51.6	78.7	261	39.5
85	75.0	264	49.5	77.5	259	38.7
90	73.9	262	47.6	76.4	258	37.7
95	72.8	260	45.8	75.2	256	36.8
100	71.7	259	44.3	74.1	254	36.0
105	70.5	257	40.9	72.9	252	35.2
110	69.4	255	37.8	71.7	250	34.5
115	68.2	252	35.0	70.6	248	34.0
120	67.3	251	31.9	69.4	245	33.2
125	66.1	248	30.4	68.4	244	31.9
130	64.9	246	28.2	67.2	241	29.7
135	63.7	243	26.3	66.0	238	27.6
140	62.5	240	24.5	64.7	235	25.7
145	61.2	237	22.8	63.4	232	24.0
150	60.0	234	21.2	62.2	229	22.3
155	58.7	231	19.8	60.9	226	20.8
160	57.4	228	18.4	59.5	222	19.4
165	56.1	224	17.1	58.2	219	18.1
170	54.8	220	15.9	56.8	215	16.8
175	53.4	216	14.8	55.4	211	15.6
180	52.0	212	13.8	54.0	207	14.5
185	50.6	208	12.8	52.6	202	13.5
190	49.2	203	11.8	51.1	198	12.5
195	47.7	199	10.9	49.5	193	11.5
200	46.2	193	10.1	48.0	187	10.6
205	44.6	188	9.3	46.4	182	9.8
210	43.0	182	8.5	44.7	176	9.0
215	41.3	177	7.7	42.9	170	8.2
220	39.6	170	7.0	41.1	163	7.4
225	37.8	163	6.4	39.3	156	6.7
230	35.9	156	5.7	37.3	148	6.0
235	33.9	148	5.1	35.2	140	5.3
240	31.8	140	4.5	33.0	131	4.7
245				30.5	121	4.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 56 ft fixed jib</b>						
39	86.0	283	50.4			
40	85.8	283	50.3			
45	84.8	282	49.7			
50	83.7	282	49.2			
54				86.0	276	36.0
55	82.7	281	48.8	85.7	275	35.8
60	81.6	280	47.5	84.6	274	34.6
65	80.6	279	46.1	83.6	273	33.7
70	79.5	278	45.0	82.7	272	33.4
75	78.4	276	44.0	81.6	271	32.9
80	77.4	275	43.2	80.5	270	32.5
85	76.3	274	42.4	79.5	268	32.1
90	75.2	272	41.7	78.3	267	31.7
95	74.1	270	41.0	77.2	265	31.4
100	73.0	269	40.4	76.1	263	30.5
105	71.9	267	39.9	75.0	262	29.7
110	70.8	265	38.7	73.9	260	29.0
115	69.7	263	35.9	72.7	257	28.4
120	68.6	260	33.3	71.6	255	27.9
125	67.7	259	31.2	70.4	253	27.4
130	66.6	256	29.0	69.2	250	26.8
135	65.4	254	27.0	68.1	248	26.2
140	64.2	251	25.2	66.9	245	25.7
145	63.0	248	23.5	65.6	242	25.0
150	61.9	245	21.9	64.4	239	23.3
155	60.6	242	20.5	63.2	236	21.8
160	59.4	239	19.1	61.9	233	20.3
165	58.2	236	17.8	60.6	229	19.0
170	56.9	232	16.6	59.3	226	17.7
175	55.6	228	15.5	58.0	222	16.5
180	54.3	224	14.4	56.7	218	15.4
185	53.0	220	13.4	55.3	213	14.3
190	51.6	216	12.4	53.9	209	13.3
195	50.2	212	11.5	52.4	204	12.3
200	48.8	207	10.7	51.0	199	11.4
205	47.3	202	9.9	49.4	194	10.5
210	45.9	197	9.1	47.9	189	9.7
215	44.3	191	8.3	46.3	183	8.9
220	42.7	185	7.6	44.6	177	8.1
225	41.1	179	6.9	42.9	170	7.4
230	39.4	173	6.3	41.1	164	6.7
235	37.6	166	5.7	39.2	156	6.0
240	35.8	158	5.1	37.3	148	5.4
245	33.8	150	4.5	35.2	140	4.7
250	31.7	141	3.9	32.9	130	4.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 66 ft fixed jib</b>						
43	86.0	292	44.5			
45	85.6	292	44.3			
50	84.6	291	42.8			
55	83.6	290	41.6			
60	82.6	289	40.6			
60				86.0	283	30.0
65	81.6	288	39.5	85.2	282	29.6
70	80.6	287	38.5	84.2	281	28.7
75	79.5	286	37.6	83.1	280	27.9
80	78.5	285	36.9	82.1	279	27.2
85	77.5	283	36.3	81.0	277	26.4
90	76.4	282	35.5	80.0	276	25.7
95	75.4	280	34.8	78.9	274	25.1
100	74.3	279	34.2	77.8	272	24.6
105	73.3	277	33.6	76.7	271	24.0
110	72.2	275	33.1	75.6	269	23.4
115	71.4	273	31.5	74.5	267	22.9
120	70.3	271	31.3	73.4	264	22.4
125	69.2	269	30.5	72.3	262	21.9
130	68.1	267	29.6	71.2	260	21.5
135	67.0	264	27.7	70.0	257	21.2
140	65.9	262	25.8	68.9	255	20.7
145	64.7	259	24.1	67.7	252	20.3
150	63.6	256	22.5	66.5	249	19.9
155	62.4	253	21.1	65.4	246	19.5
160	61.3	250	19.7	64.1	243	19.1
165	60.1	247	18.4	62.9	240	18.8
170	58.9	244	17.2	61.7	236	18.5
175	57.6	240	16.0	60.4	232	17.2
180	56.4	236	14.9	59.1	229	16.1
185	55.1	232	13.9	57.8	225	15.0
190	53.9	228	12.9	56.5	220	14.0
195	52.6	224	12.0	55.1	216	13.0
200	51.2	220	11.2	53.7	211	12.1
205	49.9	215	10.3	52.3	206	11.2
210	48.5	210	9.5	50.9	201	10.3
215	47.0	205	8.8	49.4	196	9.5
220	45.6	200	8.1	47.8	190	8.7
225	44.0	194	7.4	46.2	184	8.0
230	42.5	188	6.7	44.6	178	7.3
235	40.9	182	6.1	42.9	171	6.6
240	39.2	175	5.5	41.1	164	5.9
245	37.4	168	4.9	39.2	156	5.3
250	35.6	160	4.4	37.2	148	4.7
255	33.7	152	3.8	35.1	139	4.1
260	31.6	143	3.3	32.8	129	3.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 76 ft fixed jib</b>						
47	86.0	301	35.2			
50	85.5	301	34.7			
55	84.5	300	33.6			
60	83.8	299	30.9			
65	82.8	298	30.2			
67				86.0	290	24.2
70	81.8	297	29.5	85.6	290	24.0
75	80.8	296	28.8	84.6	289	23.2
80	79.8	295	28.2	83.5	287	22.6
85	78.8	293	27.7	82.5	286	22.2
90	77.8	292	27.2	81.5	285	21.5
95	76.8	291	26.8	80.5	283	20.9
100	75.8	289	26.4	79.4	281	20.3
105	74.7	287	26.1	78.4	280	19.9
110	73.7	285	25.8	77.3	278	19.5
115	72.7	284	25.5	76.2	276	19.0
120	71.6	281	25.2	75.2	274	18.5
125	70.6	279	25.0	74.1	272	18.1
130	69.5	277	24.7	73.0	269	17.7
135	68.5	275	24.2	71.9	267	17.4
140	67.4	272	23.8	70.8	264	17.1
145	66.3	270	23.4	69.7	262	16.8
150	65.2	267	23.1	68.5	259	16.5
155	64.1	264	21.7	67.4	256	16.2
160	63.0	261	20.3	66.2	253	15.9
165	61.8	258	19.0	65.1	250	15.7
170	60.7	255	17.7	63.9	246	15.5
175	59.5	252	16.6	62.7	243	15.2
180	58.3	248	15.5	61.4	239	15.0
185	57.1	244	14.5	60.2	235	14.9
190	55.9	241	13.5	58.9	231	14.6
195	54.7	237	12.6	57.6	227	13.7
200	53.4	232	11.7	56.3	223	12.8
205	52.1	228	10.9	55.0	218	11.9
210	50.8	223	10.1	53.6	213	11.0
215	49.5	219	9.3	52.2	208	10.2
220	48.1	213	8.6	50.7	203	9.4
225	46.7	208	7.9	49.3	198	8.7
230	45.3	203	7.2	47.7	192	7.9
235	43.8	197	6.6	46.1	185	7.2
240	42.2	190	6.0	44.5	179	6.6
245	40.6	184	5.4	42.8	172	5.9
250	39.0	177	4.8	41.0	164	5.3
255	37.3	170	4.3	39.1	156	4.7
260	35.4	162	3.8	37.2	147	4.1
265	33.5	153	3.2	35.0	138	3.5
270	31.5	144	2.8	32.8	128	2.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 85 ft fixed jib</b>						
52	86.0	310	27.2			
55	85.6	310	26.8			
60	84.6	309	25.9			
65	83.7	308	25.1			
70	82.7	307	24.6			
74				86.0	298	19.7
75	81.7	306	24.0	85.9	298	19.7
80	80.8	305	23.4	84.9	296	19.1
85	79.8	303	23.0	83.9	295	18.5
90	78.9	302	22.6	82.9	294	18.1
95	77.9	300	22.2	81.9	292	17.7
100	76.9	299	21.9	80.9	291	17.2
105	75.9	297	21.5	79.9	289	16.8
110	74.9	295	21.2	78.9	287	16.4
115	73.9	294	20.9	77.9	285	16.1
120	72.9	292	20.6	76.8	283	15.8
125	71.9	290	20.3	75.8	281	15.5
130	70.9	288	20.1	74.7	279	15.1
135	69.9	285	19.9	73.7	276	14.9
140	68.8	283	19.5	72.6	274	14.6
145	67.8	280	19.2	71.5	271	14.4
150	66.7	278	19.0	70.4	269	14.2
155	65.7	275	18.7	69.3	266	13.9
160	64.6	272	18.4	68.2	263	13.7
165	63.5	269	18.2	67.1	260	13.5
170	62.4	266	18.0	65.9	257	13.2
175	61.3	263	17.1	64.8	253	13.0
180	60.2	260	16.0	63.6	250	12.8
185	59.0	256	14.9	62.4	246	12.7
190	57.8	252	13.9	61.2	242	12.5
195	56.7	249	13.0	60.0	238	12.4
200	55.5	245	12.1	58.7	234	12.2
205	54.3	240	11.3	57.5	230	12.1
210	53.0	236	10.5	56.2	225	11.6
215	51.7	232	9.7	54.8	221	10.8
220	50.5	227	9.0	53.5	216	10.0
225	49.1	222	8.3	52.1	210	9.2
230	47.8	217	7.6	50.6	205	8.5
235	46.4	211	7.0	49.2	199	7.8
240	45.0	205	6.4	47.6	193	7.1
245	43.5	199	5.8	46.1	186	6.5
250	42.0	193	5.2	44.4	180	5.8
255	40.4	186	4.7	42.7	172	5.2
260	38.8	179	4.1	41.0	165	4.6
265	37.1	171	3.6	39.1	156	4.0
270	35.3	163	3.1	37.1	147	3.5
275	33.4	155	2.6	35.0	137	2.9
280				32.7	126	2.4



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 36 ft fixed jib</b>						
32	86.0	284	56.3			
35	85.4	283	56.1			
40	84.3	283	55.8			
42				86.0	280	48.0
45	83.3	282	55.5	85.3	279	47.9
50	82.2	281	55.2	84.2	278	47.6
55	81.2	281	54.4	83.2	277	47.4
60	80.1	280	53.8	82.1	276	47.2
65	79.1	279	53.3	81.1	275	46.9
70	78.0	277	52.8	80.0	274	46.7
75	77.0	276	52.0	78.9	273	46.4
80	75.9	275	49.6	77.8	272	46.3
85	74.8	273	47.4	76.7	270	45.4
90	73.7	272	45.4	75.6	269	43.7
95	72.7	270	43.6	74.5	267	42.2
100	71.6	268	42.0	73.4	265	40.8
105	70.5	267	39.1	72.3	263	39.5
110	69.4	265	36.1	71.2	261	37.7
115	68.2	263	33.3	70.1	259	34.8
120	67.4	261	31.0	69.2	257	32.4
125	66.2	259	28.7	68.0	255	30.0
130	65.1	256	26.6	66.9	253	27.8
135	63.9	254	24.7	65.7	250	25.8
140	62.7	251	22.9	64.5	247	24.0
145	61.6	248	21.2	63.3	244	22.2
150	60.4	245	19.7	62.1	241	20.6
155	59.2	242	18.2	60.8	238	19.1
160	57.9	239	16.9	59.6	235	17.7
165	56.7	235	15.6	58.3	232	16.4
170	55.4	232	14.4	57.0	228	15.2
175	54.1	228	13.3	55.7	224	14.1
180	52.8	224	12.3	54.4	220	13.0
185	51.5	220	11.3	53.0	216	11.9
190	50.1	216	10.4	51.6	212	11.0
195	48.7	211	9.5	50.2	207	10.0
200	47.3	207	8.6	48.8	202	9.2
205	45.9	202	7.8	47.3	197	8.3
210	44.4	196	7.1	45.8	192	7.5
215	42.8	191	6.4	44.2	186	6.8
220	41.2	185	5.7	42.5	180	6.0
225	39.6	179	5.0	40.9	174	5.3
230	37.9	172	4.4	39.1	167	4.7
235	36.1	165	3.8	37.3	160	4.0
240	34.3	158	3.2	35.3	152	3.4
245	32.3	150	2.6	33.3	144	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 46 ft fixed jib</b>						
36	86.0	293	50.6			
40	85.2	292	50.4			
45	84.2	292	50.1			
48				86.0	287	42.2
50	83.2	291	49.9	85.7	287	42.2
55	82.2	290	49.6	84.6	286	41.9
60	81.2	289	48.9	83.6	285	41.6
65	80.2	288	48.4	82.6	284	41.4
70	79.1	287	47.9	81.5	283	40.7
75	78.1	286	47.5	80.5	282	40.0
80	77.1	285	47.0	79.4	280	39.3
85	76.1	283	45.0	78.4	279	38.8
90	75.0	282	43.2	77.3	277	38.4
95	74.0	280	41.6	76.3	276	37.5
100	72.9	278	40.1	75.2	274	36.7
105	71.9	277	38.8	74.1	272	35.9
110	70.8	275	37.0	73.0	270	35.2
115	69.7	273	34.2	71.9	268	34.6
120	68.9	271	31.8	70.8	266	33.4
125	67.8	269	29.5	70.0	264	31.2
130	66.7	267	27.4	68.8	262	29.0
135	65.6	264	25.4	67.7	259	26.9
140	64.4	262	23.6	66.6	257	25.0
145	63.3	259	21.9	65.4	254	23.2
150	62.2	256	20.4	64.2	251	21.6
155	61.0	253	18.9	63.0	248	20.1
160	59.8	250	17.5	61.9	245	18.6
165	58.6	247	16.3	60.6	242	17.3
170	57.4	243	15.1	59.4	238	16.1
175	56.2	240	13.9	58.2	235	14.9
180	55.0	236	12.9	56.9	231	13.8
185	53.7	232	11.9	55.6	227	12.7
190	52.4	228	10.9	54.3	223	11.7
195	51.1	224	10.1	52.9	218	10.8
200	49.8	220	9.2	51.6	214	9.9
205	48.4	215	8.4	50.1	209	9.0
210	47.0	210	7.6	48.7	204	8.2
215	45.6	205	6.9	47.2	199	7.4
220	44.1	199	6.2	45.7	193	6.7
225	42.6	194	5.5	44.1	187	6.0
230	41.0	188	4.9	42.5	181	5.3
235	39.4	181	4.3	40.8	174	4.6
240	37.7	175	3.7	39.1	167	4.0
245	36.0	167	3.1	37.2	160	3.4
250	34.1	160	2.5	35.3	151	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 56 ft fixed jib</b>						
40	86.0	302	45.8			
45	85.1	301	45.4			
50	84.1	300	44.9			
55				86.0	294	35.7
55	83.1	300	44.5	86.0	294	35.7
60	82.2	299	44.0	85.0	293	34.8
65	81.2	298	43.2	84.0	292	33.9
70	80.2	297	42.5	83.0	291	33.3
75	79.2	296	41.8	82.2	290	31.0
80	78.2	294	41.3	81.2	289	31.0
85	77.2	293	40.9	80.2	288	31.1
90	76.2	292	39.6	79.1	286	31.1
95	75.2	290	38.5	78.1	285	31.2
100	74.2	288	37.4	77.1	283	31.1
105	73.1	287	36.5	76.0	281	30.3
110	72.1	285	35.7	75.0	280	29.6
115	71.1	283	34.9	73.9	278	29.0
120	70.3	281	32.7	72.8	276	28.4
125	69.2	279	30.4	71.8	273	27.9
130	68.1	277	28.2	70.7	271	27.4
135	67.1	275	26.2	69.6	269	26.9
140	66.0	272	24.4	68.5	266	26.0
145	64.9	270	22.7	67.4	264	24.3
150	63.8	267	21.1	66.3	261	22.6
155	62.7	264	19.6	65.1	258	21.1
160	61.6	261	18.3	64.0	255	19.6
165	60.4	258	17.0	62.8	252	18.2
170	59.3	255	15.8	61.6	248	17.0
175	58.1	251	14.6	60.4	245	15.8
180	57.0	248	13.5	59.2	241	14.6
185	55.7	244	12.5	58.0	237	13.5
190	54.5	240	11.6	56.7	234	12.5
195	53.3	236	10.7	55.4	229	11.6
200	52.0	232	9.8	54.1	225	10.7
205	50.7	228	9.0	52.8	220	9.8
210	49.4	223	8.2	51.5	216	9.0
215	48.1	218	7.5	50.1	211	8.2
220	46.7	213	6.8	48.6	205	7.4
225	45.3	208	6.1	47.2	200	6.7
230	43.8	202	5.4	45.7	194	6.0
235	42.4	196	4.8	44.1	188	5.3
240	40.8	190	4.2	42.5	181	4.7
245	39.2	184	3.6	40.8	175	4.0
250	37.6	177	3.0	39.0	167	3.4
255	35.8	169	2.5	37.2	159	2.8
260				35.3	151	2.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 66 ft fixed jib</b>						
45	86.0	311	40.6			
45	85.9	311	40.5			
50	85.0	310	39.9			
55	84.0	309	39.3			
60	83.1	308	38.8			
62				86.0	302	25.9
65	82.1	307	38.2	85.5	301	26.1
70	81.2	306	37.3	84.6	300	26.3
75	80.2	305	36.5	83.6	299	26.5
80	79.2	304	35.8	82.6	298	26.8
85	78.3	303	35.2	81.6	297	26.3
90	77.3	301	34.7	80.6	295	25.7
95	76.3	300	34.2	79.6	294	25.2
100	75.3	298	33.7	78.6	292	24.8
105	74.4	297	33.3	77.6	290	24.4
110	73.6	295	31.2	76.6	289	23.9
115	72.6	293	30.9	75.6	287	23.3
120	71.6	291	30.6	74.5	285	22.8
125	70.6	289	30.3	73.5	283	22.3
130	69.5	287	28.9	72.5	280	21.9
135	68.5	285	26.9	71.4	278	21.5
140	67.5	283	25.0	70.3	276	21.2
145	66.4	280	23.3	69.3	273	20.8
150	65.4	278	21.7	68.2	270	20.4
155	64.3	275	20.2	67.1	268	20.0
160	63.2	272	18.8	66.0	265	19.6
165	62.1	269	17.5	64.9	262	19.1
170	61.0	266	16.3	63.7	258	17.7
175	59.9	263	15.2	62.6	255	16.5
180	58.8	259	14.1	61.4	252	15.4
185	57.6	256	13.1	60.2	248	14.3
190	56.5	252	12.1	59.0	244	13.2
195	55.3	248	11.2	57.8	240	12.3
200	54.1	244	10.3	56.6	236	11.3
205	52.9	240	9.5	55.3	232	10.4
210	51.6	236	8.7	54.0	227	9.6
215	50.4	231	8.0	52.7	223	8.8
220	49.1	227	7.2	51.3	218	8.0
225	47.8	222	6.6	50.0	212	7.3
230	46.4	216	5.9	48.6	207	6.6
235	45.0	211	5.2	47.1	201	5.9
240	43.6	205	4.6	45.6	195	5.2
245	42.1	199	4.0	44.0	189	4.6
250	40.6	193	3.4	42.4	182	4.0
255	39.0	186	2.8	40.8	175	3.4
260	37.4	179	2.3	39.0	167	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 76 ft fixed jib</b>						
49	86.0	320	33.7			
50	85.8	320	33.6			
55	85.0	319	29.9			
60	84.1	318	29.4			
65	83.2	317	29.0			
68				86.0	309	21.9
70	82.3	316	28.6	85.9	309	21.9
75	81.3	315	28.0	84.9	308	21.8
80	80.4	314	27.4	83.9	307	21.9
85	79.5	313	26.9	83.0	305	21.9
90	78.5	311	26.5	82.0	304	21.6
95	77.6	310	26.2	81.1	302	21.0
100	76.6	309	25.8	80.1	301	20.5
105	75.7	307	25.5	79.1	299	20.1
110	74.7	305	25.2	78.1	298	19.7
115	73.8	303	24.9	77.1	296	19.4
120	72.8	302	24.6	76.1	294	18.9
125	71.8	300	24.4	75.1	292	18.5
130	70.8	298	24.2	74.1	290	18.1
135	69.8	295	24.0	73.1	287	17.7
140	68.8	293	23.3	72.1	285	17.4
145	67.8	291	22.7	71.0	283	17.1
150	66.8	288	22.1	70.0	280	16.9
155	65.8	286	20.9	68.9	277	16.6
160	64.8	283	19.5	67.9	275	16.3
165	63.7	280	18.2	66.8	272	16.0
170	62.7	277	16.9	65.7	269	15.8
175	61.6	274	15.8	64.6	265	15.5
180	60.5	271	14.7	63.5	262	15.3
185	59.4	267	13.6	62.3	259	15.1
190	58.3	264	12.7	61.2	255	14.0
195	57.2	260	11.7	60.0	251	13.0
200	56.0	256	10.9	58.8	247	12.1
205	54.9	252	10.0	57.6	243	11.2
210	53.7	248	9.2	56.4	239	10.3
215	52.5	244	8.5	55.2	234	9.5
220	51.3	240	7.8	53.9	230	8.7
225	50.0	235	7.1	52.6	225	8.0
230	48.8	230	6.4	51.2	220	7.2
235	47.5	225	5.7	49.9	214	6.5
240	46.1	219	5.1	48.5	208	5.9
245	44.8	214	4.5	47.0	203	5.2
250	43.3	208	3.9	45.5	196	4.6
255	41.9	202	3.3	44.0	190	4.0
260	40.4	195	2.8	42.4	183	3.4
265	38.8	188	2.2	40.7	175	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 85 ft fixed jib</b>						
53	86.0	329	25.9			
55	85.8	328	25.9			
60	84.9	328	25.1			
65	84.0	327	24.4			
70	83.1	326	23.9			
75				86.0	316	20.0
75	82.2	325	23.4	86.0	316	19.0
80	81.3	324	22.9	85.2	315	18.8
85	80.4	323	22.5	84.3	314	18.4
90	79.5	321	22.1	83.4	313	18.1
95	78.6	320	21.8	82.4	311	17.8
100	77.7	318	21.5	81.5	310	17.4
105	76.8	317	21.2	80.5	308	17.0
110	75.8	315	20.9	79.6	307	16.6
115	74.9	313	20.6	78.6	305	16.3
120	74.0	312	20.3	77.6	303	16.0
125	73.0	310	20.0	76.7	301	15.7
130	72.1	308	19.8	75.7	299	15.4
135	71.1	306	19.6	74.7	297	15.1
140	70.1	303	19.4	73.7	295	14.9
145	69.2	301	19.1	72.7	292	14.6
150	68.2	299	18.9	71.7	290	14.4
155	67.2	296	18.6	70.7	287	14.2
160	66.2	294	18.4	69.7	284	14.0
165	65.2	291	18.2	68.6	282	13.8
170	64.2	288	17.4	67.6	279	13.5
175	63.2	285	16.3	66.5	276	13.3
180	62.1	282	15.1	65.4	272	13.1
185	61.1	279	14.1	64.3	269	12.9
190	60.0	275	13.1	63.2	266	12.8
195	58.9	272	12.2	62.1	262	12.6
200	57.8	268	11.3	61.0	258	12.5
205	56.7	264	10.5	59.8	254	11.8
210	55.6	261	9.7	58.7	250	10.9
215	54.5	256	8.9	57.5	246	10.1
220	53.3	252	8.2	56.3	241	9.3
225	52.1	248	7.4	55.0	237	8.5
230	50.9	243	6.7	53.8	232	7.8
235	49.7	238	6.1	52.5	227	7.1
240	48.4	233	5.4	51.1	221	6.4
245	47.2	228	4.8	49.8	216	5.8
250	45.8	222	4.2	48.4	210	5.1
255	44.5	217	3.6	47.0	204	4.5
260	43.1	210	3.1	45.5	197	3.9
265	41.7	204	2.5	43.9	190	3.3
270				42.3	183	2.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	64.0	68.8	114	47.4
70	62.0	114	62.3	66.1	111	45.1
75	59.3	110	56.4	63.2	107	43.1
80	56.4	107	51.4	60.3	104	41.5
85	53.5	103	47.1	57.3	100	40.0
90	50.4	98	43.2	54.1	95	38.5
95	47.2	94	39.9	50.7	90	37.3
100	43.8	88	36.9	47.1	84	36.3
105	40.1	82	34.1	43.2	77	34.7
110	36.9	76	31.9	39.9	72	32.3
115				35.1	63	29.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	42.3	63.3	112	32.5
90	55.4	111	40.2	60.5	108	32.2
95	52.6	107	38.3	57.6	103	31.0
100	49.6	102	36.7	54.5	98	29.9
105	46.5	97	35.0	51.2	93	29.0
110	43.9	92	32.7	47.8	87	28.2
115	40.4	86	30.4	44.0	80	27.7
120	36.6	78	28.4	39.8	72	27.2
125				35.0	62	26.7



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	29.5	54.2	101	22.4
115	46.5	101	28.8	51.0	95	21.8
120	43.4	95	27.8	47.6	88	21.2
125	40.0	88	26.8	43.9	81	20.9
130	36.2	80	25.6	39.7	72	20.6
135				34.9	61	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.9	43.8	81	16.4
140	35.9	82	20.3	39.6	72	16.2
145				34.8	60	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	69.0	74.2	138	52.4
65	68.4	138	66.4	72.0	135	50.1
70	66.2	136	61.5	69.8	133	48.1
75	63.9	133	55.6	67.5	130	46.0
80	61.6	131	50.6	65.1	127	44.2
85	59.3	127	46.2	62.7	124	42.6
90	56.9	124	42.4	60.2	121	41.3
95	54.4	120	39.0	57.6	117	39.9
100	51.8	116	36.0	54.9	112	36.8
105	49.1	111	33.3	52.1	108	34.0
110	46.9	107	31.0	49.8	104	31.7
115	43.9	102	28.8	46.8	98	29.4
120	40.8	96	26.8	43.5	91	27.3
125	37.4	89	25.0	39.9	84	25.4
130	33.8	81	23.2	36.0	76	23.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	51.1	71.3	140	35.1
80	64.9	141	48.4	69.1	137	33.8
85	62.8	139	46.1	67.3	135	32.9
90	60.6	135	43.3	65.1	132	32.6
95	58.3	132	39.9	62.7	128	32.3
100	56.0	128	36.8	60.3	125	32.0
105	53.5	124	34.1	57.8	120	31.0
110	51.6	121	31.8	55.2	116	30.1
115	49.0	116	29.6	52.5	111	29.3
120	46.3	111	27.6	49.7	105	28.3
125	43.4	105	25.7	46.7	99	26.3
130	40.4	98	24.0	43.4	92	24.5
135	37.1	91	22.4	39.9	85	22.8
140	33.5	83	20.9	36.0	76	21.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	59.6	140	33.1	64.5	136	25.3
105	57.8	137	32.2	62.3	132	24.5
110	55.6	133	31.3	59.9	128	23.8
115	53.3	129	30.4	57.5	123	23.1
120	50.9	124	28.3	55.0	118	22.5
125	48.4	119	26.5	52.3	113	21.9
130	45.7	114	24.7	49.5	107	21.4
135	43.0	108	23.2	46.6	100	21.0
140	40.0	101	21.7	43.3	93	20.8
145	36.8	93	20.3	39.8	85	20.5
150	33.3	85	19.0	35.9	75	19.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	25.3	59.5	131	18.4
125	52.5	133	24.3	57.2	126	17.9
130	50.2	128	23.5	54.7	121	17.5
135	47.8	122	22.8	52.1	115	17.1
140	45.2	117	22.1	49.4	109	16.7
145	42.5	110	20.9	46.4	102	16.4
150	39.6	103	19.6	43.2	94	16.3
155	36.5	95	18.4	39.7	85	16.1
160	33.1	86	17.2	35.8	74	16.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	18.2	51.9	117	14.0
150	44.7	119	17.7	49.2	110	13.8
155	42.1	113	17.3	46.3	103	13.6
160	39.3	105	16.8	43.1	94	13.5
165	36.2	97	16.4	39.7	85	13.4
170	32.8	87	15.7	35.7	74	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.3	46.1	104	11.3
170	38.9	107	14.0	43.0	95	11.3
175	35.9	99	13.7	39.6	85	11.2
180	32.6	89	13.4	35.6	73	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	69.0	76.2	158	54.7
65	71.0	159	67.8	74.3	156	52.2
70	69.1	157	60.8	72.3	154	50.1
75	67.2	154	54.9	70.4	151	48.5
80	65.2	152	49.9	68.3	149	46.5
85	63.2	149	45.5	66.3	146	44.8
90	61.2	146	41.7	64.2	143	42.9
95	59.1	143	38.3	62.1	140	39.4
100	57.0	140	35.3	59.9	136	36.3
105	55.2	137	32.8	57.6	132	33.5
110	53.0	133	30.4	55.8	129	31.2
115	50.7	129	28.2	53.4	125	28.9
120	48.3	124	26.2	50.9	120	26.8
125	45.7	119	24.3	48.3	115	24.9
130	43.1	113	22.6	45.6	109	23.1
135	40.3	107	21.1	42.6	102	21.5
140	37.3	100	19.6	39.5	95	20.0
145	34.1	93	18.3	36.1	87	18.6
150				32.3	78	17.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	57.1	75.4	163	37.8
75	69.7	165	54.8	73.5	161	36.3
80	67.9	162	50.8	71.7	158	35.2
85	66.0	160	46.4	69.7	156	34.1
90	64.1	157	42.6	68.2	154	32.9
95	62.2	154	39.2	66.2	151	32.6
100	60.2	151	36.1	64.2	147	32.3
105	58.2	148	33.4	62.1	144	32.0
110	56.6	145	31.1	60.0	140	31.6
115	54.5	141	28.9	57.8	136	29.9
120	52.3	137	26.9	55.6	132	27.8
125	50.1	132	25.0	53.2	127	25.8
130	47.7	127	23.3	50.8	122	24.0
135	45.3	122	21.8	48.2	116	22.4
140	42.7	116	20.3	45.5	110	20.9
145	40.0	110	19.0	42.6	103	19.4
150	37.1	102	17.7	39.5	96	18.1
155	33.9	94	16.5	36.1	87	16.8
160				32.2	77	15.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	38.2	71.4	163	28.4
95	65.0	165	36.6	69.6	161	27.5
100	63.1	162	35.1	67.7	158	26.5
105	61.3	159	33.9	65.7	154	25.7
110	59.8	157	31.9	63.8	151	24.9
115	57.8	153	29.7	61.7	147	24.3
120	55.8	149	27.6	59.7	143	23.7
125	53.8	145	25.8	57.5	139	23.1
130	51.7	141	24.1	55.3	134	22.5
135	49.5	136	22.5	53.0	129	22.0
140	47.2	131	21.0	50.6	124	21.5
145	44.8	125	19.6	48.1	118	20.3
150	42.3	119	18.4	45.4	111	18.9
155	39.6	112	17.2	42.5	104	17.7
160	36.8	104	16.1	39.4	96	16.5
165	33.7	96	15.0	36.0	86	15.3
170				32.1	75	14.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	28.8	67.1	162	20.4
115	60.8	165	28.2	65.3	158	19.7
120	58.9	161	27.2	63.3	154	19.2
125	57.0	157	26.2	61.4	150	18.7
130	55.1	153	24.6	59.3	146	18.3
135	53.1	149	23.0	57.2	142	17.9
140	51.0	144	21.6	55.1	137	17.5
145	48.9	139	20.2	52.8	131	17.1
150	46.7	134	18.9	50.4	125	16.8
155	44.4	128	17.7	47.9	119	16.5
160	41.9	121	16.6	45.3	112	16.3
165	39.3	114	15.5	42.4	104	16.0
170	36.5	106	14.5	39.3	96	14.9
175	33.5	98	13.6	35.9	86	13.9
180				32.0	74	12.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.5	62.9	158	15.5
135	56.3	161	20.8	61.0	154	15.2
140	54.4	157	20.1	59.0	149	14.9
145	52.5	153	19.5	57.0	144	14.6
150	50.5	148	18.9	54.8	139	14.3
155	48.4	142	18.3	52.6	133	14.0
160	46.2	137	17.1	50.3	127	13.8
165	43.9	130	16.1	47.8	120	13.6
170	41.5	124	15.1	45.2	113	13.5
175	39.0	116	14.1	42.4	105	13.4
180	36.3	108	13.2	39.3	96	13.3
185	33.3	99	12.4	35.8	85	12.7
190				31.8	72	11.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.9	56.7	147	12.2
160	49.9	151	15.5	54.6	141	11.9
165	47.9	145	15.1	52.4	135	11.7
170	45.7	139	14.8	50.1	129	11.5
175	43.5	133	14.5	47.7	122	11.4
180	41.2	126	13.7	45.1	114	11.3
185	38.7	118	12.8	42.3	105	11.2
190	36.0	110	12.0	39.2	96	11.2
195	33.1	100	11.2	35.7	84	11.1
200				31.6	71	10.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	68.8	77.8	178	56.8
65	73.2	180	66.9	76.1	177	54.3
70	71.5	178	59.9	74.4	175	52.1
75	69.8	176	54.0	72.7	173	50.2
80	68.1	174	49.0	70.9	171	48.7
85	66.4	171	44.6	69.2	168	46.1
90	64.6	169	40.8	67.4	166	42.1
95	62.8	166	37.4	65.5	163	38.6
100	61.0	163	34.4	63.7	160	35.5
105	59.5	161	31.9	62.2	157	32.9
110	57.7	157	29.4	60.3	154	30.4
115	55.7	154	27.2	58.3	150	28.1
120	53.7	150	25.2	56.2	146	26.0
125	51.7	146	23.4	54.1	142	24.1
130	49.6	142	21.7	52.0	138	22.4
135	47.4	137	20.1	49.7	133	20.7
140	45.2	132	18.7	47.4	127	19.2
145	42.8	126	17.4	44.9	121	17.8
150	40.3	120	16.1	42.4	115	16.5
155	37.7	113	14.9	39.6	108	15.3
160	34.9	106	13.8	36.7	100	14.1
165	31.9	98	12.8	33.4	91	13.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	61.6	78.6	186	40.4
70	73.5	188	59.1	77.0	184	39.0
75	71.9	186	55.1	75.4	182	37.6
80	70.3	184	50.0	73.7	180	36.3
85	68.7	182	45.5	72.1	178	35.2
90	67.0	179	41.7	70.4	175	34.4
95	65.4	177	38.2	68.6	173	33.4
100	63.7	174	35.2	67.3	170	32.7
105	62.3	172	32.7	65.5	167	32.4
110	60.5	169	30.2	63.7	164	31.5
115	58.7	165	28.0	61.8	161	29.1
120	56.9	162	26.0	59.9	157	27.0
125	55.0	158	24.1	58.0	153	25.1
130	53.1	154	22.4	56.0	149	23.3
135	51.1	150	20.8	54.0	144	21.6
140	49.1	145	19.4	51.8	140	20.1
145	47.0	140	18.0	49.6	134	18.7
150	44.8	135	16.8	47.3	129	17.4
155	42.5	129	15.6	44.9	123	16.1
160	40.0	122	14.5	42.3	116	14.9
165	37.5	115	13.5	39.6	108	13.8
170	34.7	108	12.5	36.6	100	12.8
175	31.7	99	11.5	33.4	91	11.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	42.2	75.0	187	30.3
90	69.2	190	40.5	73.4	185	29.3
95	67.6	188	38.8	71.8	183	28.4
100	66.0	185	36.1	70.2	180	27.7
105	64.4	182	33.3	68.5	177	26.8
110	63.1	180	31.0	66.8	174	26.1
115	61.4	177	28.8	65.1	171	25.4
120	59.7	174	26.7	63.3	168	24.7
125	58.0	170	24.8	61.5	164	24.2
130	56.2	166	23.1	59.6	160	23.7
135	54.4	162	21.5	57.7	156	22.6
140	52.5	158	20.1	55.8	152	21.0
145	50.6	153	18.7	53.8	147	19.6
150	48.6	148	17.5	51.7	142	18.2
155	46.5	143	16.3	49.5	136	17.0
160	44.4	138	15.2	47.2	130	15.8
165	42.1	131	14.1	44.8	124	14.7
170	39.7	125	13.1	42.3	116	13.6
175	37.2	117	12.2	39.5	108	12.6
180	34.5	109	11.3	36.6	100	11.6
185	31.6	100	10.5	33.3	90	10.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.9	72.8	190	22.5
105	67.0	194	31.0	71.3	187	21.9
110	65.4	191	30.1	69.7	184	21.3
115	63.9	188	29.3	68.0	181	20.6
120	62.3	185	27.3	66.4	178	20.0
125	60.6	182	25.4	64.7	175	19.5
130	59.0	178	23.7	62.9	171	19.0
135	57.3	174	22.1	61.2	167	18.6
140	55.5	170	20.6	59.3	163	18.2
145	53.8	166	19.3	57.5	159	17.8
150	51.9	162	18.0	55.6	154	17.5
155	50.0	157	16.8	53.6	149	17.2
160	48.1	152	15.7	51.5	144	16.5
165	46.1	146	14.6	49.4	138	15.4
170	44.0	140	13.6	47.1	131	14.3
175	41.8	134	12.7	44.7	124	13.3
180	39.4	127	11.8	42.2	117	12.3
185	36.9	119	11.0	39.5	109	11.4
190	34.3	111	10.2	36.5	99	10.5
195	31.4	102	9.4	33.2	88	9.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.8	69.1	189	16.9
125	63.0	193	23.2	67.6	185	16.4
130	61.5	190	22.7	65.9	182	16.0
135	59.9	186	22.2	64.3	178	15.7
140	58.3	183	21.2	62.6	175	15.3
145	56.6	179	19.8	60.8	170	15.1
150	54.9	174	18.6	59.1	166	14.8
155	53.2	170	17.4	57.2	161	14.5
160	51.4	165	16.2	55.3	156	14.3
165	49.5	160	15.2	53.4	151	14.1
170	47.6	155	14.2	51.3	145	13.8
175	45.6	149	13.3	49.2	139	13.7
180	43.6	143	12.4	47.0	133	13.0
185	41.4	136	11.5	44.6	125	12.1
190	39.1	129	10.7	42.1	117	11.2
195	36.7	121	10.0	39.4	109	10.4
200	34.1	113	9.2	36.4	99	9.5
205	31.2	103	8.5	33.1	87	8.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.5	65.5	186	13.3
145	59.2	191	17.9	63.9	182	13.1
150	57.6	187	17.4	62.2	178	12.8
155	56.0	183	16.9	60.5	173	12.6
160	54.3	178	16.5	58.8	169	12.4
165	52.6	174	15.6	57.0	164	12.2
170	50.9	169	14.6	55.1	159	12.0
175	49.1	164	13.7	53.2	153	11.8
180	47.2	158	12.8	51.2	147	11.6
185	45.2	152	11.9	49.1	141	11.4
190	43.2	146	11.1	46.9	134	11.3
195	41.1	139	10.4	44.5	126	11.0
200	38.8	131	9.6	42.0	118	10.2
205	36.5	123	8.9	39.3	109	9.4
210	33.9	114	8.3	36.3	98	8.6
215	31.1	104	7.6	33.0	86	7.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	68.7	79.0	198	57.4
65	74.8	199	66.2	77.5	196	55.6
70	73.3	198	59.2	75.9	195	53.5
75	71.8	196	53.3	74.4	193	51.6
80	70.3	194	48.2	72.8	191	50.0
85	68.7	192	43.8	71.3	189	45.5
90	67.2	190	40.0	69.7	186	41.5
95	65.6	187	36.6	68.1	184	38.0
100	64.0	185	33.6	66.4	181	34.9
105	62.7	183	31.1	65.1	179	32.3
110	61.0	180	28.6	63.5	176	29.7
115	59.4	177	26.4	61.7	173	27.5
120	57.7	173	24.4	60.0	170	25.4
125	55.9	170	22.6	58.2	166	23.5
130	54.1	166	20.9	56.4	162	21.7
135	52.3	162	19.4	54.5	158	20.1
140	50.4	158	17.9	52.6	154	18.6
145	48.5	153	16.6	50.6	149	17.2
150	46.5	148	15.4	48.5	144	15.9
155	44.4	143	14.2	46.4	138	14.7
160	42.2	137	13.1	44.1	133	13.6
165	40.0	131	12.1	41.8	126	12.5
170	37.6	124	11.1	39.3	119	11.5
175	35.1	117	10.2	36.7	111	10.5
180	32.4	109	9.4	33.8	103	9.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.7	81.1	206	42.6
65	76.5	209	64.2	79.7	205	41.1
70	75.1	208	60.4	78.2	203	39.9
75	73.6	206	54.4	76.8	202	38.6
80	72.2	204	49.2	75.3	200	37.3
85	70.7	202	44.8	73.8	198	36.2
90	69.2	200	40.9	72.3	196	35.2
95	67.7	198	37.5	70.8	193	34.4
100	66.2	195	34.4	69.2	191	33.6
105	65.0	193	31.9	68.0	189	32.8
110	63.5	191	29.4	66.4	186	30.8
115	61.9	188	27.2	64.8	183	28.5
120	60.3	185	25.2	63.1	180	26.4
125	58.6	181	23.3	61.4	176	24.4
130	57.0	178	21.6	59.7	173	22.6
135	55.3	174	20.1	58.0	169	21.0
140	53.5	170	18.6	56.2	165	19.5
145	51.8	166	17.3	54.3	161	18.1
150	49.9	161	16.0	52.4	156	16.7
155	48.0	157	14.8	50.5	151	15.5
160	46.1	151	13.7	48.4	145	14.3
165	44.0	146	12.7	46.3	140	13.2
170	41.9	140	11.7	44.1	133	12.2
175	39.7	133	10.8	41.8	127	11.2
180	37.4	127	10.0	39.3	119	10.3
185	34.9	119	9.1	36.6	111	9.4
190	32.2	110	8.3	33.7	102	8.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	44.1	77.9	209	32.2
85	72.5	212	43.0	76.4	207	31.2
90	71.1	210	41.9	75.0	205	30.1
95	69.7	208	38.4	73.5	203	29.2
100	68.3	206	35.3	72.1	201	28.4
105	67.1	204	32.7	70.6	198	27.8
110	65.6	201	30.3	69.1	196	27.0
115	64.2	199	28.0	67.5	193	26.2
120	62.6	196	25.9	66.0	190	25.6
125	61.1	193	24.1	64.4	187	24.9
130	59.6	189	22.4	62.8	183	23.6
135	58.0	186	20.8	61.1	180	21.9
140	56.3	182	19.3	59.5	176	20.4
145	54.7	178	17.9	57.7	172	18.9
150	53.0	174	16.7	56.0	167	17.6
155	51.2	170	15.5	54.2	163	16.3
160	49.4	165	14.4	52.3	158	15.2
165	47.6	160	13.4	50.3	153	14.1
170	45.7	154	12.4	48.3	147	13.0
175	43.7	149	11.5	46.2	141	12.0
180	41.6	142	10.6	44.0	134	11.1
185	39.4	136	9.8	41.7	127	10.2
190	37.2	129	9.0	39.2	119	9.3
195	34.7	121	8.2	36.6	111	8.5
200	32.1	112	7.5	33.7	101	7.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.7	75.8	213	23.8
100	70.4	217	33.1	74.4	210	23.1
105	69.0	214	32.1	73.0	208	22.4
110	67.6	212	30.9	71.5	206	21.9
115	66.2	209	28.6	70.1	203	21.4
120	64.8	207	26.6	68.6	200	20.8
125	63.4	204	24.7	67.1	197	20.2
130	61.9	201	22.9	65.6	194	19.7
135	60.4	197	21.3	64.0	190	19.3
140	58.9	194	19.9	62.5	187	18.9
145	57.3	190	18.5	60.8	183	18.5
150	55.7	186	17.2	59.2	179	18.2
155	54.1	182	16.0	57.5	175	17.1
160	52.4	178	14.9	55.8	170	15.9
165	50.7	173	13.9	54.0	165	14.8
170	49.0	168	12.9	52.1	160	13.7
175	47.2	163	12.0	50.2	154	12.7
180	45.3	157	11.1	48.2	148	11.8
185	43.4	151	10.2	46.1	142	10.9
190	41.3	145	9.5	44.0	135	10.0
195	39.2	138	8.7	41.7	128	9.2
200	36.9	131	8.0	39.2	119	8.4
205	34.5	122	7.3	36.5	110	7.6
210	31.9	113	6.6	33.6	100	6.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	25.1	72.5	213	17.8
120	66.8	217	24.5	71.0	210	17.4
125	65.4	215	23.9	69.6	207	17.0
130	64.0	212	23.4	68.2	204	16.6
135	62.6	209	22.0	66.7	201	16.2
140	61.2	205	20.5	65.2	197	15.8
145	59.7	202	19.1	63.7	194	15.5
150	58.2	198	17.8	62.1	190	15.2
155	56.7	194	16.6	60.6	186	15.0
160	55.1	190	15.5	58.9	182	14.7
165	53.6	186	14.4	57.3	177	14.5
170	51.9	181	13.4	55.6	172	14.2
175	50.3	177	12.5	53.8	167	13.4
180	48.5	172	11.6	52.0	162	12.5
185	46.8	166	10.8	50.1	156	11.5
190	44.9	160	10.0	48.1	150	10.7
195	43.0	154	9.2	46.1	143	9.9
200	41.0	147	8.5	43.9	136	9.1
205	38.9	140	7.8	41.6	128	8.3
210	36.7	132	7.2	39.1	119	7.6
215	34.3	124	6.5	36.5	110	6.8
220	31.8	114	5.9	33.5	99	6.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	19.1	69.2	211	14.0
140	63.2	217	18.8	67.8	208	13.7
145	61.9	214	18.5	66.3	205	13.4
150	60.5	210	18.2	64.9	201	13.1
155	59.0	206	17.0	63.4	197	12.9
160	57.6	203	15.9	61.8	193	12.6
165	56.1	199	14.8	60.3	189	12.5
170	54.6	194	13.9	58.7	185	12.3
175	53.0	190	12.9	57.0	180	12.1
180	51.4	185	12.0	55.4	175	11.9
185	49.8	180	11.2	53.6	169	11.7
190	48.1	175	10.4	51.8	164	11.3
195	46.4	169	9.6	49.9	158	10.4
200	44.6	163	8.9	48.0	151	9.6
205	42.7	157	8.2	46.0	144	8.9
210	40.7	150	7.6	43.8	137	8.1
215	38.7	142	6.9	41.5	128	7.4
220	36.5	134	6.3	39.1	119	6.7
225	34.1	125	5.7	36.4	109	6.1
230	31.6	116	5.2	33.4	98	5.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	68.9	80.0	218	58.6
65	76.2	220	65.3	78.6	217	56.8
70	74.8	218	58.4	77.3	215	55.2
75	73.5	217	52.4	75.9	214	53.3
80	72.1	215	47.3	74.5	212	49.3
85	70.7	213	42.9	73.1	210	44.7
90	69.3	211	39.0	71.7	208	40.7
95	67.9	209	35.6	70.2	206	37.2
100	66.8	207	32.8	68.8	203	34.1
105	65.3	205	30.1	67.6	201	31.5
110	63.9	202	27.7	66.1	199	28.9
115	62.4	200	25.5	64.6	196	26.6
120	60.9	197	23.5	63.1	193	24.5
125	59.4	194	21.6	61.5	190	22.6
130	57.8	190	19.9	59.9	187	20.8
135	56.2	187	18.4	58.3	183	19.2
140	54.6	183	16.9	56.7	179	17.7
145	53.0	179	15.6	55.0	175	16.3
150	51.3	175	14.4	53.3	171	15.0
155	49.6	171	13.2	51.5	167	13.8
160	47.8	166	12.1	49.7	162	12.7
165	45.9	161	11.1	47.8	157	11.6
170	44.0	156	10.2	45.8	151	10.6
175	42.1	150	9.3	43.8	145	9.7
180	40.0	144	8.4	41.7	139	8.8
185	37.9	137	7.6	39.4	132	7.9
190	35.6	130	6.8	37.0	124	7.1
195	33.2	122	6.1	34.5	116	6.3
200	30.6	114	5.4	31.8	107	5.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	66.3	81.9	227	43.5
65	77.7	230	65.6	80.6	225	41.9
70	76.4	228	59.6	79.3	224	40.5
75	75.1	227	53.6	78.0	222	39.5
80	73.8	225	48.4	76.6	221	38.3
85	72.4	223	43.9	75.3	219	37.1
90	71.1	221	40.0	73.9	217	36.1
95	69.8	219	36.6	72.6	215	35.2
100	68.4	217	33.5	71.2	213	34.5
105	67.3	215	31.0	70.1	211	32.7
110	65.9	213	28.5	68.7	208	30.1
115	64.5	210	26.3	67.2	206	27.7
120	63.1	208	24.2	65.8	203	25.6
125	61.7	205	22.4	64.3	200	23.6
130	60.2	202	20.7	62.8	197	21.8
135	58.7	198	19.1	61.3	193	20.2
140	57.2	195	17.6	59.7	190	18.6
145	55.7	191	16.3	58.1	186	17.2
150	54.1	187	15.0	56.5	182	15.9
155	52.5	183	13.8	54.8	178	14.7
160	50.8	179	12.8	53.1	173	13.5
165	49.1	174	11.7	51.4	169	12.4
170	47.4	169	10.8	49.6	163	11.4
175	45.6	164	9.9	47.7	158	10.4
180	43.7	159	9.0	45.8	152	9.5
185	41.8	153	8.2	43.7	146	8.6
190	39.8	146	7.4	41.6	139	7.8
195	37.7	139	6.7	39.4	132	7.0
200	35.4	132	6.0	37.0	124	6.3
205	33.0	124	5.3	34.5	116	5.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	44.6	78.9	230	32.2
85	74.0	233	43.5	77.6	228	32.0
90	72.7	231	41.0	76.3	226	30.9
95	71.5	230	37.5	75.0	225	30.0
100	70.2	227	34.4	73.7	222	29.2
105	69.1	226	31.9	72.4	220	28.5
110	67.8	223	29.3	71.0	218	27.8
115	66.5	221	27.1	69.6	215	27.2
120	65.1	218	25.0	68.2	213	26.5
125	63.8	216	23.1	66.8	210	24.7
130	62.4	213	21.4	65.4	207	22.8
135	61.0	210	19.8	64.0	204	21.2
140	59.5	206	18.3	62.5	200	19.6
145	58.1	203	17.0	61.0	197	18.1
150	56.6	199	15.7	59.5	193	16.8
155	55.1	195	14.5	57.9	189	15.5
160	53.6	191	13.4	56.3	185	14.4
165	52.0	187	12.4	54.7	180	13.3
170	50.4	182	11.4	53.0	175	12.2
175	48.7	178	10.5	51.3	170	11.2
180	47.0	173	9.6	49.5	165	10.3
185	45.2	167	8.8	47.6	159	9.4
190	43.4	161	8.0	45.7	153	8.6
195	41.5	155	7.3	43.7	147	7.8
200	39.5	149	6.6	41.6	140	7.0
205	37.4	141	5.9	39.4	132	6.3
210	35.2	134	5.3	37.0	124	5.6
215	32.9	125	4.6	34.4	115	4.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.0	240	34.3	77.0	234	24.4
100	71.8	238	33.5	75.8	232	23.7
105	70.8	236	32.6	74.5	230	23.0
110	69.5	234	30.1	73.2	227	22.4
115	68.3	231	27.8	71.9	225	21.9
120	67.0	229	25.7	70.5	222	21.5
125	65.7	226	23.8	69.2	220	21.0
130	64.4	224	22.0	67.8	217	20.4
135	63.0	221	20.4	66.5	214	19.9
140	61.7	218	18.9	65.1	210	19.5
145	60.3	214	17.6	63.6	207	19.0
150	58.9	211	16.3	62.2	204	17.6
155	57.5	207	15.1	60.7	200	16.3
160	56.0	203	14.0	59.2	196	15.1
165	54.6	199	12.9	57.7	192	14.0
170	53.1	195	11.9	56.1	187	12.9
175	51.5	191	11.0	54.5	183	11.9
180	49.9	186	10.1	52.8	178	11.0
185	48.3	181	9.3	51.1	172	10.1
190	46.6	176	8.5	49.4	167	9.2
195	44.9	170	7.8	47.5	161	8.4
200	43.1	164	7.1	45.6	154	7.6
205	41.2	158	6.4	43.6	148	6.9
210	39.3	151	5.7	41.5	140	6.2
215	37.2	144	5.1	39.3	132	5.5
220	35.1	136	4.5	36.9	124	4.8
225	32.8	127	3.9	34.4	114	4.2



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.2	75.2	237	18.7
115	69.9	242	25.8	74.0	234	18.2
120	68.7	240	25.1	72.7	232	17.8
125	67.5	237	24.4	71.4	229	17.4
130	66.2	234	22.7	70.1	227	17.1
135	64.9	232	21.1	68.8	224	16.7
140	63.6	229	19.6	67.5	221	16.3
145	62.3	226	18.2	66.1	218	16.0
150	61.0	222	16.9	64.7	214	15.7
155	59.7	219	15.7	63.3	211	15.4
160	58.3	215	14.5	61.9	207	15.1
165	56.9	212	13.5	60.5	203	14.7
170	55.5	208	12.5	59.0	199	13.7
175	54.1	203	11.5	57.5	194	12.7
180	52.6	199	10.7	55.9	190	11.7
185	51.1	194	9.8	54.3	185	10.8
190	49.5	189	9.0	52.7	180	9.9
195	47.9	184	8.3	51.0	174	9.1
200	46.3	179	7.6	49.2	168	8.3
205	44.6	173	6.9	47.4	162	7.6
210	42.8	167	6.2	45.5	156	6.8
215	41.0	160	5.6	43.6	148	6.2
220	39.0	153	5.0	41.5	141	5.5
225	37.0	145	4.4	39.2	132	4.8
230	34.9	137	3.9	36.9	123	4.2
235	32.6	128	3.3	34.3	113	3.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.8	72.2	237	14.6
135	66.7	242	19.5	71.0	234	14.4
140	65.5	240	19.2	69.7	231	14.1
145	64.2	237	18.7	68.4	228	13.8
150	63.0	234	17.4	67.1	225	13.5
155	61.7	230	16.1	65.8	221	13.3
160	60.4	227	15.0	64.4	218	13.0
165	59.1	223	13.9	63.0	214	12.8
170	57.7	220	12.9	61.6	210	12.6
175	56.4	216	12.0	60.2	206	12.5
180	55.0	212	11.1	58.7	202	12.3
185	53.6	207	10.3	57.3	197	11.4
190	52.1	203	9.5	55.7	192	10.5
195	50.6	198	8.7	54.2	187	9.7
200	49.1	193	8.0	52.5	182	8.9
205	47.5	187	7.3	50.9	176	8.1
210	45.9	182	6.6	49.1	170	7.4
215	44.2	176	6.0	47.3	163	6.7
220	42.5	169	5.4	45.5	157	6.0
225	40.7	162	4.8	43.5	149	5.4
230	38.8	155	4.3	41.4	141	4.8
235	36.8	147	3.7	39.2	132	4.2
240	34.7	139	3.2	36.8	123	3.6
245	32.4	130	2.7	34.2	112	3.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	68.9	80.8	237	56.5
65	77.3	239	64.7	79.6	236	55.9
70	76.1	238	57.6	78.3	235	55.3
75	74.8	236	51.7	77.0	233	54.0
80	73.6	235	46.5	75.8	232	48.7
85	72.3	233	42.1	74.5	230	44.1
90	71.0	231	38.2	73.2	228	40.1
95	69.7	229	34.8	71.9	226	36.5
100	68.7	228	32.0	70.6	224	33.4
105	67.4	226	29.3	69.5	222	30.8
110	66.1	223	26.9	68.2	220	28.2
115	64.8	221	24.6	66.8	217	25.9
120	63.4	218	22.6	65.5	215	23.8
125	62.0	215	20.8	64.1	212	21.9
130	60.7	212	19.1	62.7	209	20.1
135	59.2	209	17.5	61.2	206	18.5
140	57.8	206	16.1	59.8	202	17.0
145	56.4	203	14.8	58.3	199	15.6
150	54.9	199	13.5	56.8	195	14.3
155	53.4	195	12.4	55.2	191	13.1
160	51.8	191	11.3	53.6	187	12.0
165	50.2	187	10.3	52.0	183	10.9
170	48.6	182	9.3	50.4	178	9.9
175	47.0	177	8.4	48.7	173	9.0
180	45.3	172	7.6	46.9	168	8.1
185	43.5	167	6.8	45.1	162	7.2
190	41.7	161	6.0	43.2	156	6.4
195	39.8	155	5.3	41.2	150	5.7
200	37.8	148	4.6	39.2	143	4.9
205	35.7	141	4.0	37.0	136	4.2
210	33.5	133	3.3	34.7	128	3.6
215	31.1	125	2.7	32.2	119	2.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	60.5	81.4	245	42.4
70	77.4	248	58.9	80.2	243	41.1
75	76.2	246	52.8	78.9	242	39.9
80	75.0	245	47.7	77.7	240	39.0
85	73.8	243	43.2	76.5	239	38.0
90	72.6	241	39.2	75.2	237	36.9
95	71.4	239	35.8	74.0	235	36.0
100	70.4	238	32.9	72.7	233	34.7
105	69.1	236	30.2	71.7	231	32.0
110	67.9	234	27.7	70.4	229	29.4
115	66.6	231	25.5	69.1	227	27.0
120	65.3	229	23.4	67.8	224	24.9
125	64.0	226	21.5	66.5	221	22.9
130	62.7	223	19.8	65.1	219	21.1
135	61.4	220	18.3	63.8	216	19.5
140	60.0	217	16.8	62.4	212	17.9
145	58.6	214	15.4	61.0	209	16.5
150	57.2	211	14.2	59.5	206	15.2
155	55.8	207	13.0	58.1	202	14.0
160	54.4	203	11.9	56.6	198	12.8
165	52.9	199	10.9	55.1	194	11.7
170	51.4	195	9.9	53.5	189	10.7
175	49.8	190	9.0	51.9	185	9.7
180	48.2	186	8.2	50.3	180	8.8
185	46.6	181	7.4	48.6	175	8.0
190	44.9	175	6.6	46.9	169	7.1
195	43.2	170	5.9	45.1	163	6.4
200	41.4	164	5.2	43.2	157	5.6
205	39.5	157	4.5	41.2	150	4.9
210	37.6	151	3.9	39.2	143	4.2
215	35.5	143	3.3	37.0	135	3.6
220	33.4	135	2.7	34.7	127	2.9
225				32.2	117	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	44.1	79.8	249	32.3
85	75.2	253	43.3	78.6	248	32.0
90	74.1	251	40.3	77.4	246	31.6
95	72.9	250	36.8	76.2	244	30.7
100	71.7	248	33.7	75.0	243	29.8
105	70.7	246	31.1	73.8	240	29.1
110	69.5	244	28.6	72.5	238	28.4
115	68.3	242	26.3	71.3	236	27.8
120	67.1	239	24.2	70.0	234	26.0
125	65.9	237	22.3	68.7	231	24.0
130	64.6	234	20.6	67.5	228	22.2
135	63.3	231	19.0	66.1	225	20.5
140	62.0	228	17.5	64.8	222	18.9
145	60.7	225	16.2	63.5	219	17.5
150	59.4	222	14.9	62.1	216	16.1
155	58.1	219	13.7	60.7	212	14.9
160	56.7	215	12.6	59.3	209	13.7
165	55.3	211	11.6	57.9	205	12.6
170	53.9	207	10.6	56.4	201	11.5
175	52.4	203	9.7	54.9	196	10.5
180	51.0	199	8.8	53.4	192	9.6
185	49.4	194	8.0	51.8	187	8.7
190	47.9	189	7.2	50.2	182	7.9
195	46.3	184	6.5	48.5	176	7.1
200	44.6	178	5.8	46.8	170	6.3
205	42.9	173	5.1	45.0	164	5.6
210	41.2	166	4.5	43.1	158	4.9
215	39.3	160	3.9	41.2	151	4.3
220	37.4	153	3.3	39.1	143	3.6
225	35.4	145	2.7	37.0	135	3.0
230				34.6	126	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.5	79.2	255	25.4
95	74.3	260	34.7	78.0	253	24.8
100	73.1	258	34.0	76.8	252	24.2
105	72.2	256	31.9	75.7	250	23.5
110	71.1	254	29.3	74.5	248	22.9
115	69.9	252	27.0	73.3	245	22.4
120	68.7	250	24.9	72.1	243	21.9
125	67.5	247	23.0	70.8	241	21.5
130	66.3	245	21.2	69.6	238	21.1
135	65.1	242	19.6	68.4	235	20.6
140	63.9	239	18.1	67.1	232	19.8
145	62.7	236	16.8	65.8	229	18.3
150	61.4	233	15.5	64.5	226	16.9
155	60.1	230	14.3	63.2	223	15.6
160	58.8	227	13.1	61.9	219	14.4
165	57.5	223	12.1	60.5	215	13.3
170	56.2	219	11.1	59.1	212	12.3
175	54.8	215	10.2	57.7	207	11.3
180	53.4	211	9.3	56.2	203	10.3
185	52.0	207	8.5	54.8	199	9.4
190	50.5	202	7.7	53.2	194	8.6
195	49.0	197	7.0	51.7	189	7.8
200	47.5	192	6.2	50.1	183	7.0
205	45.9	187	5.6	48.4	178	6.2
210	44.3	181	4.9	46.7	172	5.5
215	42.6	175	4.3	44.9	165	4.9
220	40.9	169	3.7	43.1	159	4.2
225	39.1	162	3.2	41.1	151	3.6
230	37.2	155	2.6	39.1	143	3.0
235				36.9	135	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.9	76.3	257	19.1
115	71.4	262	25.7	75.2	255	18.6
120	70.2	260	25.4	74.0	253	18.2
125	69.1	258	23.7	72.8	250	17.8
130	68.0	255	21.9	71.6	248	17.4
135	66.8	253	20.3	70.4	245	17.1
140	65.6	250	18.8	69.2	242	16.8
145	64.4	247	17.4	68.0	239	16.4
150	63.2	244	16.1	66.8	236	16.1
155	62.0	241	14.9	65.5	233	15.8
160	60.8	238	13.7	64.2	230	15.2
165	59.5	235	12.7	62.9	226	14.1
170	58.3	231	11.7	61.6	222	13.0
175	57.0	227	10.7	60.3	219	12.0
180	55.7	223	9.9	58.9	214	11.0
185	54.3	219	9.0	57.5	210	10.1
190	53.0	215	8.2	56.1	206	9.3
195	51.6	210	7.5	54.6	201	8.5
200	50.1	206	6.8	53.1	196	7.7
205	48.7	201	6.1	51.5	191	6.9
210	47.2	195	5.4	50.0	185	6.2
215	45.6	190	4.8	48.3	179	5.5
220	44.0	184	4.2	46.6	173	4.9
225	42.4	178	3.6	44.9	166	4.2
230	40.7	171	3.1	43.0	159	3.6
235	38.9	164	2.5	41.1	152	3.0
240				39.0	143	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.3	74.7	260	15.2
130	69.5	266	20.0	73.5	257	14.9
135	68.4	263	19.7	72.4	255	14.6
140	67.2	261	19.3	71.2	252	14.4
145	66.1	258	17.9	70.0	249	14.2
150	64.9	255	16.6	68.9	246	13.9
155	63.8	252	15.4	67.6	243	13.6
160	62.6	249	14.2	66.4	240	13.4
165	61.4	246	13.1	65.2	237	13.1
170	60.2	243	12.1	63.9	233	12.9
175	59.0	239	11.2	62.6	230	12.7
180	57.7	235	10.3	61.3	226	11.7
185	56.5	232	9.5	60.0	222	10.8
190	55.2	227	8.7	58.7	217	9.9
195	53.9	223	7.9	57.3	213	9.1
200	52.5	219	7.2	55.9	208	8.3
205	51.1	214	6.5	54.4	203	7.5
210	49.7	209	5.8	52.9	198	6.8
215	48.3	204	5.2	51.4	193	6.1
220	46.8	199	4.6	49.9	187	5.4
225	45.3	193	4.0	48.2	181	4.8
230	43.7	187	3.4	46.5	174	4.2
235	42.1	180	2.8	44.8	167	3.6
240	40.4	174	2.3	43.0	160	3.0
245				41.0	152	2.4



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>						
31	86.0	265	67.1			
35	85.0	265	66.8			
40	83.9	264	66.2			
40				86.0	261	53.9
45	82.8	263	65.8	85.0	260	53.7
50	81.7	263	61.7	83.8	259	53.5
55	80.6	262	61.3	82.7	258	53.3
60	79.4	261	61.0	81.5	257	52.9
65	78.3	259	60.7	80.4	256	52.6
70	77.2	258	56.1	79.2	255	52.3
75	76.0	257	50.5	78.1	254	52.1
80	74.9	255	45.6	76.9	252	48.0
85	73.7	254	41.2	75.7	251	43.4
90	72.5	252	37.3	74.5	249	39.3
95	71.4	250	33.9	73.4	247	35.7
100	70.4	249	31.1	72.4	246	32.8
105	69.2	247	28.3	71.2	244	30.0
110	68.0	245	25.9	70.0	241	27.4
115	66.8	243	23.7	68.8	239	25.1
120	65.6	240	21.6	67.5	237	22.9
125	64.4	238	19.8	66.3	234	21.0
130	63.1	235	18.1	65.0	232	19.2
135	61.8	232	16.5	63.7	229	17.6
140	60.6	229	15.1	62.4	226	16.1
145	59.3	226	13.7	61.1	223	14.7
150	57.9	223	12.5	59.7	219	13.4
155	56.6	220	11.3	58.4	216	12.2
160	55.2	216	10.3	57.0	212	11.0
165	53.9	212	9.3	55.6	208	10.0
170	52.4	208	8.3	54.1	204	9.0
175	51.0	204	7.4	52.7	200	8.0
180	49.5	200	6.5	51.2	196	7.2
185	48.0	195	5.6	49.6	191	6.3
190	46.5	190	4.8	48.0	186	5.4
195	44.9	185	4.1	46.4	181	4.6
200	43.2	180	3.4	44.7	175	3.9
205	41.6	174	2.7	43.0	169	3.2
210				41.2	163	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 46 ft fixed jib</b>						
35	86.0	274	56.9			
35	86.0	274	56.9			
40	84.9	274	56.8			
45	83.8	273	56.5			
47				86.0	268	46.2
50	82.7	272	56.4	85.3	268	45.8
55	81.7	271	55.8	84.2	267	44.6
60	80.6	270	55.3	83.1	266	43.8
65	79.5	269	54.8	82.0	265	42.8
70	78.4	268	54.3	80.9	264	41.5
75	77.3	267	51.5	79.8	262	40.4
80	76.2	265	46.6	78.7	261	39.5
85	75.0	264	42.3	77.5	259	38.7
90	73.9	262	38.4	76.4	258	37.7
95	72.8	260	34.9	75.2	256	36.8
100	71.9	259	32.0	74.1	254	33.9
105	70.8	257	29.3	73.2	253	31.3
110	69.6	255	26.8	72.0	250	28.6
115	68.5	253	24.5	70.8	248	26.3
120	67.3	251	22.5	69.6	246	24.1
125	66.1	248	20.6	68.4	244	22.1
130	64.9	246	18.9	67.2	241	20.3
135	63.7	243	17.3	66.0	238	18.6
140	62.5	240	15.8	64.7	235	17.1
145	61.2	237	14.5	63.4	232	15.7
150	60.0	234	13.2	62.2	229	14.3
155	58.7	231	12.0	60.9	226	13.1
160	57.4	228	10.9	59.5	222	11.9
165	56.1	224	9.9	58.2	219	10.8
170	54.8	220	8.9	56.8	215	9.8
175	53.4	216	7.9	55.4	211	8.8
180	52.0	212	7.0	54.0	207	7.9
185	50.6	208	6.2	52.6	202	7.0
190	49.2	203	5.4	51.1	198	6.2
195	47.7	199	4.6	49.5	193	5.4
200	46.2	193	3.9	48.0	187	4.6
205	44.6	188	3.2	46.4	182	3.8
210	43.0	182	2.5	44.7	176	3.1
215				42.9	170	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 56 ft fixed jib</b>						
39	86.0	283	50.4			
40	85.8	283	50.3			
45	84.8	282	49.7			
50	83.7	282	49.2			
54				86.0	276	36.0
55	82.7	281	48.8	85.7	275	35.8
60	81.6	280	47.5	84.6	274	34.6
65	80.6	279	46.1	83.6	273	33.7
70	79.5	278	45.0	82.7	272	33.4
75	78.4	276	44.0	81.6	271	32.9
80	77.4	275	43.2	80.5	270	32.5
85	76.3	274	42.4	79.5	268	32.1
90	75.2	272	39.4	78.3	267	31.7
95	74.1	270	35.9	77.2	265	31.4
100	73.3	269	33.0	76.1	263	30.5
105	72.2	267	30.2	75.0	262	29.7
110	71.1	265	27.7	73.9	260	29.0
115	70.0	263	25.4	72.7	257	27.5
120	68.8	261	23.3	71.6	255	25.3
125	67.7	259	21.4	70.4	253	23.3
130	66.6	256	19.7	69.2	250	21.4
135	65.4	254	18.1	68.1	248	19.7
140	64.2	251	16.6	66.9	245	18.1
145	63.0	248	15.2	65.6	242	16.7
150	61.9	245	13.9	64.4	239	15.3
155	60.6	242	12.7	63.2	236	14.0
160	59.4	239	11.6	61.9	233	12.8
165	58.2	236	10.5	60.6	229	11.7
170	56.9	232	9.5	59.3	226	10.7
175	55.6	228	8.6	58.0	222	9.7
180	54.3	224	7.7	56.7	218	8.8
185	53.0	220	6.8	55.3	213	7.9
190	51.6	216	6.0	53.9	209	7.0
195	50.2	212	5.2	52.4	204	6.2
200	48.8	207	4.5	51.0	199	5.4
205	47.3	202	3.8	49.4	194	4.6
210	45.9	197	3.1	47.9	189	3.9
215	44.3	191	2.5	46.3	183	3.2
220				44.6	177	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 66 ft fixed jib</b>						
43	86.0	292	44.5			
45	85.6	292	44.3			
50	84.6	291	42.8			
55	83.6	290	41.6			
60	82.6	289	40.6			
60				86.0	283	30.0
65	81.6	288	39.5	85.2	282	29.6
70	80.6	287	38.5	84.2	281	28.7
75	79.5	286	37.6	83.1	280	27.9
80	78.5	285	36.9	82.1	279	27.2
85	77.5	283	36.3	81.0	277	26.4
90	76.4	282	35.5	80.0	276	25.7
95	75.4	280	34.8	78.9	274	25.1
100	74.3	279	33.6	77.8	272	24.6
105	73.5	277	31.0	76.7	271	24.0
110	72.4	275	28.4	75.6	269	23.4
115	71.4	273	26.1	74.5	267	22.9
120	70.3	271	24.0	73.4	264	22.4
125	69.2	269	22.1	72.3	262	21.9
130	68.1	267	20.3	71.2	260	21.5
135	67.0	264	18.7	70.0	257	20.6
140	65.9	262	17.2	68.9	255	19.0
145	64.7	259	15.8	67.7	252	17.5
150	63.6	256	14.5	66.5	249	16.2
155	62.4	253	13.3	65.4	246	14.9
160	61.3	250	12.1	64.1	243	13.6
165	60.1	247	11.0	62.9	240	12.5
170	58.9	244	10.0	61.7	236	11.4
175	57.6	240	9.0	60.4	232	10.4
180	56.4	236	8.1	59.1	229	9.5
185	55.1	232	7.3	57.8	225	8.6
190	53.9	228	6.5	56.5	220	7.7
195	52.6	224	5.7	55.1	216	6.8
200	51.2	220	4.9	53.7	211	6.0
205	49.9	215	4.2	52.3	206	5.2
210	48.5	210	3.6	50.9	201	4.5
215	47.0	205	2.9	49.4	196	3.8
220	45.6	200	2.3	47.8	190	3.1
225				46.2	184	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 219  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 76 ft fixed jib</b>						
47	86.0	301	35.2			
50	85.5	301	34.7			
55	84.5	300	33.6			
60	83.8	299	30.9			
65	82.8	298	30.2			
67				86.0	290	24.2
70	81.8	297	29.5	85.6	290	24.0
75	80.8	296	28.8	84.6	289	23.2
80	79.8	295	28.2	83.5	287	22.6
85	78.8	293	27.7	82.5	286	22.2
90	77.8	292	27.2	81.5	285	21.5
95	76.8	291	26.8	80.5	283	20.9
100	75.8	289	26.4	79.4	281	20.3
105	74.7	287	26.1	78.4	280	19.9
110	73.7	285	25.8	77.3	278	19.5
115	72.7	284	25.5	76.2	276	19.0
120	71.6	281	24.8	75.2	274	18.5
125	70.6	279	22.8	74.1	272	18.1
130	69.5	277	21.0	73.0	269	17.7
135	68.5	275	19.4	71.9	267	17.4
140	67.4	272	17.9	70.8	264	17.1
145	66.3	270	16.4	69.7	262	16.8
150	65.2	267	15.1	68.5	259	16.5
155	64.1	264	13.9	67.4	256	15.7
160	63.0	261	12.7	66.2	253	14.5
165	61.8	258	11.6	65.1	250	13.3
170	60.7	255	10.6	63.9	246	12.2
175	59.5	252	9.6	62.7	243	11.2
180	58.3	248	8.7	61.4	239	10.3
185	57.1	244	7.8	60.2	235	9.3
190	55.9	241	7.0	58.9	231	8.4
195	54.7	237	6.2	57.6	227	7.6
200	53.4	232	5.4	56.3	223	6.7
205	52.1	228	4.7	55.0	218	5.9
210	50.8	223	4.1	53.6	213	5.2
215	49.5	219	3.4	52.2	208	4.5
220	48.1	213	2.8	50.7	203	3.8
225				49.3	198	3.1
230				47.7	192	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 85 ft fixed jib</b>			
74	86.0	298	19.7
75	85.9	298	19.7
80	84.9	296	19.1
85	83.9	295	18.5
90	82.9	294	18.1
95	81.9	292	17.7
100	80.9	291	17.2
105	79.9	289	16.8
110	78.9	287	16.4
115	77.9	285	16.1
120	76.8	283	15.8
125	75.8	281	15.5
130	74.7	279	15.1
135	73.7	276	14.9
140	72.6	274	14.6
145	71.5	271	14.4
150	70.4	269	14.2
155	69.3	266	13.9
160	68.2	263	13.7
165	67.1	260	13.5
170	65.9	257	13.0
175	64.8	253	11.9
180	63.6	250	10.9
185	62.4	246	10.0
190	61.2	242	9.0
195	60.0	238	8.2
200	58.7	234	7.3
205	57.5	230	6.5
210	56.2	225	5.8
215	54.8	221	5.0
220	53.5	216	4.3
225	52.1	210	3.7
230	50.6	205	3.0
235	49.2	199	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	60.5	68.8	114	47.4
70	62.0	114	54.3	66.1	111	45.1
75	59.3	110	49.0	63.2	107	43.1
80	56.4	107	44.6	60.3	104	41.5
85	53.5	103	40.7	57.3	100	40.0
90	50.4	98	37.3	54.1	95	38.1
95	47.2	94	34.2	50.7	90	34.9
100	44.5	89	31.7	47.9	85	32.3
105	40.9	83	29.3	44.1	79	29.8
110	36.9	76	27.1	39.9	72	27.5
115				35.1	63	25.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	41.6	63.3	112	32.5
90	55.4	111	38.1	60.5	108	32.2
95	52.6	107	35.1	57.6	103	31.0
100	50.3	103	32.5	54.5	98	29.9
105	47.2	98	30.1	51.2	93	29.0
110	43.9	92	27.9	47.8	87	28.2
115	40.4	86	25.9	44.0	80	26.4
120	36.6	78	24.0	39.8	72	24.5
125				35.0	62	22.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	28.7	54.2	101	22.4
115	46.5	101	26.7	51.0	95	21.8
120	43.4	95	24.8	47.6	88	21.2
125	40.0	88	23.1	43.9	81	20.9
130	36.2	80	21.6	39.7	72	20.6
135				34.9	61	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.7	43.8	81	16.4
140	35.9	82	19.4	39.6	72	16.2
145				34.8	60	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	67.1	74.2	138	52.4
65	68.4	138	59.7	72.0	135	50.1
70	66.2	136	53.4	69.8	133	48.1
75	63.9	133	48.2	67.5	130	46.0
80	61.6	131	43.7	65.1	127	44.2
85	59.3	127	39.8	62.7	124	41.0
90	56.9	124	36.4	60.2	121	37.4
95	54.4	120	33.4	57.6	117	34.3
100	52.3	117	30.9	55.5	113	31.7
105	49.7	112	28.4	52.8	109	29.2
110	46.9	107	26.3	49.8	104	26.9
115	43.9	102	24.3	46.8	98	24.8
120	40.8	96	22.5	43.5	91	22.9
125	37.4	89	20.8	39.9	84	21.2
130	33.8	81	19.3	36.0	76	19.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	49.2	71.3	140	35.1
80	64.9	141	44.7	69.1	137	33.8
85	62.8	139	40.7	67.3	135	32.9
90	60.6	135	37.3	65.1	132	32.6
95	58.3	132	34.2	62.7	128	32.3
100	56.5	129	31.7	60.3	125	32.0
105	54.1	125	29.3	57.8	120	30.2
110	51.6	121	27.1	55.2	116	27.9
115	49.0	116	25.1	52.5	111	25.8
120	46.3	111	23.2	49.7	105	23.9
125	43.4	105	21.6	46.7	99	22.2
130	40.4	98	20.0	43.4	92	20.5
135	37.1	91	18.6	39.9	85	19.0
140	33.5	83	17.3	36.0	76	17.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	60.0	141	32.5	64.5	136	25.3
105	57.8	137	30.0	62.3	132	24.5
110	55.6	133	27.8	59.9	128	23.8
115	53.3	129	25.8	57.5	123	23.1
120	50.9	124	24.0	55.0	118	22.5
125	48.4	119	22.3	52.3	113	21.9
130	45.7	114	20.8	49.5	107	21.4
135	43.0	108	19.3	46.6	100	19.9
140	40.0	101	18.0	43.3	93	18.5
145	36.8	93	16.8	39.8	85	17.2
150	33.3	85	15.6	35.9	75	15.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	24.6	59.5	131	18.4
125	52.5	133	22.9	57.2	126	17.9
130	50.2	128	21.3	54.7	121	17.5
135	47.8	122	19.9	52.1	115	17.1
140	45.2	117	18.6	49.4	109	16.7
145	42.5	110	17.3	46.4	102	16.4
150	39.6	103	16.2	43.2	94	16.3
155	36.5	95	15.1	39.7	85	15.5
160	33.1	86	14.0	35.8	74	14.4



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	17.9	51.9	117	14.0
150	44.7	119	16.7	49.2	110	13.8
155	42.1	113	15.7	46.3	103	13.6
160	39.3	105	14.6	43.1	94	13.5
165	36.2	97	13.7	39.7	85	13.4
170	32.8	87	12.7	35.7	74	13.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.1	46.1	104	11.3
170	38.9	107	13.2	43.0	95	11.3
175	35.9	99	12.3	39.6	85	11.2
180	32.6	89	11.5	35.6	73	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	66.5	76.2	158	54.7
65	71.0	159	59.0	74.3	156	52.2
70	69.1	157	52.8	72.3	154	50.1
75	67.2	154	47.5	70.4	151	48.5
80	65.2	152	43.0	68.3	149	44.5
85	63.2	149	39.1	66.3	146	40.4
90	61.2	146	35.7	64.2	143	36.9
95	59.6	144	32.9	62.1	140	33.8
100	57.4	140	30.2	60.4	137	31.2
105	55.2	137	27.8	58.1	133	28.7
110	53.0	133	25.6	55.8	129	26.4
115	50.7	129	23.6	53.4	125	24.3
120	48.3	124	21.8	50.9	120	22.5
125	45.7	119	20.2	48.3	115	20.7
130	43.1	113	18.7	45.6	109	19.2
135	40.3	107	17.3	42.6	102	17.7
140	37.3	100	16.0	39.5	95	16.3
145	34.1	93	14.7	36.1	87	15.0
150				32.3	78	13.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	53.8	75.4	163	37.8
75	69.7	165	48.5	73.5	161	36.3
80	67.9	162	44.0	71.7	158	35.2
85	66.0	160	40.0	69.7	156	34.1
90	64.1	157	36.6	68.2	154	32.9
95	62.2	154	33.5	66.2	151	32.6
100	60.7	152	31.0	64.2	147	32.3
105	58.7	149	28.6	62.1	144	29.7
110	56.6	145	26.4	60.0	140	27.4
115	54.5	141	24.4	57.8	136	25.3
120	52.3	137	22.6	55.6	132	23.4
125	50.1	132	20.9	53.2	127	21.7
130	47.7	127	19.4	50.8	122	20.1
135	45.3	122	18.0	48.2	116	18.6
140	42.7	116	16.6	45.5	110	17.2
145	40.0	110	15.4	42.6	103	15.9
150	37.1	102	14.3	39.5	96	14.7
155	33.9	94	13.2	36.1	87	13.5
160				32.2	77	12.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	37.4	71.4	163	28.4
95	65.0	165	34.4	69.6	161	27.5
100	63.5	163	31.8	67.7	158	26.5
105	61.7	160	29.3	65.7	154	25.7
110	59.8	157	27.1	63.8	151	24.9
115	57.8	153	25.1	61.7	147	24.3
120	55.8	149	23.3	59.7	143	23.7
125	53.8	145	21.6	57.5	139	22.6
130	51.7	141	20.1	55.3	134	21.0
135	49.5	136	18.7	53.0	129	19.5
140	47.2	131	17.3	50.6	124	18.1
145	44.8	125	16.1	48.1	118	16.8
150	42.3	119	15.0	45.4	111	15.5
155	39.6	112	13.9	42.5	104	14.4
160	36.8	104	12.9	39.4	96	13.3
165	33.7	96	11.9	36.0	86	12.2
170				32.1	75	11.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	27.7	67.1	162	20.4
115	60.8	165	25.7	65.3	158	19.7
120	58.9	161	23.9	63.3	154	19.2
125	57.0	157	22.2	61.4	150	18.7
130	55.1	153	20.6	59.3	146	18.3
135	53.1	149	19.2	57.2	142	17.9
140	51.0	144	17.9	55.1	137	17.5
145	48.9	139	16.7	52.8	131	17.1
150	46.7	134	15.5	50.4	125	16.3
155	44.4	128	14.4	47.9	119	15.1
160	41.9	121	13.4	45.3	112	14.0
165	39.3	114	12.5	42.4	104	13.0
170	36.5	106	11.6	39.3	96	12.0
175	33.5	98	10.7	35.9	86	11.0
180				32.0	74	10.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.2	62.9	158	15.5
135	56.3	161	19.8	61.0	154	15.2
140	54.4	157	18.4	59.0	149	14.9
145	52.5	153	17.2	57.0	144	14.6
150	50.5	148	16.1	54.8	139	14.3
155	48.4	142	15.0	52.6	133	14.0
160	46.2	137	14.0	50.3	127	13.8
165	43.9	130	13.0	47.8	120	13.6
170	41.5	124	12.1	45.2	113	12.7
175	39.0	116	11.3	42.4	105	11.8
180	36.3	108	10.4	39.3	96	10.8
185	33.3	99	9.7	35.8	85	10.0
190				31.8	72	9.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.4	56.7	147	12.2
160	49.9	151	14.4	54.6	141	11.9
165	47.9	145	13.4	52.4	135	11.7
170	45.7	139	12.5	50.1	129	11.5
175	43.5	133	11.7	47.7	122	11.4
180	41.2	126	10.9	45.1	114	11.3
185	38.7	118	10.1	42.3	105	10.6
190	36.0	110	9.4	39.2	96	9.8
195	33.1	100	8.6	35.7	84	9.0
200				31.6	71	8.1



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	65.7	77.8	178	56.8
65	73.2	180	58.2	76.1	177	54.3
70	71.5	178	51.9	74.4	175	52.1
75	69.8	176	46.6	72.7	173	48.5
80	68.1	174	42.1	70.9	171	43.8
85	66.4	171	38.2	69.2	168	39.7
90	64.6	169	34.8	67.4	166	36.1
95	63.2	167	31.9	65.9	163	33.2
100	61.4	164	29.2	64.1	160	30.4
105	59.5	161	26.8	62.2	157	27.9
110	57.7	157	24.6	60.3	154	25.6
115	55.7	154	22.7	58.3	150	23.6
120	53.7	150	20.9	56.2	146	21.7
125	51.7	146	19.2	54.1	142	20.0
130	49.6	142	17.7	52.0	138	18.4
135	47.4	137	16.3	49.7	133	16.9
140	45.2	132	15.0	47.4	127	15.6
145	42.8	126	13.8	44.9	121	14.3
150	40.3	120	12.7	42.4	115	13.1
155	37.7	113	11.7	39.6	108	12.0
160	34.9	106	10.7	36.7	100	11.0
165	31.9	98	9.7	33.4	91	10.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	59.4	78.6	186	40.4
70	73.5	188	53.0	77.0	184	39.0
75	71.9	186	47.7	75.4	182	37.6
80	70.3	184	43.1	73.7	180	36.3
85	68.7	182	39.1	72.1	178	35.2
90	67.0	179	35.7	70.4	175	34.4
95	65.7	177	32.8	68.6	173	33.4
100	64.0	175	30.1	67.3	170	31.5
105	62.3	172	27.6	65.5	167	29.0
110	60.5	169	25.4	63.7	164	26.7
115	58.7	165	23.4	61.8	161	24.6
120	56.9	162	21.6	59.9	157	22.7
125	55.0	158	20.0	58.0	153	20.9
130	53.1	154	18.4	56.0	149	19.3
135	51.1	150	17.0	54.0	144	17.8
140	49.1	145	15.7	51.8	140	16.4
145	47.0	140	14.5	49.6	134	15.1
150	44.8	135	13.4	47.3	129	13.9
155	42.5	129	12.3	44.9	123	12.8
160	40.0	122	11.3	42.3	116	11.8
165	37.5	115	10.4	39.6	108	10.7
170	34.7	108	9.5	36.6	100	9.8
175	31.7	99	8.6	33.4	91	8.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	40.1	75.0	187	30.3
90	69.2	190	36.6	73.4	185	29.3
95	67.6	188	33.5	71.8	183	28.4
100	66.4	186	30.9	70.2	180	27.7
105	64.8	183	28.4	68.5	177	26.8
110	63.1	180	26.2	66.8	174	26.1
115	61.4	177	24.2	65.1	171	25.4
120	59.7	174	22.4	63.3	168	23.7
125	58.0	170	20.7	61.5	164	21.9
130	56.2	166	19.1	59.6	160	20.2
135	54.4	162	17.7	57.7	156	18.7
140	52.5	158	16.4	55.8	152	17.3
145	50.6	153	15.2	53.8	147	16.0
150	48.6	148	14.0	51.7	142	14.8
155	46.5	143	13.0	49.5	136	13.7
160	44.4	138	12.0	47.2	130	12.6
165	42.1	131	11.0	44.8	124	11.6
170	39.7	125	10.1	42.3	116	10.6
175	37.2	117	9.3	39.5	108	9.7
180	34.5	109	8.5	36.6	100	8.8
185	31.6	100	7.7	33.3	90	8.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.6	72.8	190	22.5
105	67.0	194	29.1	71.3	187	21.9
110	65.4	191	26.9	69.7	184	21.3
115	63.9	188	24.8	68.0	181	20.6
120	62.3	185	23.0	66.4	178	20.0
125	60.6	182	21.3	64.7	175	19.5
130	59.0	178	19.7	62.9	171	19.0
135	57.3	174	18.3	61.2	167	18.6
140	55.5	170	17.0	59.3	163	18.1
145	53.8	166	15.7	57.5	159	16.8
150	51.9	162	14.6	55.6	154	15.5
155	50.0	157	13.5	53.6	149	14.4
160	48.1	152	12.5	51.5	144	13.3
165	46.1	146	11.6	49.4	138	12.3
170	44.0	140	10.7	47.1	131	11.3
175	41.8	134	9.8	44.7	124	10.4
180	39.4	127	9.0	42.2	117	9.5
185	36.9	119	8.3	39.5	109	8.7
190	34.3	111	7.5	36.5	99	7.8
195	31.4	102	6.8	33.2	88	7.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.6	69.1	189	16.9
125	63.0	193	21.9	67.6	185	16.4
130	61.5	190	20.3	65.9	182	16.0
135	59.9	186	18.9	64.3	178	15.7
140	58.3	183	17.5	62.6	175	15.3
145	56.6	179	16.3	60.8	170	15.1
150	54.9	174	15.1	59.1	166	14.8
155	53.2	170	14.1	57.2	161	14.5
160	51.4	165	13.1	55.3	156	14.0
165	49.5	160	12.1	53.4	151	13.0
170	47.6	155	11.2	51.3	145	12.0
175	45.6	149	10.4	49.2	139	11.1
180	43.6	143	9.6	47.0	133	10.2
185	41.4	136	8.8	44.6	125	9.4
190	39.1	129	8.1	42.1	117	8.6
195	36.7	121	7.4	39.4	109	7.8
200	34.1	113	6.7	36.4	99	7.0
205	31.2	103	6.1	33.1	87	6.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.0	65.5	186	13.3
145	59.2	191	16.8	63.9	182	13.1
150	57.6	187	15.6	62.2	178	12.8
155	56.0	183	14.5	60.5	173	12.6
160	54.3	178	13.5	58.8	169	12.4
165	52.6	174	12.5	57.0	164	12.2
170	50.9	169	11.6	55.1	159	12.0
175	49.1	164	10.8	53.2	153	11.7
180	47.2	158	10.0	51.2	147	10.8
185	45.2	152	9.2	49.1	141	10.0
190	43.2	146	8.5	46.9	134	9.2
195	41.1	139	7.8	44.5	126	8.4
200	38.8	131	7.1	42.0	118	7.6
205	36.5	123	6.5	39.3	109	6.9
210	33.9	114	5.9	36.3	98	6.2
215	31.1	104	5.3	33.0	86	5.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	65.0	79.0	198	57.4
65	74.8	199	57.5	77.5	196	55.6
70	73.3	198	51.2	75.9	195	53.4
75	71.8	196	45.9	74.4	193	47.9
80	70.3	194	41.4	72.8	191	43.2
85	68.7	192	37.4	71.3	189	39.1
90	67.2	190	34.0	69.7	186	35.5
95	65.9	188	31.2	68.4	185	32.6
100	64.3	185	28.5	66.8	182	29.8
105	62.7	183	26.0	65.1	179	27.2
110	61.0	180	23.9	63.5	176	25.0
115	59.4	177	21.9	61.7	173	22.9
120	57.7	173	20.1	60.0	170	21.0
125	55.9	170	18.4	58.2	166	19.3
130	54.1	166	16.9	56.4	162	17.7
135	52.3	162	15.5	54.5	158	16.3
140	50.4	158	14.3	52.6	154	14.9
145	48.5	153	13.1	50.6	149	13.7
150	46.5	148	12.0	48.5	144	12.5
155	44.4	143	10.9	46.4	138	11.4
160	42.2	137	9.9	44.1	133	10.4
165	40.0	131	9.0	41.8	126	9.4
170	37.6	124	8.2	39.3	119	8.5
175	35.1	117	7.3	36.7	111	7.6
180	32.4	109	6.6	33.8	103	6.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.4	81.1	206	42.6
65	76.5	209	58.7	79.7	205	41.1
70	75.1	208	52.4	78.2	203	39.9
75	73.6	206	47.0	76.8	202	38.6
80	72.2	204	42.4	75.3	200	37.3
85	70.7	202	38.4	73.8	198	36.2
90	69.2	200	34.9	72.3	196	35.2
95	68.1	198	32.1	70.8	193	33.6
100	66.5	196	29.3	69.5	191	30.9
105	65.0	193	26.9	68.0	189	28.4
110	63.5	191	24.7	66.4	186	26.0
115	61.9	188	22.7	64.8	183	23.9
120	60.3	185	20.8	63.1	180	22.0
125	58.6	181	19.2	61.4	176	20.3
130	57.0	178	17.6	59.7	173	18.7
135	55.3	174	16.2	58.0	169	17.2
140	53.5	170	14.9	56.2	165	15.8
145	51.8	166	13.7	54.3	161	14.5
150	49.9	161	12.6	52.4	156	13.3
155	48.0	157	11.5	50.5	151	12.2
160	46.1	151	10.6	48.4	145	11.2
165	44.0	146	9.6	46.3	140	10.2
170	41.9	140	8.8	44.1	133	9.2
175	39.7	133	7.9	41.8	127	8.4
180	37.4	127	7.2	39.3	119	7.5
185	34.9	119	6.4	36.6	111	6.7
190	32.2	110	5.7	33.7	102	5.9



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	43.4	77.9	209	32.2
85	72.5	212	39.4	76.4	207	31.2
90	71.1	210	35.9	75.0	205	30.1
95	70.0	209	33.0	73.5	203	29.2
100	68.6	206	30.2	72.1	201	28.4
105	67.1	204	27.7	70.6	198	27.8
110	65.6	201	25.5	69.1	196	27.0
115	64.2	199	23.4	67.5	193	25.0
120	62.6	196	21.6	66.0	190	23.1
125	61.1	193	19.9	64.4	187	21.3
130	59.6	189	18.4	62.8	183	19.6
135	58.0	186	16.9	61.1	180	18.1
140	56.3	182	15.6	59.5	176	16.7
145	54.7	178	14.4	57.7	172	15.4
150	53.0	174	13.3	56.0	167	14.2
155	51.2	170	12.2	54.2	163	13.1
160	49.4	165	11.2	52.3	158	12.0
165	47.6	160	10.3	50.3	153	11.0
170	45.7	154	9.4	48.3	147	10.0
175	43.7	149	8.6	46.2	141	9.1
180	41.6	142	7.8	44.0	134	8.3
185	39.4	136	7.0	41.7	127	7.5
190	37.2	129	6.3	39.2	119	6.7
195	34.7	121	5.6	36.6	111	5.9
200	32.1	112	5.0	33.7	101	5.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.5	75.8	213	23.8
100	70.4	217	30.9	74.4	210	23.1
105	69.0	214	28.4	73.0	208	22.4
110	67.6	212	26.1	71.5	206	21.9
115	66.2	209	24.1	70.1	203	21.4
120	64.8	207	22.2	68.6	200	20.8
125	63.4	204	20.5	67.1	197	20.2
130	61.9	201	19.0	65.6	194	19.7
135	60.4	197	17.5	64.0	190	18.9
140	58.9	194	16.2	62.5	187	17.5
145	57.3	190	15.0	60.8	183	16.2
150	55.7	186	13.8	59.2	179	14.9
155	54.1	182	12.7	57.5	175	13.8
160	52.4	178	11.7	55.8	170	12.7
165	50.7	173	10.8	54.0	165	11.7
170	49.0	168	9.9	52.1	160	10.7
175	47.2	163	9.1	50.2	154	9.8
180	45.3	157	8.3	48.2	148	9.0
185	43.4	151	7.5	46.1	142	8.1
190	41.3	145	6.8	44.0	135	7.3
195	39.2	138	6.1	41.7	128	6.6
200	36.9	131	5.5	39.2	119	5.9
205	34.5	122	4.9	36.5	110	5.2
210	31.9	113	4.3	33.6	100	4.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	24.8	72.5	213	17.8
120	66.8	217	22.9	71.0	210	17.4
125	65.4	215	21.2	69.6	207	17.0
130	64.0	212	19.6	68.2	204	16.6
135	62.6	209	18.1	66.7	201	16.2
140	61.2	205	16.8	65.2	197	15.8
145	59.7	202	15.5	63.7	194	15.5
150	58.2	198	14.4	62.1	190	15.2
155	56.7	194	13.3	60.6	186	14.5
160	55.1	190	12.3	58.9	182	13.5
165	53.6	186	11.3	57.3	177	12.4
170	51.9	181	10.4	55.6	172	11.4
175	50.3	177	9.6	53.8	167	10.5
180	48.5	172	8.8	52.0	162	9.7
185	46.8	166	8.0	50.1	156	8.8
190	44.9	160	7.3	48.1	150	8.0
195	43.0	154	6.6	46.1	143	7.3
200	41.0	147	6.0	43.9	136	6.6
205	38.9	140	5.4	41.6	128	5.9
210	36.7	132	4.8	39.1	119	5.2
215	34.3	124	4.2	36.5	110	4.5
220	31.8	114	3.6	33.5	99	3.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	18.6	69.2	211	14.0
140	63.2	217	17.3	67.8	208	13.7
145	61.9	214	16.0	66.3	205	13.4
150	60.5	210	14.8	64.9	201	13.1
155	59.0	206	13.7	63.4	197	12.9
160	57.6	203	12.7	61.8	193	12.6
165	56.1	199	11.8	60.3	189	12.5
170	54.6	194	10.9	58.7	185	12.1
175	53.0	190	10.0	57.0	180	11.1
180	51.4	185	9.2	55.4	175	10.2
185	49.8	180	8.5	53.6	169	9.4
190	48.1	175	7.7	51.8	164	8.6
195	46.4	169	7.1	49.9	158	7.9
200	44.6	163	6.4	48.0	151	7.1
205	42.7	157	5.8	46.0	144	6.4
210	40.7	150	5.2	43.8	137	5.7
215	38.7	142	4.6	41.5	128	5.1
220	36.5	134	4.0	39.1	119	4.5
225	34.1	125	3.5	36.4	109	3.8
230	31.6	116	3.0	33.4	98	3.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	64.3	80.0	218	58.6
65	76.2	220	56.7	78.6	217	56.8
70	74.8	218	50.4	77.3	215	52.8
75	73.5	217	45.0	75.9	214	47.2
80	72.1	215	40.5	74.5	212	42.5
85	70.7	213	36.5	73.1	210	38.3
90	69.3	211	33.1	71.7	208	34.7
95	68.2	210	30.2	70.5	206	31.8
100	66.8	207	27.5	69.1	204	29.0
105	65.3	205	25.1	67.6	201	26.4
110	63.9	202	22.9	66.1	199	24.1
115	62.4	200	20.9	64.6	196	22.1
120	60.9	197	19.1	63.1	193	20.2
125	59.4	194	17.5	61.5	190	18.5
130	57.8	190	15.9	59.9	187	16.9
135	56.2	187	14.5	58.3	183	15.4
140	54.6	183	13.3	56.7	179	14.1
145	53.0	179	12.1	55.0	175	12.8
150	51.3	175	11.0	53.3	171	11.6
155	49.6	171	9.9	51.5	167	10.5
160	47.8	166	8.9	49.7	162	9.5
165	45.9	161	8.0	47.8	157	8.6
170	44.0	156	7.2	45.8	151	7.6
175	42.1	150	6.4	43.8	145	6.8
180	40.0	144	5.6	41.7	139	6.0
185	37.9	137	4.9	39.4	132	5.2
190	35.6	130	4.2	37.0	124	4.5
195	33.2	122	3.5	34.5	116	3.8
200	30.6	114	2.9	31.8	107	3.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	65.7	81.9	227	43.5
65	77.7	230	58.0	80.6	225	41.9
70	76.4	228	51.6	79.3	224	40.5
75	75.1	227	46.2	78.0	222	39.5
80	73.8	225	41.5	76.6	221	38.3
85	72.4	223	37.5	75.3	219	37.1
90	71.1	221	34.0	73.9	217	36.1
95	70.1	220	31.2	72.9	215	33.1
100	68.7	218	28.4	71.5	213	30.2
105	67.3	215	25.9	70.1	211	27.6
110	65.9	213	23.7	68.7	208	25.3
115	64.5	210	21.7	67.2	206	23.2
120	63.1	208	19.9	65.8	203	21.2
125	61.7	205	18.2	64.3	200	19.5
130	60.2	202	16.7	62.8	197	17.8
135	58.7	198	15.3	61.3	193	16.4
140	57.2	195	13.9	59.7	190	15.0
145	55.7	191	12.7	58.1	186	13.7
150	54.1	187	11.6	56.5	182	12.5
155	52.5	183	10.6	54.8	178	11.4
160	50.8	179	9.6	53.1	173	10.3
165	49.1	174	8.7	51.4	169	9.3
170	47.4	169	7.8	49.6	163	8.4
175	45.6	164	7.0	47.7	158	7.5
180	43.7	159	6.2	45.8	152	6.7
185	41.8	153	5.5	43.7	146	5.9
190	39.8	146	4.8	41.6	139	5.2
195	37.7	139	4.1	39.4	132	4.4
200	35.4	132	3.5	37.0	124	3.8
205	33.0	124	2.9	34.5	116	3.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	42.6	78.9	230	32.2
85	74.0	233	38.6	77.6	228	32.0
90	72.7	231	35.0	76.3	226	30.9
95	71.7	230	32.1	75.0	225	30.0
100	70.4	228	29.3	73.7	222	29.2
105	69.1	226	26.8	72.4	220	28.5
110	67.8	223	24.6	71.0	218	26.4
115	66.5	221	22.5	69.6	215	24.3
120	65.1	218	20.7	68.2	213	22.3
125	63.8	216	19.0	66.8	210	20.5
130	62.4	213	17.4	65.4	207	18.9
135	61.0	210	16.0	64.0	204	17.3
140	59.5	206	14.7	62.5	200	15.9
145	58.1	203	13.4	61.0	197	14.6
150	56.6	199	12.3	59.5	193	13.4
155	55.1	195	11.2	57.9	189	12.3
160	53.6	191	10.2	56.3	185	11.2
165	52.0	187	9.3	54.7	180	10.2
170	50.4	182	8.4	53.0	175	9.2
175	48.7	178	7.6	51.3	170	8.3
180	47.0	173	6.8	49.5	165	7.5
185	45.2	167	6.1	47.6	159	6.7
190	43.4	161	5.4	45.7	153	5.9
195	41.5	155	4.7	43.7	147	5.2
200	39.5	149	4.1	41.6	140	4.5
205	37.4	141	3.5	39.4	132	3.8
210	35.2	134	2.9	37.0	124	3.2
215	32.9	125	2.3	34.4	115	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.3	240	32.9	77.0	234	24.4
100	72.1	238	30.1	75.8	232	23.7
105	70.8	236	27.5	74.5	230	23.0
110	69.5	234	25.3	73.2	227	22.4
115	68.3	231	23.2	71.9	225	21.9
120	67.0	229	21.3	70.5	222	21.5
125	65.7	226	19.6	69.2	220	21.0
130	64.4	224	18.0	67.8	217	19.7
135	63.0	221	16.6	66.5	214	18.2
140	61.7	218	15.3	65.1	210	16.8
145	60.3	214	14.0	63.6	207	15.4
150	58.9	211	12.9	62.2	204	14.2
155	57.5	207	11.8	60.7	200	13.0
160	56.0	203	10.8	59.2	196	11.9
165	54.6	199	9.8	57.7	192	10.9
170	53.1	195	8.9	56.1	187	9.9
175	51.5	191	8.1	54.5	183	9.0
180	49.9	186	7.3	52.8	178	8.2
185	48.3	181	6.6	51.1	172	7.4
190	46.6	176	5.9	49.4	167	6.6
195	44.9	170	5.2	47.5	161	5.8
200	43.1	164	4.5	45.6	154	5.1
205	41.2	158	3.9	43.6	148	4.5
210	39.3	151	3.3	41.5	140	3.8
215	37.2	144	2.8	39.3	132	3.2
220	35.1	136	2.2	36.9	124	2.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.0	75.2	237	18.7
115	69.9	242	23.9	74.0	234	18.2
120	68.7	240	22.0	72.7	232	17.8
125	67.5	237	20.3	71.4	229	17.4
130	66.2	234	18.7	70.1	227	17.1
135	64.9	232	17.2	68.8	224	16.7
140	63.6	229	15.9	67.5	221	16.3
145	62.3	226	14.6	66.1	218	16.0
150	61.0	222	13.5	64.7	214	15.0
155	59.7	219	12.4	63.3	211	13.8
160	58.3	215	11.4	61.9	207	12.7
165	56.9	212	10.4	60.5	203	11.7
170	55.5	208	9.5	59.0	199	10.7
175	54.1	203	8.7	57.5	194	9.8
180	52.6	199	7.9	55.9	190	8.9
185	51.1	194	7.1	54.3	185	8.1
190	49.5	189	6.4	52.7	180	7.3
195	47.9	184	5.7	51.0	174	6.5
200	46.3	179	5.1	49.2	168	5.8
205	44.6	173	4.4	47.4	162	5.1
210	42.8	167	3.9	45.5	156	4.5
215	41.0	160	3.3	43.6	148	3.8
220	39.0	153	2.7	41.5	141	3.2
225				39.2	132	2.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.2	72.2	237	14.6
135	66.7	242	17.8	71.0	234	14.4
140	65.5	240	16.4	69.7	231	14.1
145	64.2	237	15.1	68.4	228	13.8
150	63.0	234	13.9	67.1	225	13.5
155	61.7	230	12.8	65.8	221	13.3
160	60.4	227	11.8	64.4	218	13.0
165	59.1	223	10.9	63.0	214	12.3
170	57.7	220	9.9	61.6	210	11.3
175	56.4	216	9.1	60.2	206	10.4
180	55.0	212	8.3	58.7	202	9.5
185	53.6	207	7.5	57.3	197	8.7
190	52.1	203	6.8	55.7	192	7.9
195	50.6	198	6.1	54.2	187	7.1
200	49.1	193	5.5	52.5	182	6.4
205	47.5	187	4.8	50.9	176	5.7
210	45.9	182	4.3	49.1	170	5.0
215	44.2	176	3.7	47.3	163	4.4
220	42.5	169	3.1	45.5	157	3.8
225	40.7	162	2.5	43.5	149	3.2
230				41.4	141	2.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	62.5	80.8	237	56.5
65	77.3	239	55.5	79.6	236	55.9
70	76.1	238	49.6	78.3	235	52.2
75	74.8	236	44.3	77.0	233	46.6
80	73.6	235	39.7	75.8	232	41.8
85	72.3	233	35.7	74.5	230	37.7
90	71.3	232	32.5	73.2	228	34.1
95	70.0	230	29.4	72.2	226	31.1
100	68.7	228	26.7	70.9	224	28.3
105	67.4	226	24.3	69.5	222	25.7
110	66.1	223	22.1	68.2	220	23.4
115	64.8	221	20.1	66.8	217	21.4
120	63.4	218	18.3	65.5	215	19.5
125	62.0	215	16.6	64.1	212	17.7
130	60.7	212	15.1	62.7	209	16.1
135	59.2	209	13.7	61.2	206	14.7
140	57.8	206	12.4	59.8	202	13.3
145	56.4	203	11.2	58.3	199	12.1
150	54.9	199	10.1	56.8	195	10.9
155	53.4	195	9.1	55.2	191	9.8
160	51.8	191	8.1	53.6	187	8.8
165	50.2	187	7.2	52.0	183	7.8
170	48.6	182	6.3	50.4	178	6.9
175	47.0	177	5.5	48.7	173	6.1
180	45.3	172	4.7	46.9	168	5.3
185	43.5	167	4.0	45.1	162	4.5
190	41.7	161	3.3	43.2	156	3.7
195	39.8	155	2.6	41.2	150	3.0
200				39.2	143	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	56.5	81.4	245	42.4
70	77.4	248	50.6	80.2	243	41.1
75	76.2	246	45.4	78.9	242	39.9
80	75.0	245	40.8	77.7	240	39.0
85	73.8	243	36.8	76.5	239	38.0
90	72.6	241	33.3	75.2	237	35.5
95	71.6	240	30.4	74.3	235	32.5
100	70.4	238	27.6	73.0	233	29.6
105	69.1	236	25.1	71.7	231	27.0
110	67.9	234	22.9	70.4	229	24.6
115	66.6	231	20.9	69.1	227	22.5
120	65.3	229	19.1	67.8	224	20.6
125	64.0	226	17.4	66.5	221	18.8
130	62.7	223	15.8	65.1	219	17.2
135	61.4	220	14.4	63.8	216	15.7
140	60.0	217	13.1	62.4	212	14.3
145	58.6	214	11.9	61.0	209	13.0
150	57.2	211	10.8	59.5	206	11.8
155	55.8	207	9.7	58.1	202	10.7
160	54.4	203	8.7	56.6	198	9.6
165	52.9	199	7.8	55.1	194	8.6
170	51.4	195	7.0	53.5	189	7.7
175	49.8	190	6.1	51.9	185	6.8
180	48.2	186	5.3	50.3	180	6.0
185	46.6	181	4.5	48.6	175	5.2
190	44.9	175	3.8	46.9	169	4.4
195	43.2	170	3.1	45.1	163	3.7
200	41.4	164	2.4	43.2	157	3.0
205				41.2	150	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	41.9	79.8	249	32.3
85	75.2	253	37.8	78.6	248	32.0
90	74.1	251	34.3	77.4	246	31.6
95	73.1	250	31.4	76.2	244	30.7
100	71.9	248	28.6	75.0	243	29.8
105	70.7	246	26.0	73.8	240	28.2
110	69.5	244	23.8	72.5	238	25.8
115	68.3	242	21.7	71.3	236	23.7
120	67.1	239	19.9	70.0	234	21.7
125	65.9	237	18.2	68.7	231	19.9
130	64.6	234	16.6	67.5	228	18.2
135	63.3	231	15.2	66.1	225	16.7
140	62.0	228	13.9	64.8	222	15.3
145	60.7	225	12.6	63.5	219	13.9
150	59.4	222	11.5	62.1	216	12.7
155	58.1	219	10.4	60.7	212	11.6
160	56.7	215	9.4	59.3	209	10.5
165	55.3	211	8.5	57.9	205	9.5
170	53.9	207	7.6	56.4	201	8.5
175	52.4	203	6.7	54.9	196	7.7
180	51.0	199	5.9	53.4	192	6.8
185	49.4	194	5.1	51.8	187	6.0
190	47.9	189	4.4	50.2	182	5.2
195	46.3	184	3.7	48.5	176	4.5
200	44.6	178	3.0	46.8	170	3.7
205	42.9	173	2.4	45.0	164	3.0
210				43.1	158	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.1	79.2	255	25.4
95	74.5	260	32.2	78.0	253	24.8
100	73.4	258	29.4	76.8	252	24.2
105	72.2	256	26.8	75.7	250	23.5
110	71.1	254	24.5	74.5	248	22.9
115	69.9	252	22.4	73.3	245	22.4
120	68.7	250	20.6	72.1	243	21.9
125	67.5	247	18.8	70.8	241	20.8
130	66.3	245	17.3	69.6	238	19.1
135	65.1	242	15.8	68.4	235	17.6
140	63.9	239	14.5	67.1	232	16.1
145	62.7	236	13.2	65.8	229	14.8
150	61.4	233	12.1	64.5	226	13.5
155	60.1	230	11.0	63.2	223	12.4
160	58.8	227	10.0	61.9	219	11.3
165	57.5	223	9.0	60.5	215	10.2
170	56.2	219	8.1	59.1	212	9.3
175	54.8	215	7.2	57.7	207	8.4
180	53.4	211	6.4	56.2	203	7.5
185	52.0	207	5.6	54.8	199	6.7
190	50.5	202	4.8	53.2	194	5.9
195	49.0	197	4.1	51.7	189	5.1
200	47.5	192	3.5	50.1	183	4.4
205	45.9	187	2.8	48.4	178	3.7
210	44.3	181	2.2	46.7	172	3.0
215				44.9	165	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.3	76.3	257	19.1
115	71.4	262	23.2	75.2	255	18.6
120	70.2	260	21.3	74.0	253	18.2
125	69.1	258	19.5	72.8	250	17.8
130	68.0	255	17.9	71.6	248	17.4
135	66.8	253	16.5	70.4	245	17.1
140	65.6	250	15.1	69.2	242	16.8
145	64.4	247	13.8	68.0	239	15.6
150	63.2	244	12.7	66.8	236	14.4
155	62.0	241	11.6	65.5	233	13.2
160	60.8	238	10.5	64.2	230	12.1
165	59.5	235	9.5	62.9	226	11.0
170	58.3	231	8.6	61.6	222	10.0
175	57.0	227	7.7	60.3	219	9.1
180	55.7	223	6.9	58.9	214	8.2
185	54.3	219	6.1	57.5	210	7.4
190	53.0	215	5.4	56.1	206	6.6
195	51.6	210	4.6	54.6	201	5.8
200	50.1	206	4.0	53.1	196	5.1
205	48.7	201	3.3	51.5	191	4.3
210	47.2	195	2.7	50.0	185	3.6
215				48.3	179	3.0
220				46.6	173	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.1	74.7	260	15.2
130	69.5	266	18.5	73.5	257	14.9
135	68.4	263	17.0	72.4	255	14.6
140	67.2	261	15.6	71.2	252	14.4
145	66.1	258	14.4	70.0	249	14.2
150	64.9	255	13.1	68.9	246	13.9
155	63.8	252	12.0	67.6	243	13.6
160	62.6	249	10.9	66.4	240	12.8
165	61.4	246	9.9	65.2	237	11.7
170	60.2	243	9.0	63.9	233	10.7
175	59.0	239	8.1	62.6	230	9.8
180	57.7	235	7.3	61.3	226	8.9
185	56.5	232	6.5	60.0	222	8.0
190	55.2	227	5.7	58.7	217	7.2
195	53.9	223	5.0	57.3	213	6.4
200	52.5	219	4.3	55.9	208	5.6
205	51.1	214	3.7	54.4	203	4.9
210	49.7	209	3.1	52.9	198	4.2
215	48.3	204	2.5	51.4	193	3.5
220				49.9	187	2.9
225				48.2	181	2.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 36

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>			
40	86.0	261	53.9
45	85.0	260	53.7
50	83.8	259	53.5
55	82.7	258	53.3
60	81.5	257	52.9
65	80.4	256	52.6
70	79.2	255	50.6
75	78.1	254	45.3
80	76.9	252	40.8
85	75.7	251	36.8
90	74.5	249	33.2
95	73.6	247	30.4
100	72.4	246	27.5
105	71.2	244	24.9
110	70.0	241	22.6
115	68.8	239	20.5
120	67.5	237	18.6
125	66.3	234	16.8
130	65.0	232	15.2
135	63.7	229	13.7
140	62.4	226	12.3
145	61.1	223	11.0
150	59.7	219	9.8
155	58.4	216	8.6
160	57.0	212	7.6
165	55.6	208	6.6
170	54.1	204	5.6
175	52.7	200	4.7
180	51.2	196	3.9
185	49.6	191	3.1
190	48.0	186	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	66.4	74.1	119	52.4
60	67.3	119	58.3	71.5	116	49.9
65	64.7	116	51.8	68.8	114	47.4
70	62.0	114	46.3	66.1	111	45.1
75	59.3	110	41.7	63.2	107	42.9
80	56.4	107	37.8	60.3	104	38.8
85	53.5	103	34.3	57.3	100	35.3
90	51.1	99	31.5	54.8	96	32.3
95	47.9	95	28.8	51.5	91	29.6
100	44.5	89	26.4	47.9	85	27.1
105	40.9	83	24.3	44.1	79	24.8
110	36.9	76	22.3	39.9	72	22.7
115				35.1	63	20.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	52.8	73.1	123	36.4
70	65.7	125	47.3	70.6	121	34.9
75	63.3	122	42.7	68.0	118	33.4
80	60.7	118	38.7	66.0	115	32.8
85	58.1	115	35.2	63.3	112	32.5
90	56.0	112	32.4	60.5	108	32.2
95	53.2	108	29.7	57.6	103	30.7
100	50.3	103	27.3	54.5	98	28.1
105	47.2	98	25.1	51.2	93	25.9
110	43.9	92	23.2	47.8	87	23.8
115	40.4	86	21.4	44.0	80	21.9
120	36.6	78	19.7	39.8	72	20.2
125				35.0	62	18.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	60.1	124	33.1	65.3	119	25.6
95	57.6	120	30.5	62.7	115	24.6
100	55.0	116	28.1	60.0	111	23.8
105	52.3	112	25.9	57.2	106	23.1
110	49.5	107	24.0	54.2	101	22.4
115	46.5	101	22.2	51.0	95	21.8
120	43.4	95	20.5	47.6	88	21.2
125	40.0	88	19.0	43.9	81	19.6
130	36.2	80	17.6	39.7	72	18.1
135				34.9	61	16.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	24.6	59.6	114	18.5
115	51.5	115	22.8	56.8	108	17.9
120	48.8	110	21.1	53.9	103	17.4
125	45.9	104	19.6	50.8	97	17.0
130	42.8	98	18.2	47.4	89	16.6
135	39.5	90	17.0	43.8	81	16.4
140	35.9	82	15.8	39.6	72	16.2
145				34.8	60	14.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.5	50.5	98	13.9
140	42.3	100	16.3	47.3	91	13.7
145	39.1	92	15.2	43.6	82	13.5
150	35.5	84	14.2	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	13.7	43.5	83	11.3
160	35.2	85	12.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	65.6	76.4	140	55.3
60	70.6	141	57.6	74.2	138	52.4
65	68.4	138	51.0	72.0	135	50.1
70	66.2	136	45.5	69.8	133	47.1
75	63.9	133	40.9	67.5	130	42.3
80	61.6	131	36.9	65.1	127	38.2
85	59.3	127	33.5	62.7	124	34.6
90	57.4	125	30.7	60.7	121	31.7
95	54.9	121	28.0	58.2	117	28.9
100	52.3	117	25.6	55.5	113	26.4
105	49.7	112	23.5	52.8	109	24.2
110	46.9	107	21.5	49.8	104	22.2
115	43.9	102	19.8	46.8	98	20.3
120	40.8	96	18.2	43.5	91	18.6
125	37.4	89	16.7	39.9	84	17.1
130	33.8	81	15.3	36.0	76	15.6



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	58.7	77.6	147	40.0
65	71.2	149	52.1	75.5	145	38.1
70	69.1	147	46.6	73.4	143	36.4
75	67.0	144	41.9	71.3	140	35.1
80	64.9	141	37.9	69.1	137	33.8
85	62.8	139	34.4	67.3	135	32.9
90	61.0	136	31.5	65.1	132	32.6
95	58.8	133	28.8	62.7	128	30.0
100	56.5	129	26.4	60.3	125	27.5
105	54.1	125	24.3	57.8	120	25.3
110	51.6	121	22.3	55.2	116	23.2
115	49.0	116	20.6	52.5	111	21.3
120	46.3	111	18.9	49.7	105	19.6
125	43.4	105	17.5	46.7	99	18.1
130	40.4	98	16.1	43.4	92	16.6
135	37.1	91	14.8	39.9	85	15.2
140	33.5	83	13.6	36.0	76	13.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	38.8	73.1	148	29.3
85	65.8	150	35.3	71.0	145	28.3
90	64.2	147	32.4	68.9	142	27.2
95	62.1	144	29.7	66.8	139	26.2
100	60.0	141	27.2	64.5	136	25.3
105	57.8	137	25.1	62.3	132	24.5
110	55.6	133	23.1	59.9	128	23.8
115	53.3	129	21.3	57.5	123	22.3
120	50.9	124	19.7	55.0	118	20.6
125	48.4	119	18.2	52.3	113	19.0
130	45.7	114	16.8	49.5	107	17.5
135	43.0	108	15.6	46.6	100	16.2
140	40.0	101	14.4	43.3	93	14.9
145	36.8	93	13.3	39.8	85	13.7
150	33.3	85	12.2	35.9	75	12.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	27.9	68.3	146	20.9
105	61.1	149	25.7	66.2	143	20.1
110	59.1	145	23.7	64.0	139	19.5
115	57.0	141	21.9	61.8	135	18.9
120	54.8	137	20.3	59.5	131	18.4
125	52.5	133	18.8	57.2	126	17.9
130	50.2	128	17.4	54.7	121	17.5
135	47.8	122	16.1	52.1	115	17.0
140	45.2	117	14.9	49.4	109	15.7
145	42.5	110	13.8	46.4	102	14.5
150	39.6	103	12.8	43.2	94	13.3
155	36.5	95	11.8	39.7	85	12.2
160	33.1	86	10.9	35.8	74	11.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.5	65.7	146	16.1
120	58.2	150	20.9	63.6	142	15.6
125	56.1	146	19.4	61.4	138	15.2
130	54.0	141	18.0	59.2	133	14.9
135	51.8	136	16.7	56.9	128	14.6
140	49.6	131	15.5	54.4	123	14.3
145	47.2	126	14.4	51.9	117	14.0
150	44.7	119	13.4	49.2	110	13.8
155	42.1	113	12.4	46.3	103	13.0
160	39.3	105	11.5	43.1	94	12.0
165	36.2	97	10.6	39.7	85	11.0
170	32.8	87	9.8	35.7	74	10.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	15.9	58.8	136	12.4
145	51.2	140	14.8	56.6	131	12.2
150	49.0	134	13.8	54.2	125	11.9
155	46.7	129	12.8	51.7	119	11.7
160	44.2	122	11.9	49.0	111	11.5
165	41.7	115	11.1	46.1	104	11.3
170	38.9	107	10.2	43.0	95	10.8
175	35.9	99	9.5	39.6	85	9.9
180	32.6	89	8.7	35.6	73	9.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	65.0	78.1	159	57.5
60	72.9	161	56.9	76.2	158	54.7
65	71.0	159	50.3	74.3	156	52.2
70	69.1	157	44.9	72.3	154	46.6
75	67.2	154	40.2	70.4	151	41.8
80	65.2	152	36.2	68.3	149	37.7
85	63.7	150	33.0	66.3	146	34.1
90	61.6	147	30.0	64.7	144	31.2
95	59.6	144	27.3	62.5	140	28.4
100	57.4	140	24.9	60.4	137	25.9
105	55.2	137	22.8	58.1	133	23.7
110	53.0	133	20.9	55.8	129	21.7
115	50.7	129	19.1	53.4	125	19.8
120	48.3	124	17.5	50.9	120	18.2
125	45.7	119	16.1	48.3	115	16.6
130	43.1	113	14.7	45.6	109	15.2
135	40.3	107	13.5	42.6	102	13.9
140	37.3	100	12.3	39.5	95	12.7
145	34.1	93	11.2	36.1	87	11.5
150				32.3	78	10.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	58.2	79.0	167	41.0
65	73.3	169	51.5	77.2	165	39.4
70	71.5	167	45.9	75.4	163	37.8
75	69.7	165	41.2	73.5	161	36.3
80	67.9	162	37.2	71.7	158	35.2
85	66.0	160	33.7	69.7	156	34.1
90	64.6	158	30.8	68.2	154	32.4
95	62.6	155	28.1	66.2	151	29.5
100	60.7	152	25.7	64.2	147	27.0
105	58.7	149	23.6	62.1	144	24.7
110	56.6	145	21.6	60.0	140	22.7
115	54.5	141	19.9	57.8	136	20.8
120	52.3	137	18.3	55.6	132	19.1
125	50.1	132	16.8	53.2	127	17.6
130	47.7	127	15.4	50.8	122	16.1
135	45.3	122	14.2	48.2	116	14.8
140	42.7	116	13.0	45.5	110	13.5
145	40.0	110	11.9	42.6	103	12.4
150	37.1	102	10.9	39.5	96	11.3
155	33.9	94	9.9	36.1	87	10.2
160				32.2	77	9.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	42.2	76.8	171	31.8
80	70.3	173	38.1	75.0	168	30.4
85	68.5	171	34.6	73.2	166	29.3
90	67.1	169	31.7	71.4	163	28.4
95	65.3	166	29.0	69.6	161	27.5
100	63.5	163	26.5	67.7	158	26.5
105	61.7	160	24.4	65.7	154	25.7
110	59.8	157	22.4	63.8	151	23.7
115	57.8	153	20.6	61.7	147	21.8
120	55.8	149	19.0	59.7	143	20.1
125	53.8	145	17.5	57.5	139	18.5
130	51.7	141	16.1	55.3	134	17.0
135	49.5	136	14.9	53.0	129	15.7
140	47.2	131	13.7	50.6	124	14.4
145	44.8	125	12.6	48.1	118	13.3
150	42.3	119	11.6	45.4	111	12.2
155	39.6	112	10.6	42.5	104	11.1
160	36.8	104	9.7	39.4	96	10.1
165	33.7	96	8.9	36.0	86	9.2
170				32.1	75	8.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.4	74.3	173	23.2
95	67.8	177	29.6	72.6	171	22.5
100	66.1	174	27.2	70.8	168	21.8
105	64.3	171	25.0	69.0	165	21.1
110	62.6	168	23.0	67.1	162	20.4
115	60.8	165	21.2	65.3	158	19.7
120	58.9	161	19.6	63.3	154	19.2
125	57.0	157	18.1	61.4	150	18.7
130	55.1	153	16.7	59.3	146	17.8
135	53.1	149	15.4	57.2	142	16.5
140	51.0	144	14.3	55.1	137	15.2
145	48.9	139	13.2	52.8	131	14.0
150	46.7	134	12.1	50.4	125	12.9
155	44.4	128	11.2	47.9	119	11.8
160	41.9	121	10.3	45.3	112	10.9
165	39.3	114	9.4	42.4	104	9.9
170	36.5	106	8.6	39.3	96	9.0
175	33.5	98	7.8	35.9	86	8.1
180				32.0	74	7.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	23.6	70.2	172	17.4
115	63.4	176	21.8	68.4	169	16.8
120	61.7	173	20.2	66.6	166	16.3
125	59.9	169	18.7	64.8	162	15.9
130	58.1	165	17.3	62.9	158	15.5
135	56.3	161	16.0	61.0	154	15.2
140	54.4	157	14.8	59.0	149	14.9
145	52.5	153	13.7	57.0	144	14.6
150	50.5	148	12.7	54.8	139	13.6
155	48.4	142	11.7	52.6	133	12.6
160	46.2	137	10.8	50.3	127	11.6
165	43.9	130	10.0	47.8	120	10.6
170	41.5	124	9.2	45.2	113	9.8
175	39.0	116	8.4	42.4	105	8.9
180	36.3	108	7.7	39.3	96	8.1
185	33.3	99	7.0	35.8	85	7.3
190				31.8	72	6.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	17.7	66.2	169	13.5
135	59.1	174	16.4	64.4	165	13.2
140	57.4	170	15.2	62.5	161	12.9
145	55.6	165	14.1	60.7	157	12.7
150	53.8	161	13.1	58.7	152	12.4
155	51.9	156	12.1	56.7	147	12.2
160	49.9	151	11.2	54.6	141	11.9
165	47.9	145	10.4	52.4	135	11.3
170	45.7	139	9.6	50.1	129	10.4
175	43.5	133	8.8	47.7	122	9.5
180	41.2	126	8.1	45.1	114	8.7
185	38.7	118	7.4	42.3	105	7.9
190	36.0	110	6.7	39.2	96	7.2
195	33.1	100	6.1	35.7	84	6.4
200				31.6	71	5.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	64.3	79.4	180	58.8
60	74.8	181	56.2	77.8	178	56.8
65	73.2	180	49.5	76.1	177	51.8
70	71.5	178	44.0	74.4	175	46.0
75	69.8	176	39.3	72.7	173	41.1
80	68.1	174	35.3	70.9	171	37.0
85	66.7	172	32.1	69.2	168	33.4
90	65.0	169	29.1	67.7	166	30.4
95	63.2	167	26.4	65.9	163	27.6
100	61.4	164	24.0	64.1	160	25.1
105	59.5	161	21.8	62.2	157	22.9
110	57.7	157	19.9	60.3	154	20.9
115	55.7	154	18.2	58.3	150	19.0
120	53.7	150	16.6	56.2	146	17.4
125	51.7	146	15.1	54.1	142	15.9
130	49.6	142	13.8	52.0	138	14.4
135	47.4	137	12.5	49.7	133	13.1
140	45.2	132	11.4	47.4	127	11.9
145	42.8	126	10.3	44.9	121	10.8
150	40.3	120	9.3	42.4	115	9.7
155	37.7	113	8.4	39.6	108	8.7
160	34.9	106	7.5	36.7	100	7.8
165	31.9	98	6.7	33.4	91	6.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	65.7	81.8	189	43.7
60	76.7	191	57.4	80.2	187	41.9
65	75.1	190	50.7	78.6	186	40.4
70	73.5	188	45.1	77.0	184	39.0
75	71.9	186	40.4	75.4	182	37.6
80	70.3	184	36.3	73.7	180	36.3
85	69.0	182	33.0	72.1	178	34.7
90	67.4	180	30.0	70.7	176	31.7
95	65.7	177	27.2	69.0	173	28.8
100	64.0	175	24.8	67.3	170	26.3
105	62.3	172	22.6	65.5	167	24.0
110	60.5	169	20.7	63.7	164	21.9
115	58.7	165	18.9	61.8	161	20.1
120	56.9	162	17.3	59.9	157	18.4
125	55.0	158	15.8	58.0	153	16.8
130	53.1	154	14.5	56.0	149	15.4
135	51.1	150	13.2	54.0	144	14.0
140	49.1	145	12.1	51.8	140	12.8
145	47.0	140	11.0	49.6	134	11.6
150	44.8	135	10.0	47.3	129	10.6
155	42.5	129	9.0	44.9	123	9.6
160	40.0	122	8.2	42.3	116	8.6
165	37.5	115	7.3	39.6	108	7.7
170	34.7	108	6.5	36.6	100	6.8
175	31.7	99	5.8	33.4	91	6.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.2	79.7	193	32.7
75	73.8	196	41.4	78.2	191	32.5
80	72.3	194	37.3	76.6	190	31.4
85	70.8	192	33.8	75.0	187	30.3
90	69.6	190	30.9	73.4	185	29.3
95	68.0	188	28.1	71.8	183	28.4
100	66.4	186	25.7	70.2	180	27.4
105	64.8	183	23.5	68.5	177	25.1
110	63.1	180	21.5	66.8	174	23.0
115	61.4	177	19.7	65.1	171	21.1
120	59.7	174	18.1	63.3	168	19.4
125	58.0	170	16.6	61.5	164	17.8
130	56.2	166	15.2	59.6	160	16.3
135	54.4	162	13.9	57.7	156	15.0
140	52.5	158	12.8	55.8	152	13.7
145	50.6	153	11.7	53.8	147	12.5
150	48.6	148	10.7	51.7	142	11.4
155	46.5	143	9.7	49.5	136	10.4
160	44.4	138	8.8	47.2	130	9.4
165	42.1	131	8.0	44.8	124	8.5
170	39.7	125	7.2	42.3	116	7.7
175	37.2	117	6.4	39.5	108	6.8
180	34.5	109	5.7	36.6	100	6.0
185	31.6	100	5.0	33.3	90	5.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.5	77.5	197	24.9
90	71.5	201	31.6	75.9	195	24.0
95	70.0	199	28.8	74.4	192	23.2
100	68.5	196	26.3	72.8	190	22.5
105	67.0	194	24.1	71.3	187	21.9
110	65.4	191	22.1	69.7	184	21.3
115	63.9	188	20.3	68.0	181	20.6
120	62.3	185	18.7	66.4	178	20.0
125	60.6	182	17.2	64.7	175	18.6
130	59.0	178	15.8	62.9	171	17.1
135	57.3	174	14.5	61.2	167	15.7
140	55.5	170	13.3	59.3	163	14.5
145	53.8	166	12.2	57.5	159	13.3
150	51.9	162	11.2	55.6	154	12.2
155	50.0	157	10.3	53.6	149	11.1
160	48.1	152	9.4	51.5	144	10.2
165	46.1	146	8.5	49.4	138	9.2
170	44.0	140	7.7	47.1	131	8.4
175	41.8	134	7.0	44.7	124	7.5
180	39.4	127	6.2	42.2	117	6.7
185	36.9	119	5.6	39.5	109	6.0
190	34.3	111	4.9	36.5	99	5.2
195	31.4	102	4.3	33.2	88	4.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	24.8	73.8	197	18.3
110	67.5	202	22.8	72.3	195	17.8
115	66.1	199	21.0	70.7	192	17.4
120	64.5	196	19.3	69.1	189	16.9
125	63.0	193	17.8	67.6	185	16.4
130	61.5	190	16.4	65.9	182	16.0
135	59.9	186	15.1	64.3	178	15.7
140	58.3	183	13.9	62.6	175	15.3
145	56.6	179	12.8	60.8	170	14.1
150	54.9	174	11.8	59.1	166	12.9
155	53.2	170	10.8	57.2	161	11.9
160	51.4	165	9.9	55.3	156	10.9
165	49.5	160	9.1	53.4	151	10.0
170	47.6	155	8.3	51.3	145	9.1
175	45.6	149	7.5	49.2	139	8.2
180	43.6	143	6.8	47.0	133	7.4
185	41.4	136	6.1	44.6	125	6.7
190	39.1	129	5.5	42.1	117	6.0
195	36.7	121	4.8	39.4	109	5.2
200	34.1	113	4.2	36.4	99	4.6
205	31.2	103	3.6	33.1	87	3.9



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	18.3	70.2	196	14.3
130	63.7	201	16.9	68.7	193	13.9
135	62.2	198	15.6	67.1	189	13.6
140	60.7	194	14.4	65.5	186	13.3
145	59.2	191	13.3	63.9	182	13.1
150	57.6	187	12.2	62.2	178	12.8
155	56.0	183	11.2	60.5	173	12.5
160	54.3	178	10.3	58.8	169	11.5
165	52.6	174	9.5	57.0	164	10.6
170	50.9	169	8.7	55.1	159	9.7
175	49.1	164	7.9	53.2	153	8.8
180	47.2	158	7.2	51.2	147	8.0
185	45.2	152	6.5	49.1	141	7.3
190	43.2	146	5.9	46.9	134	6.5
195	41.1	139	5.2	44.5	126	5.8
200	38.8	131	4.7	42.0	118	5.2
205	36.5	123	4.1	39.3	109	4.5
210	33.9	114	3.5	36.3	98	3.9
215	31.1	104	3.0	33.0	86	3.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	63.7	80.5	199	59.7
60	76.3	201	55.5	79.0	198	57.4
65	74.8	199	48.8	77.5	196	51.2
70	73.3	198	43.3	75.9	195	45.5
75	71.8	196	38.6	74.4	193	40.6
80	70.3	194	34.6	72.8	191	36.4
85	69.1	192	31.3	71.6	189	33.0
90	67.5	190	28.3	70.0	187	29.8
95	65.9	188	25.6	68.4	185	27.0
100	64.3	185	23.2	66.8	182	24.5
105	62.7	183	21.1	65.1	179	22.3
110	61.0	180	19.1	63.5	176	20.2
115	59.4	177	17.4	61.7	173	18.4
120	57.7	173	15.8	60.0	170	16.7
125	55.9	170	14.3	58.2	166	15.2
130	54.1	166	13.0	56.4	162	13.8
135	52.3	162	11.8	54.5	158	12.5
140	50.4	158	10.6	52.6	154	11.3
145	48.5	153	9.6	50.6	149	10.2
150	46.5	148	8.6	48.5	144	9.1
155	44.4	143	7.7	46.4	138	8.1
160	42.2	137	6.8	44.1	133	7.2
165	40.0	131	6.0	41.8	126	6.4
170	37.6	124	5.2	39.3	119	5.5
175	35.1	117	4.5	36.7	111	4.8
180	32.4	109	3.8	33.8	103	4.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	65.1	82.6	208	44.5
60	77.9	211	56.8	81.1	206	42.6
65	76.5	209	50.0	79.7	205	41.1
70	75.1	208	44.4	78.2	203	39.9
75	73.6	206	39.7	76.8	202	38.6
80	72.2	204	35.6	75.3	200	37.3
85	71.0	203	32.3	73.8	198	34.1
90	69.5	201	29.2	72.6	196	31.1
95	68.1	198	26.5	71.1	194	28.2
100	66.5	196	24.1	69.5	191	25.7
105	65.0	193	21.9	68.0	189	23.4
110	63.5	191	19.9	66.4	186	21.3
115	61.9	188	18.2	64.8	183	19.4
120	60.3	185	16.5	63.1	180	17.7
125	58.6	181	15.1	61.4	176	16.2
130	57.0	178	13.7	59.7	173	14.7
135	55.3	174	12.5	58.0	169	13.4
140	53.5	170	11.3	56.2	165	12.2
145	51.8	166	10.2	54.3	161	11.0
150	49.9	161	9.2	52.4	156	10.0
155	48.0	157	8.3	50.5	151	9.0
160	46.1	151	7.4	48.4	145	8.0
165	44.0	146	6.6	46.3	140	7.1
170	41.9	140	5.8	44.1	133	6.3
175	39.7	133	5.1	41.8	127	5.5
180	37.4	127	4.4	39.3	119	4.7
185	34.9	119	3.7	36.6	111	4.0
190	32.2	110	3.1	33.7	102	3.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	45.6	80.7	213	32.8
75	75.3	216	40.7	79.3	211	32.5
80	73.9	214	36.6	77.9	209	32.2
85	72.5	212	33.1	76.4	207	31.2
90	71.4	211	30.2	75.0	205	30.1
95	70.0	209	27.4	73.5	203	29.2
100	68.6	206	24.9	72.1	201	26.9
105	67.1	204	22.7	70.6	198	24.5
110	65.6	201	20.7	69.1	196	22.4
115	64.2	199	18.9	67.5	193	20.5
120	62.6	196	17.3	66.0	190	18.8
125	61.1	193	15.8	64.4	187	17.2
130	59.6	189	14.4	62.8	183	15.7
135	58.0	186	13.2	61.1	180	14.3
140	56.3	182	12.0	59.5	176	13.1
145	54.7	178	10.9	57.7	172	11.9
150	53.0	174	9.9	56.0	167	10.8
155	51.2	170	9.0	54.2	163	9.8
160	49.4	165	8.1	52.3	158	8.8
165	47.6	160	7.2	50.3	153	7.9
170	45.7	154	6.4	48.3	147	7.1
175	43.7	149	5.7	46.2	141	6.3
180	41.6	142	5.0	44.0	134	5.5
185	39.4	136	4.3	41.7	127	4.8
190	37.2	129	3.7	39.2	119	4.1
195	34.7	121	3.1	36.6	111	3.4
200	32.1	112	2.5	33.7	101	2.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	33.9	78.6	217	25.3
90	73.1	221	30.9	77.2	215	24.6
95	71.8	219	28.1	75.8	213	23.8
100	70.4	217	25.6	74.4	210	23.1
105	69.0	214	23.4	73.0	208	22.4
110	67.6	212	21.4	71.5	206	21.9
115	66.2	209	19.6	70.1	203	21.4
120	64.8	207	17.9	68.6	200	19.7
125	63.4	204	16.4	67.1	197	18.0
130	61.9	201	15.0	65.6	194	16.5
135	60.4	197	13.7	64.0	190	15.1
140	58.9	194	12.6	62.5	187	13.9
145	57.3	190	11.5	60.8	183	12.7
150	55.7	186	10.4	59.2	179	11.6
155	54.1	182	9.5	57.5	175	10.5
160	52.4	178	8.6	55.8	170	9.6
165	50.7	173	7.7	54.0	165	8.6
170	49.0	168	7.0	52.1	160	7.8
175	47.2	163	6.2	50.2	154	7.0
180	45.3	157	5.5	48.2	148	6.2
185	43.4	151	4.8	46.1	142	5.4
190	41.3	145	4.2	44.0	135	4.7
195	39.2	138	3.6	41.7	128	4.0
200	36.9	131	3.0	39.2	119	3.4
205	34.5	122	2.4	36.5	110	2.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.4	76.6	220	19.4
105	70.8	225	24.1	75.2	218	18.8
110	69.5	223	22.1	73.8	215	18.2
115	68.1	220	20.2	72.5	213	17.8
120	66.8	217	18.6	71.0	210	17.4
125	65.4	215	17.0	69.6	207	17.0
130	64.0	212	15.6	68.2	204	16.6
135	62.6	209	14.3	66.7	201	16.0
140	61.2	205	13.2	65.2	197	14.7
145	59.7	202	12.0	63.7	194	13.5
150	58.2	198	11.0	62.1	190	12.3
155	56.7	194	10.0	60.6	186	11.3
160	55.1	190	9.1	58.9	182	10.3
165	53.6	186	8.3	57.3	177	9.4
170	51.9	181	7.5	55.6	172	8.5
175	50.3	177	6.7	53.8	167	7.7
180	48.5	172	6.0	52.0	162	6.9
185	46.8	166	5.4	50.1	156	6.1
190	44.9	160	4.7	48.1	150	5.4
195	43.0	154	4.1	46.1	143	4.7
200	41.0	147	3.5	43.9	136	4.1
205	38.9	140	3.0	41.6	128	3.4
210	36.7	132	2.4	39.1	119	2.8
215				36.5	110	2.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	19.1	73.3	220	14.9
125	67.3	226	17.6	71.9	217	14.6
130	65.9	223	16.1	70.6	214	14.4
135	64.6	220	14.8	69.2	211	14.0
140	63.2	217	13.6	67.8	208	13.7
145	61.9	214	12.5	66.3	205	13.4
150	60.5	210	11.5	64.9	201	13.0
155	59.0	206	10.5	63.4	197	11.9
160	57.6	203	9.6	61.8	193	10.9
165	56.1	199	8.7	60.3	189	10.0
170	54.6	194	7.9	58.7	185	9.1
175	53.0	190	7.2	57.0	180	8.3
180	51.4	185	6.4	55.4	175	7.5
185	49.8	180	5.8	53.6	169	6.7
190	48.1	175	5.1	51.8	164	6.0
195	46.4	169	4.5	49.9	158	5.3
200	44.6	163	3.9	48.0	151	4.6
205	42.7	157	3.4	46.0	144	4.0
210	40.7	150	2.8	43.8	137	3.4
215	38.7	142	2.3	41.5	128	2.8
220				39.1	119	2.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	61.9	81.4	219	61.0
60	77.5	221	54.4	80.0	218	57.7
65	76.2	220	48.0	78.6	217	50.7
70	74.8	218	42.4	77.3	215	44.8
75	73.5	217	37.7	75.9	214	39.9
80	72.1	215	33.7	74.5	212	35.7
85	71.0	214	30.4	73.4	210	32.3
90	69.6	212	27.4	72.0	208	29.1
95	68.2	210	24.7	70.5	206	26.2
100	66.8	207	22.3	69.1	204	23.7
105	65.3	205	20.1	67.6	201	21.4
110	63.9	202	18.2	66.1	199	19.4
115	62.4	200	16.4	64.6	196	17.6
120	60.9	197	14.8	63.1	193	15.9
125	59.4	194	13.3	61.5	190	14.3
130	57.8	190	12.0	59.9	187	12.9
135	56.2	187	10.8	58.3	183	11.6
140	54.6	183	9.6	56.7	179	10.4
145	53.0	179	8.6	55.0	175	9.3
150	51.3	175	7.6	53.3	171	8.3
155	49.6	171	6.7	51.5	167	7.3
160	47.8	166	5.8	49.7	162	6.4
165	45.9	161	5.0	47.8	157	5.5
170	44.0	156	4.2	45.8	151	4.7
175	42.1	150	3.4	43.8	145	3.9
180	40.0	144	2.7	41.7	139	3.2
185				39.4	132	2.4



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	63.0	83.2	228	45.0
60	79.0	231	55.4	81.9	227	43.5
65	77.7	230	49.2	80.6	225	41.9
70	76.4	228	43.6	79.3	224	40.5
75	75.1	227	38.8	78.0	222	39.5
80	73.8	225	34.7	76.6	221	37.2
85	72.7	224	31.5	75.3	219	33.5
90	71.4	222	28.3	74.2	217	30.5
95	70.1	220	25.6	72.9	215	27.5
100	68.7	218	23.1	71.5	213	25.0
105	67.3	215	21.0	70.1	211	22.6
110	65.9	213	19.0	68.7	208	20.5
115	64.5	210	17.2	67.2	206	18.7
120	63.1	208	15.6	65.8	203	16.9
125	61.7	205	14.1	64.3	200	15.4
130	60.2	202	12.7	62.8	197	13.9
135	58.7	198	11.5	61.3	193	12.6
140	57.2	195	10.3	59.7	190	11.3
145	55.7	191	9.2	58.1	186	10.2
150	54.1	187	8.2	56.5	182	9.1
155	52.5	183	7.3	54.8	178	8.1
160	50.8	179	6.4	53.1	173	7.2
165	49.1	174	5.6	51.4	169	6.3
170	47.4	169	4.8	49.6	163	5.5
175	45.6	164	4.0	47.7	158	4.7
180	43.7	159	3.3	45.8	152	3.9
185	41.8	153	2.6	43.7	146	3.2
190				41.6	139	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	44.8	81.5	233	32.9
75	76.5	237	40.0	80.2	232	32.5
80	75.3	235	35.8	78.9	230	32.2
85	74.3	234	32.5	77.6	228	32.0
90	73.0	232	29.3	76.3	226	30.9
95	71.7	230	26.5	75.0	225	28.9
100	70.4	228	24.0	73.7	222	26.2
105	69.1	226	21.8	72.4	220	23.9
110	67.8	223	19.8	71.0	218	21.7
115	66.5	221	18.0	69.6	215	19.8
120	65.1	218	16.4	68.2	213	18.0
125	63.8	216	14.9	66.8	210	16.4
130	62.4	213	13.5	65.4	207	14.9
135	61.0	210	12.2	64.0	204	13.6
140	59.5	206	11.0	62.5	200	12.3
145	58.1	203	9.9	61.0	197	11.1
150	56.6	199	8.9	59.5	193	10.0
155	55.1	195	8.0	57.9	189	9.0
160	53.6	191	7.1	56.3	185	8.0
165	52.0	187	6.3	54.7	180	7.1
170	50.4	182	5.4	53.0	175	6.3
175	48.7	178	4.7	51.3	170	5.5
180	47.0	173	3.9	49.5	165	4.7
185	45.2	167	3.2	47.6	159	4.0
190	43.4	161	2.5	45.7	153	3.2
195				43.7	147	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	36.8	80.8	239	26.5
85	75.5	243	33.1	79.5	237	25.7
90	74.5	242	30.2	78.3	236	25.1
95	73.3	240	27.3	77.0	234	24.4
100	72.1	238	24.8	75.8	232	23.7
105	70.8	236	22.6	74.5	230	23.0
110	69.5	234	20.5	73.2	227	22.4
115	68.3	231	18.7	71.9	225	20.8
120	67.0	229	17.0	70.5	222	19.0
125	65.7	226	15.5	69.2	220	17.3
130	64.4	224	14.1	67.8	217	15.8
135	63.0	221	12.8	66.5	214	14.4
140	61.7	218	11.6	65.1	210	13.1
145	60.3	214	10.5	63.6	207	11.9
150	58.9	211	9.5	62.2	204	10.8
155	57.5	207	8.5	60.7	200	9.8
160	56.0	203	7.6	59.2	196	8.8
165	54.6	199	6.7	57.7	192	7.9
170	53.1	195	5.9	56.1	187	7.0
175	51.5	191	5.1	54.5	183	6.2
180	49.9	186	4.4	52.8	178	5.4
185	48.3	181	3.7	51.1	172	4.6
190	46.6	176	3.0	49.4	167	3.9
195	44.9	170	2.4	47.5	161	3.2
200				45.6	154	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	25.6	77.7	241	19.9
105	72.3	246	23.3	76.5	239	19.2
110	71.1	244	21.3	75.2	237	18.7
115	69.9	242	19.4	74.0	234	18.2
120	68.7	240	17.7	72.7	232	17.8
125	67.5	237	16.2	71.4	229	17.4
130	66.2	234	14.8	70.1	227	16.7
135	64.9	232	13.5	68.8	224	15.3
140	63.6	229	12.2	67.5	221	14.0
145	62.3	226	11.1	66.1	218	12.8
150	61.0	222	10.1	64.7	214	11.6
155	59.7	219	9.1	63.3	211	10.6
160	58.3	215	8.2	61.9	207	9.6
165	56.9	212	7.3	60.5	203	8.6
170	55.5	208	6.4	59.0	199	7.7
175	54.1	203	5.7	57.5	194	6.9
180	52.6	199	4.9	55.9	190	6.1
185	51.1	194	4.2	54.3	185	5.4
190	49.5	189	3.5	52.7	180	4.6
195	47.9	184	2.9	51.0	174	3.9
200	46.3	179	2.3	49.2	168	3.2
205				47.4	162	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.0	75.9	244	15.6
120	70.3	250	18.3	74.7	242	15.2
125	69.1	248	16.7	73.5	239	14.9
130	67.9	245	15.3	72.2	237	14.6
135	66.7	242	14.0	71.0	234	14.4
140	65.5	240	12.8	69.7	231	14.1
145	64.2	237	11.6	68.4	228	13.5
150	63.0	234	10.5	67.1	225	12.3
155	61.7	230	9.5	65.8	221	11.2
160	60.4	227	8.6	64.4	218	10.2
165	59.1	223	7.7	63.0	214	9.3
170	57.7	220	6.8	61.6	210	8.4
175	56.4	216	6.0	60.2	206	7.5
180	55.0	212	5.3	58.7	202	6.7
185	53.6	207	4.6	57.3	197	5.9
190	52.1	203	3.9	55.7	192	5.2
195	50.6	198	3.3	54.2	187	4.5
200	49.1	193	2.6	52.5	182	3.8
205				50.9	176	3.1
210				49.1	170	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.5	83.3	239	57.8
55	79.8	242	59.6	82.1	238	57.4
60	78.5	240	52.3	80.8	237	55.8
65	77.3	239	46.1	79.6	236	49.4
70	76.1	238	41.0	78.3	235	43.9
75	74.8	236	36.5	77.0	233	39.2
80	73.8	235	32.9	75.8	232	35.0
85	72.6	233	29.5	74.8	230	31.7
90	71.3	232	26.5	73.5	228	28.4
95	70.0	230	23.8	72.2	226	25.6
100	68.7	228	21.4	70.9	224	23.0
105	67.4	226	19.3	69.5	222	20.7
110	66.1	223	17.3	68.2	220	18.7
115	64.8	221	15.5	66.8	217	16.8
120	63.4	218	13.9	65.5	215	15.2
125	62.0	215	12.4	64.1	212	13.6
130	60.7	212	11.0	62.7	209	12.2
135	59.2	209	9.7	61.2	206	10.8
140	57.8	206	8.5	59.8	202	9.6
145	56.4	203	7.4	58.3	199	8.4
150	54.9	199	6.4	56.8	195	7.3
155	53.4	195	5.5	55.2	191	6.3
160	51.8	191	4.6	53.6	187	5.4
165	50.2	187	3.7	52.0	183	4.5
170	48.6	182	2.9	50.4	178	3.6
175				48.7	173	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	53.3	82.6	246	44.0
65	78.6	249	47.2	81.4	245	42.4
70	77.4	248	41.9	80.2	243	41.1
75	76.2	246	37.4	78.9	242	39.9
80	75.0	245	33.5	77.7	240	36.6
85	74.1	243	30.4	76.7	239	33.2
90	72.9	242	27.4	75.5	237	29.9
95	71.6	240	24.7	74.3	235	26.9
100	70.4	238	22.2	73.0	233	24.3
105	69.1	236	20.0	71.7	231	22.0
110	67.9	234	18.0	70.4	229	19.9
115	66.6	231	16.2	69.1	227	18.0
120	65.3	229	14.6	67.8	224	16.3
125	64.0	226	13.1	66.5	221	14.7
130	62.7	223	11.7	65.1	219	13.2
135	61.4	220	10.4	63.8	216	11.8
140	60.0	217	9.2	62.4	212	10.5
145	58.6	214	8.1	61.0	209	9.3
150	57.2	211	7.0	59.5	206	8.2
155	55.8	207	6.1	58.1	202	7.2
160	54.4	203	5.2	56.6	198	6.2
165	52.9	199	4.3	55.1	194	5.3
170	51.4	195	3.5	53.5	189	4.4
175	49.8	190	2.7	51.9	185	3.6
180				50.3	180	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	64.2	84.0	125	66.4
40	77.2	127	51.2	81.6	124	54.4
45	74.7	125	41.9	79.1	122	44.6
50	72.3	123	35.0	76.6	121	37.3
55	70.3	122	29.9	74.6	119	32.0
60	67.8	120	25.6	72.0	117	27.4
65	65.2	117	22.1	69.4	114	23.7
70	62.6	114	19.2	66.7	111	20.5
75	59.9	111	16.7	63.9	108	17.9
80	57.0	108	14.5	61.0	104	15.6
85	54.1	104	12.7	57.9	100	13.6
90	51.1	99	11.0	54.8	96	11.9
95	47.9	95	9.6	51.5	91	10.3
100	44.5	89	8.3	47.9	85	8.9
105	40.9	83	7.1	44.1	79	7.6
110	36.9	76	6.0	39.9	72	6.4
115				35.1	63	5.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	66.1			
38				86.0	134	50.5
40	79.6	137	52.8	84.9	133	48.6
45	77.4	135	43.3	82.6	132	45.7
50	75.1	134	36.3	80.3	130	39.1
55	73.4	132	31.1	77.9	128	33.3
60	71.0	130	26.7	76.1	126	28.9
65	68.7	128	23.2	73.6	124	25.1
70	66.3	125	20.2	71.1	121	21.9
75	63.8	122	17.6	68.6	118	19.2
80	61.3	119	15.5	66.0	115	16.8
85	58.7	116	13.6	63.3	112	14.8
90	56.0	112	11.9	60.5	108	13.0
95	53.2	108	10.4	57.6	103	11.4
100	50.3	103	9.1	54.5	98	10.0
105	47.2	98	7.9	51.2	93	8.7
110	43.9	92	6.8	47.8	87	7.5
115	40.4	86	5.8	44.0	80	6.4
120	36.6	78	4.9	39.8	72	5.3
125				35.0	62	4.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	54.2			
44				86.0	141	37.8
45	79.7	145	44.6	85.7	141	37.4
50	77.6	144	37.5	83.5	139	35.2
55	76.0	142	32.2	81.3	138	33.2
60	73.8	140	27.8	79.6	136	30.3
65	71.6	138	24.1	77.3	134	26.4
70	69.4	136	21.1	75.1	131	23.1
75	67.2	133	18.5	72.7	129	20.4
80	64.9	130	16.3	70.3	126	18.0
85	62.5	127	14.4	67.9	122	15.9
90	60.1	124	12.7	65.3	119	14.1
95	57.6	120	11.2	62.7	115	12.5
100	55.0	116	9.9	60.0	111	11.0
105	52.3	112	8.7	57.2	106	9.7
110	49.5	107	7.6	54.2	101	8.5
115	46.5	101	6.6	51.0	95	7.4
120	43.4	95	5.7	47.6	88	6.3
125	40.0	88	4.8	43.9	81	5.4
130	36.2	80	4.0	39.7	72	4.5
135				34.9	61	3.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	45.7			
50	79.8	154	38.4			
51				86.0	148	31.9
55	78.2	152	33.1	84.7	147	30.5
60	76.2	151	28.6	82.7	146	28.9
65	74.2	149	24.9	80.6	144	27.2
70	72.2	146	21.8	78.5	141	24.2
75	70.1	144	19.2	76.3	139	21.4
80	68.0	141	17.0	74.1	136	18.9
85	65.8	139	15.1	71.9	133	16.8
90	63.6	135	13.4	69.6	130	15.0
95	61.3	132	11.9	67.2	126	13.3
100	59.0	128	10.5	64.7	122	11.8
105	56.6	124	9.3	62.2	118	10.5
110	54.1	120	8.2	59.6	114	9.3
115	51.5	115	7.2	56.8	108	8.2
120	48.8	110	6.3	53.9	103	7.2
125	45.9	104	5.4	50.8	97	6.2
130	42.8	98	4.6	47.4	89	5.3
135	39.5	90	3.9	43.8	81	4.4
140	35.9	82	3.2	39.6	72	3.6
145				34.8	60	2.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	33.7			
58				86.0	156	25.4
60	78.4	161	29.4	85.4	155	24.9
65	76.5	159	25.6	83.5	153	23.5
70	74.6	157	22.5	81.5	151	22.2
75	72.6	155	19.9	79.5	149	21.1
80	70.7	152	17.7	77.5	146	19.9
85	68.7	150	15.7	75.4	144	17.7
90	66.6	147	14.0	73.3	141	15.8
95	64.6	144	12.5	71.1	137	14.1
100	62.4	140	11.1	68.8	134	12.7
105	60.3	137	9.9	66.5	130	11.3
110	58.0	133	8.8	64.2	126	10.1
115	55.7	128	7.8	61.7	121	9.0
120	53.3	124	6.9	59.1	116	7.9
125	50.7	119	6.0	56.4	111	7.0
130	48.1	113	5.2	53.6	105	6.1
135	45.3	107	4.5	50.5	98	5.2
140	42.3	100	3.8	47.3	91	4.5
145	39.1	92	3.1	43.6	82	3.7
150	35.5	84	2.5	39.5	72	2.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	23.1	84.2	161	19.4
75	74.9	165	20.5	82.3	159	18.5
80	73.1	163	18.2	80.4	157	17.5
85	71.2	161	16.2	78.5	154	16.8
90	69.3	158	14.5	76.5	151	16.1
95	67.4	155	12.9	74.5	148	14.8
100	65.4	152	11.6	72.4	145	13.3
105	63.4	149	10.3	70.3	142	12.0
110	61.4	145	9.2	68.2	138	10.7
115	59.3	141	8.2	65.9	134	9.6
120	57.1	137	7.3	63.6	129	8.6
125	54.8	132	6.4	61.2	124	7.6
130	52.5	127	5.6	58.7	119	6.7
135	50.0	122	4.9	56.1	113	5.9
140	47.5	116	4.2	53.3	107	5.1
145	44.8	110	3.6	50.3	100	4.4
150	41.8	102	3.0	47.1	92	3.6
155	38.7	94	2.4	43.5	83	3.0
160				39.4	72	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	62.7	84.9	145	66.2
40	79.0	147	50.7	82.8	144	54.4
45	76.9	146	41.3	80.7	143	44.4
50	74.8	144	34.3	78.6	141	37.0
55	73.2	143	29.2	76.9	140	31.6
60	71.0	141	24.9	74.7	138	26.9
65	68.9	139	21.3	72.5	136	23.1
70	66.7	137	18.4	70.3	134	20.0
75	64.4	134	15.8	68.0	131	17.3
80	62.1	131	13.7	65.6	128	15.0
85	59.8	128	11.8	63.2	125	13.0
90	57.4	125	10.2	60.7	121	11.2
95	54.9	121	8.7	58.2	117	9.7
100	52.3	117	7.4	55.5	113	8.2
105	49.7	112	6.2	52.8	109	7.0
110	46.9	107	5.2	49.8	104	5.8
115	43.9	102	4.2	46.8	98	4.8
120	40.8	96	3.3	43.5	91	3.8
125	37.4	89	2.5	39.9	84	2.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	63.9			
39				86.0	153	50.2
40	81.0	157	52.1	85.6	153	49.4
45	79.1	156	42.8	83.6	152	46.6
50	77.1	154	35.7	81.6	150	39.0
55	75.6	153	30.5	80.1	149	33.4
60	73.6	151	26.1	78.0	147	28.6
65	71.6	149	22.4	76.0	145	24.7
70	69.6	147	19.4	73.9	143	21.4
75	67.5	145	16.8	71.7	141	18.6
80	65.4	142	14.6	69.6	138	16.3
85	63.2	139	12.7	67.3	135	14.2
90	61.0	136	11.0	65.1	132	12.4
95	58.8	133	9.6	62.7	128	10.8
100	56.5	129	8.2	60.3	125	9.3
105	54.1	125	7.0	57.8	120	8.0
110	51.6	121	6.0	55.2	116	6.8
115	49.0	116	5.0	52.5	111	5.8
120	46.3	111	4.1	49.7	105	4.8
125	43.4	105	3.3	46.7	99	3.8
130	40.4	98	2.5	43.4	92	3.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	53.1			
45	81.0	165	44.3			
46				86.0	161	37.6
50	79.2	164	37.0	84.4	160	35.7
55	77.7	163	31.7	82.5	158	34.1
60	75.9	161	27.2	81.0	157	30.1
65	74.0	159	23.5	79.0	155	26.1
70	72.1	157	20.4	77.1	153	22.8
75	70.2	155	17.8	75.1	150	19.9
80	68.2	153	15.5	73.1	148	17.5
85	66.2	150	13.6	71.0	145	15.4
90	64.2	147	11.9	68.9	142	13.5
95	62.1	144	10.4	66.8	139	11.9
100	60.0	141	9.0	64.5	136	10.4
105	57.8	137	7.8	62.3	132	9.1
110	55.6	133	6.7	59.9	128	7.9
115	53.3	129	5.7	57.5	123	6.8
120	50.9	124	4.8	55.0	118	5.7
125	48.4	119	4.0	52.3	113	4.8
130	45.7	114	3.2	49.5	107	3.9
135	43.0	108	2.5	46.6	100	3.1
140				43.3	93	2.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	45.1			
50	81.0	174	38.1			
52				86.0	168	31.7
55	79.6	173	32.7	85.4	168	31.0
60	77.9	171	28.1	83.6	166	29.4
65	76.1	170	24.3	81.8	164	27.4
70	74.3	168	21.2	79.9	162	23.9
75	72.5	166	18.5	78.1	160	21.0
80	70.7	163	16.3	76.2	158	18.5
85	68.9	161	14.3	74.3	155	16.4
90	67.0	158	12.6	72.3	153	14.5
95	65.1	155	11.0	70.3	150	12.8
100	63.1	152	9.7	68.3	146	11.3
105	61.1	149	8.5	66.2	143	9.9
110	59.1	145	7.4	64.0	139	8.7
115	57.0	141	6.3	61.8	135	7.6
120	54.8	137	5.4	59.5	131	6.5
125	52.5	133	4.6	57.2	126	5.6
130	50.2	128	3.8	54.7	121	4.7
135	47.8	122	3.1	52.1	115	3.9
140	45.2	117	2.4	49.4	109	3.1
145				46.4	102	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	33.3			
59				86.0	175	25.3
60	79.7	181	29.0	86.0	175	25.2
65	78.0	180	25.1	84.3	174	23.9
70	76.3	178	22.0	82.5	172	22.8
75	74.6	176	19.3	80.8	170	21.7
80	72.9	174	17.0	79.0	168	19.6
85	71.2	172	15.0	77.2	165	17.3
90	69.4	169	13.2	75.4	163	15.4
95	67.7	166	11.7	73.5	160	13.7
100	65.8	164	10.3	71.6	157	12.2
105	64.0	160	9.1	69.7	154	10.8
110	62.1	157	8.0	67.7	150	9.5
115	60.2	154	6.9	65.7	146	8.4
120	58.2	150	6.0	63.6	142	7.3
125	56.1	146	5.2	61.4	138	6.4
130	54.0	141	4.4	59.2	133	5.5
135	51.8	136	3.6	56.9	128	4.7
140	49.6	131	2.9	54.4	123	3.9
145	47.2	126	2.3	51.9	117	3.1
150				49.2	110	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	22.6	84.9	182	19.8
75	76.5	186	19.9	83.2	180	18.9
80	74.9	184	17.6	81.5	178	18.0
85	73.3	182	15.5	79.8	175	17.2
90	71.6	180	13.8	78.1	173	16.2
95	70.0	177	12.2	76.4	170	14.5
100	68.3	175	10.8	74.6	168	12.9
105	66.5	172	9.6	72.8	164	11.5
110	64.8	169	8.4	70.9	161	10.2
115	63.0	165	7.4	69.1	158	9.1
120	61.2	162	6.5	67.1	154	8.0
125	59.3	158	5.6	65.2	150	7.0
130	57.3	154	4.8	63.1	146	6.1
135	55.4	150	4.1	61.0	141	5.3
140	53.3	145	3.4	58.8	136	4.5
145	51.2	140	2.7	56.6	131	3.8
150				54.2	125	3.1
155				51.7	119	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	60.1	85.5	164	65.4
40	80.3	166	48.7	83.7	163	53.1
45	78.4	165	40.3	81.8	162	44.0
50	76.6	164	33.7	80.0	161	36.7
55	75.2	163	28.7	78.5	160	31.2
60	73.3	161	24.3	76.6	158	26.5
65	71.4	159	20.7	74.7	156	22.7
70	69.5	157	17.7	72.8	154	19.5
75	67.6	155	15.2	70.8	152	16.8
80	65.7	152	13.0	68.8	149	14.5
85	63.7	150	11.1	66.7	147	12.5
90	61.6	147	9.5	64.7	144	10.7
95	59.6	144	8.0	62.5	140	9.1
100	57.4	140	6.7	60.4	137	7.7
105	55.2	137	5.5	58.1	133	6.5
110	53.0	133	4.4	55.8	129	5.3
115	50.7	129	3.4	53.4	125	4.3
120	48.3	124	2.5	50.9	120	3.2
125				48.3	115	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	61.4			
40	82.0	176	50.0			
40				86.0	172	49.9
45	80.3	175	41.4	84.4	171	46.1
50	78.6	174	34.9	82.6	170	38.8
55	77.2	172	30.0	81.2	169	33.1
60	75.5	171	25.5	79.4	167	28.3
65	73.7	169	21.8	77.6	165	24.3
70	71.9	167	18.8	75.8	163	21.0
75	70.1	165	16.2	73.9	161	18.2
80	68.3	163	14.0	72.1	159	15.8
85	66.4	161	12.0	70.2	156	13.7
90	64.6	158	10.4	68.2	154	11.9
95	62.6	155	8.9	66.2	151	10.3
100	60.7	152	7.5	64.2	147	8.8
105	58.7	149	6.3	62.1	144	7.5
110	56.6	145	5.2	60.0	140	6.3
115	54.5	141	4.1	57.8	136	5.3
120	52.3	137	3.2	55.6	132	4.2
125	50.1	132	2.3	53.2	127	3.3
130				50.8	122	2.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 36 ft fixed jib</b>						
21	86.0	131	69.0			
25	84.3	130	69.0			
30	81.9	129	69.0			
31				86.0	126	68.6
35	79.5	128	69.0	84.0	125	66.4
40	77.2	127	69.0	81.6	124	63.4
45	74.7	125	69.0	79.1	122	59.2
50	72.3	123	69.0	76.6	121	55.7
55	69.8	121	67.9	74.1	119	52.4
60	67.3	119	64.9	71.5	116	49.9
65	64.7	116	64.0	68.8	114	47.4
70	62.0	114	63.3	66.1	111	45.1
75	59.3	110	61.1	63.2	107	43.1
80	56.4	107	57.6	60.3	104	41.5
85	53.5	103	54.5	57.3	100	40.0
90	50.4	98	51.7	54.1	95	38.5
95	47.2	94	49.5	50.7	90	37.3
100	43.8	88	47.4	47.1	84	36.3
105	40.1	82	45.5	43.2	77	35.6
110	36.0	75	43.7	38.9	70	34.9
115				33.9	60	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 46 ft fixed jib</b>						
26	86.0	140	69.0			
30	84.0	139	69.0			
35	81.8	138	69.0			
38				86.0	134	50.5
40	79.6	137	69.0	84.9	133	48.6
45	77.4	135	67.5	82.6	132	45.7
50	75.1	134	62.1	80.3	130	42.7
55	72.9	132	59.5	77.9	128	40.6
60	70.5	130	57.3	75.5	126	38.3
65	68.2	127	53.3	73.1	123	36.4
70	65.7	125	49.8	70.6	121	34.9
75	63.3	122	46.9	68.0	118	33.4
80	60.7	118	44.6	66.0	115	32.8
85	58.1	115	42.3	63.3	112	32.5
90	55.4	111	40.2	60.5	108	32.2
95	52.6	107	38.3	57.6	103	31.0
100	49.6	102	36.7	54.5	98	29.9
105	46.5	97	35.3	51.2	93	29.0
110	43.2	91	34.1	47.8	87	28.2
115	40.4	86	32.9	44.0	80	27.7
120	36.6	78	32.7	39.8	72	27.2
125				35.0	62	26.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 56 ft fixed jib</b>						
30	86.0	149	66.2			
30	85.9	149	65.9			
35	83.8	148	60.2			
40	81.8	146	57.3			
44				86.0	141	37.8
45	79.7	145	54.5	85.7	141	37.4
50	77.6	144	52.2	83.5	139	35.2
55	75.5	142	48.7	81.3	138	33.2
60	73.3	140	45.8	79.6	136	33.2
65	71.2	138	43.5	77.3	134	32.6
70	68.9	135	41.0	75.1	131	30.8
75	66.7	133	38.6	72.7	129	29.3
80	64.4	130	36.5	70.3	126	28.1
85	62.0	127	34.8	67.9	122	26.8
90	59.6	123	33.3	65.3	119	25.6
95	57.6	120	32.1	62.7	115	24.6
100	55.0	116	31.1	60.0	111	23.8
105	52.3	112	30.3	57.2	106	23.1
110	49.5	107	29.5	54.2	101	22.4
115	46.5	101	28.8	51.0	95	21.8
120	43.4	95	27.8	47.6	88	21.2
125	40.0	88	26.8	43.9	81	20.9
130	36.2	80	25.9	39.7	72	20.6
135				34.9	61	20.3



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft fixed jib</b>						
34	86.0	158	52.3			
35	85.6	157	51.6			
40	83.6	156	49.0			
45	81.7	155	46.5			
50	79.8	154	44.3			
51				86.0	148	31.9
55	77.8	152	42.4	84.7	147	30.5
60	75.8	150	39.4	82.7	146	28.9
65	73.8	148	36.8	80.6	144	27.2
70	71.7	146	34.8	78.5	141	25.9
75	70.1	144	32.9	76.3	139	24.6
80	68.0	141	31.7	74.1	136	23.4
85	65.8	139	30.5	71.9	133	22.4
90	63.6	135	29.6	69.6	130	21.5
95	61.3	132	28.7	67.2	126	20.6
100	59.0	128	27.6	64.7	122	19.8
105	56.6	124	26.3	62.2	118	19.1
110	54.1	120	25.1	59.6	114	18.5
115	51.5	115	24.1	56.8	108	17.9
120	48.8	110	23.2	53.9	103	17.4
125	45.9	104	22.4	50.8	97	17.0
130	42.8	98	21.7	47.4	89	16.6
135	39.5	90	20.9	43.8	81	16.4
140	35.9	82	20.3	39.6	72	16.2
145				34.8	60	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft fixed jib</b>						
38	86.0	167	41.4			
40	85.3	166	40.4			
45	83.5	165	38.5			
50	81.7	164	36.6			
55	79.8	162	34.9			
58				86.0	156	25.4
60	77.9	160	33.7	85.4	155	24.9
65	76.5	159	30.3	83.5	153	23.5
70	74.6	157	29.0	81.5	151	22.2
75	72.6	155	28.0	79.5	149	21.1
80	70.7	152	27.2	77.5	146	20.2
85	68.7	150	26.1	75.4	144	19.2
90	66.6	147	25.1	73.3	141	18.4
95	64.6	144	24.2	71.1	137	17.7
100	62.4	140	23.5	68.8	134	17.0
105	60.3	137	22.8	66.5	130	16.4
110	58.0	133	21.7	64.2	126	15.8
115	55.7	128	20.8	61.7	121	15.4
120	53.3	124	19.9	59.1	116	15.0
125	50.7	119	19.2	56.4	111	14.6
130	48.1	113	18.5	53.6	105	14.3
135	45.3	107	17.9	50.5	98	13.9
140	42.3	100	17.4	47.3	91	13.7
145	39.1	92	16.9	43.6	82	13.5
150	35.5	84	16.4	39.5	72	13.4
155				34.6	59	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft fixed jib</b>						
42	86.0	175	33.3			
45	85.4	175	30.2			
50	83.7	174	28.8			
55	82.0	172	27.4			
60	80.2	171	26.1			
64				86.0	163	20.9
65	78.5	169	25.1	86.0	163	20.7
70	76.7	167	24.1	84.2	161	19.4
75	74.9	165	23.1	82.3	159	18.5
80	73.1	163	22.2	80.4	157	17.5
85	71.2	161	21.6	78.5	154	16.8
90	69.3	158	20.9	76.5	151	16.1
95	67.4	155	20.3	74.5	148	15.5
100	65.4	152	19.7	72.4	145	14.9
105	63.4	149	19.2	70.3	142	14.5
110	61.4	145	18.8	68.2	138	14.0
115	59.3	141	18.2	65.9	134	13.5
120	57.1	137	17.5	63.6	129	13.1
125	54.8	132	16.8	61.2	124	12.8
130	52.5	127	16.2	58.7	119	12.5
135	50.0	122	15.7	56.1	113	12.2
140	47.5	116	15.2	53.3	107	11.9
145	44.8	110	14.8	50.3	100	11.6
150	41.8	102	14.4	47.1	92	11.4
155	38.7	94	14.0	43.5	83	11.3
160	35.2	85	13.7	39.4	72	11.2
165				34.4	58	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 36 ft fixed jib</b>						
23	86.0	150	69.0			
25	85.0	150	69.0			
30	83.0	149	69.0			
32				86.0	146	68.8
35	81.0	148	69.0	84.9	145	66.2
40	79.0	147	69.0	82.8	144	65.8
45	76.9	146	69.0	80.7	143	61.5
50	74.8	144	69.0	78.6	141	58.4
55	72.7	143	69.0	76.4	140	55.3
60	70.6	141	69.0	74.2	138	52.4
65	68.4	138	66.4	72.0	135	50.1
70	66.2	136	64.3	69.8	133	48.1
75	63.9	133	63.4	67.5	130	46.0
80	61.6	131	62.7	65.1	127	44.2
85	59.3	127	60.7	62.7	124	42.6
90	56.9	124	57.7	60.2	121	41.3
95	54.4	120	55.0	57.6	117	40.0
100	51.8	116	52.6	54.9	112	38.8
105	49.1	111	50.5	52.1	108	37.7
110	46.3	106	48.7	49.2	102	36.7
115	43.3	101	47.0	46.1	97	36.0
120	40.1	95	45.3	42.8	90	35.4
125	36.7	88	43.8	39.1	83	34.8
130	32.9	80	42.4	35.1	74	34.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 46 ft fixed jib</b>						
27	86.0	159	69.0			
30	84.8	159	68.9			
35	82.9	158	68.8			
39				86.0	153	50.2
40	81.0	157	68.8	85.6	153	49.4
45	79.1	156	68.9	83.6	152	46.6
50	77.1	154	67.0	81.6	150	44.0
55	75.2	153	61.9	79.6	149	41.8
60	73.2	151	59.3	77.6	147	40.0
65	71.2	149	57.2	75.5	145	38.1
70	69.1	147	54.3	73.4	143	36.4
75	67.0	144	51.1	71.3	140	35.1
80	64.9	141	48.4	69.1	137	33.8
85	62.8	139	46.1	67.3	135	32.9
90	60.6	135	44.2	65.1	132	32.6
95	58.3	132	42.2	62.7	128	32.3
100	56.0	128	40.4	60.3	125	32.0
105	53.5	124	38.7	57.8	120	31.0
110	51.0	120	37.3	55.2	116	30.1
115	48.4	115	36.0	52.5	111	29.3
120	45.7	109	34.9	49.7	105	28.5
125	42.8	104	33.9	46.7	99	27.9
130	40.4	98	32.9	43.4	92	27.5
135	37.1	91	32.7	39.9	85	27.1
140	33.5	83	32.5	36.0	76	26.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 56 ft fixed jib</b>						
31	86.0	168	63.2			
35	84.6	168	60.5			
40	82.8	167	58.1			
45	81.0	165	55.2			
46				86.0	161	37.6
50	79.2	164	53.1	84.4	160	35.7
55	77.3	163	50.9	82.5	158	34.1
60	75.5	161	48.0	81.0	157	33.2
65	73.6	159	45.6	79.0	155	33.0
70	71.7	157	43.6	77.1	153	32.2
75	69.8	155	41.6	75.1	150	30.6
80	67.8	152	39.4	73.1	148	29.3
85	65.8	150	37.5	71.0	145	28.3
90	63.8	147	35.8	68.9	142	27.2
95	61.7	144	34.4	66.8	139	26.2
100	59.6	140	33.1	64.5	136	25.3
105	57.8	137	32.2	62.3	132	24.5
110	55.6	133	31.3	59.9	128	23.8
115	53.3	129	30.5	57.5	123	23.1
120	50.9	124	29.8	55.0	118	22.5
125	48.4	119	29.1	52.3	113	21.9
130	45.7	114	28.4	49.5	107	21.4
135	43.0	108	27.6	46.6	100	21.0
140	40.0	101	26.7	43.3	93	20.8
145	36.8	93	25.9	39.8	85	20.5
150	33.3	85	25.2	35.9	75	20.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft fixed jib</b>						
35	86.0	177	51.8			
40	84.4	176	49.2			
45	82.7	175	47.3			
50	81.0	174	45.0			
52				86.0	168	31.7
55	79.2	173	43.2	85.4	168	31.0
60	77.5	171	41.5	83.6	166	29.4
65	75.7	169	39.0	81.8	164	27.9
70	74.0	167	36.9	79.9	162	26.5
75	72.2	165	35.1	78.1	160	25.5
80	70.3	163	33.6	76.2	158	24.4
85	68.9	161	32.2	74.3	155	23.3
90	67.0	158	31.1	72.3	153	22.5
95	65.1	155	30.1	70.3	150	21.8
100	63.1	152	29.2	68.3	146	20.9
105	61.1	149	28.5	66.2	143	20.1
110	59.1	145	27.4	64.0	139	19.5
115	57.0	141	26.3	61.8	135	18.9
120	54.8	137	25.3	59.5	131	18.4
125	52.5	133	24.3	57.2	126	17.9
130	50.2	128	23.5	54.7	121	17.5
135	47.8	122	22.8	52.1	115	17.1
140	45.2	117	22.1	49.4	109	16.7
145	42.5	110	21.4	46.4	102	16.4
150	39.6	103	20.8	43.2	94	16.3
155	36.5	95	20.2	39.7	85	16.1
160	33.1	86	19.6	35.8	74	16.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft fixed jib</b>						
39	86.0	186	40.9			
40	85.8	186	40.6			
45	84.2	185	38.6			
50	82.6	184	37.1			
55	81.0	182	35.4			
59				86.0	175	25.3
60	79.3	181	34.0	86.0	175	25.2
65	78.0	180	30.9	84.3	174	23.9
70	76.3	178	29.8	82.5	172	22.8
75	74.6	176	28.8	80.8	170	21.7
80	72.9	174	27.9	79.0	168	20.8
85	71.2	172	27.3	77.2	165	20.0
90	69.4	169	26.4	75.4	163	19.1
95	67.7	166	25.4	73.5	160	18.4
100	65.8	164	24.6	71.6	157	17.8
105	64.0	160	23.9	69.7	154	17.2
110	62.1	157	23.2	67.7	150	16.6
115	60.2	154	22.6	65.7	146	16.1
120	58.2	150	21.7	63.6	142	15.6
125	56.1	146	20.9	61.4	138	15.2
130	54.0	141	20.1	59.2	133	14.9
135	51.8	136	19.4	56.9	128	14.6
140	49.6	131	18.8	54.4	123	14.3
145	47.2	126	18.2	51.9	117	14.0
150	44.7	119	17.7	49.2	110	13.8
155	42.1	113	17.3	46.3	103	13.6
160	39.3	105	16.8	43.1	94	13.5
165	36.2	97	16.4	39.7	85	13.4
170	32.8	87	16.0	35.7	74	13.2



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft fixed jib</b>						
44	86.0	195	30.6			
45	85.9	195	30.4			
50	84.4	194	28.9			
55	82.8	193	27.8			
60	81.3	191	26.5			
65	79.7	190	25.4			
65				86.0	183	20.6
70	78.1	188	24.6	84.9	182	19.8
75	76.5	186	23.7	83.2	180	18.9
80	74.9	184	22.9	81.5	178	18.0
85	73.3	182	22.2	79.8	175	17.2
90	71.6	180	21.7	78.1	173	16.7
95	70.0	177	21.1	76.4	170	16.0
100	68.3	175	20.5	74.6	168	15.5
105	66.5	172	20.0	72.8	164	15.0
110	64.8	169	19.5	70.9	161	14.6
115	63.0	165	19.1	69.1	158	14.1
120	61.2	162	18.8	67.1	154	13.7
125	59.3	158	18.2	65.2	150	13.3
130	57.3	154	17.5	63.1	146	13.0
135	55.4	150	16.9	61.0	141	12.7
140	53.3	145	16.4	58.8	136	12.4
145	51.2	140	15.9	56.6	131	12.2
150	49.0	134	15.4	54.2	125	11.9
155	46.7	129	15.0	51.7	119	11.7
160	44.2	122	14.7	49.0	111	11.5
165	41.7	115	14.3	46.1	104	11.3
170	38.9	107	14.0	43.0	95	11.3
175	35.9	99	13.7	39.6	85	11.2
180	32.6	89	13.4	35.6	73	11.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 36 ft fixed jib</b>						
24	86.0	169	69.0			
25	85.6	169	68.9			
30	83.8	168	68.8			
34				86.0	165	68.8
35	82.1	167	68.8	85.5	164	67.5
40	80.3	166	68.9	83.7	163	65.6
45	78.4	165	69.0	81.8	162	63.2
50	76.6	164	69.0	80.0	161	59.9
55	74.8	162	69.0	78.1	159	57.5
60	72.9	161	69.0	76.2	158	54.7
65	71.0	159	69.0	74.3	156	52.2
70	69.1	157	67.2	72.3	154	50.1
75	67.2	154	64.5	70.4	151	48.5
80	65.2	152	63.6	68.3	149	46.5
85	63.2	149	62.7	66.3	146	44.8
90	61.2	146	62.0	64.2	143	43.3
95	59.1	143	60.1	62.1	140	42.1
100	57.0	140	57.5	59.9	136	41.0
105	54.8	136	55.1	57.6	132	39.8
110	52.5	132	53.0	55.3	128	38.8
115	50.2	128	51.0	52.9	124	37.8
120	47.7	123	49.3	50.4	119	36.9
125	45.2	118	46.7	47.7	113	36.2
130	42.5	112	43.6	44.9	108	35.4
135	39.7	106	40.7	42.0	101	34.5
140	36.7	99	37.9	38.8	94	33.7
145	33.4	91	35.3	36.1	87	32.8
150				32.3	78	32.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 46 ft fixed jib</b>						
28	86.0	178	69.0			
30	85.4	178	68.9			
35	83.7	177	68.9			
40	82.0	176	68.8			
40				86.0	172	49.9
45	80.3	175	68.6	84.4	171	47.2
50	78.6	174	68.5	82.6	170	45.1
55	76.8	172	65.9	80.8	168	42.8
60	75.1	171	61.7	79.0	167	41.0
65	73.3	169	59.1	77.2	165	39.4
70	71.5	167	57.1	75.4	163	37.8
75	69.7	165	54.8	73.5	161	36.3
80	67.9	162	52.0	71.7	158	35.2
85	66.0	160	49.4	69.7	156	34.1
90	64.1	157	47.2	68.2	154	32.9
95	62.2	154	45.3	66.2	151	32.6
100	60.2	151	43.6	64.2	147	32.3
105	58.2	148	41.9	62.1	144	32.0
110	56.2	144	40.3	60.0	140	31.6
115	54.0	140	38.9	57.8	136	30.8
120	51.8	136	37.5	55.6	132	30.0
125	49.6	131	36.3	53.2	127	29.3
130	47.2	126	35.3	50.8	122	28.7
135	44.7	121	34.3	48.2	116	28.1
140	42.1	115	33.2	45.5	110	27.7
145	40.0	110	31.5	42.6	103	27.3
150	37.1	102	30.8	39.5	96	27.0
155	33.9	94	30.2	36.1	87	26.7
160				32.2	77	26.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	57.7			
45	81.9	185	55.4			
47				86.0	179	37.3
50	80.3	183	53.2	85.0	179	36.1
55	78.7	182	51.5	83.3	177	34.6
60	77.0	181	49.5	81.6	176	33.1
65	75.4	179	47.2	80.3	174	32.9
70	73.7	177	45.1	78.5	173	32.8
75	72.0	175	43.5	76.8	171	31.8
80	70.3	173	42.0	75.0	168	30.4
85	68.5	171	40.0	73.2	166	29.3
90	66.8	168	38.2	71.4	163	28.4
95	65.0	165	36.6	69.6	161	27.5
100	63.1	162	35.1	67.7	158	26.5
105	61.3	159	33.9	65.7	154	25.7
110	59.8	157	33.0	63.8	151	24.9
115	57.8	153	32.1	61.7	147	24.3
120	55.8	149	31.3	59.7	143	23.7
125	53.8	145	30.6	57.5	139	23.1
130	51.7	141	29.9	55.3	134	22.5
135	49.5	136	29.3	53.0	129	22.0
140	47.2	131	28.7	50.6	124	21.5
145	44.8	125	28.0	48.1	118	21.1
150	42.3	119	27.2	45.4	111	20.9
155	39.6	112	26.5	42.5	104	20.7
160	36.8	104	25.8	39.4	96	20.4
165	33.7	96	25.2	36.0	86	20.2
170				32.1	75	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	47.2			
50	81.9	193	45.3			
54				86.0	187	31.5
55	80.3	192	43.4	85.9	187	31.3
60	78.8	190	41.9	84.3	185	29.7
65	77.2	189	40.3	82.7	184	28.5
70	75.6	187	38.2	81.0	182	27.1
75	74.0	185	36.4	79.4	180	26.0
80	72.4	183	34.9	77.7	178	25.2
85	70.8	181	33.7	76.0	176	24.1
90	69.4	179	32.6	74.3	173	23.2
95	67.8	177	31.5	72.6	171	22.5
100	66.1	174	30.5	70.8	168	21.8
105	64.3	171	29.6	69.0	165	21.1
110	62.6	168	28.8	67.1	162	20.4
115	60.8	165	28.2	65.3	158	19.7
120	58.9	161	27.2	63.3	154	19.2
125	57.0	157	26.2	61.4	150	18.7
130	55.1	153	25.3	59.3	146	18.3
135	53.1	149	24.4	57.2	142	17.9
140	51.0	144	23.7	55.1	137	17.5
145	48.9	139	23.0	52.8	131	17.1
150	46.7	134	22.4	50.4	125	16.8
155	44.4	128	21.8	47.9	119	16.5
160	41.9	121	21.3	45.3	112	16.3
165	39.3	114	20.7	42.4	104	16.2
170	36.5	106	20.2	39.3	96	16.1
175	33.5	98	19.7	35.9	86	15.9
180				32.0	74	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	81.8	202	35.5			
60	80.3	200	34.2			
60				86.0	194	25.1
65	78.9	199	33.1	84.8	193	24.1
70	77.7	198	30.1	83.3	191	23.1
75	76.2	196	29.2	81.7	190	22.1
80	74.6	194	28.4	80.1	188	21.2
85	73.1	192	27.7	78.5	185	20.5
90	71.5	190	27.1	76.9	183	19.7
95	69.9	187	26.5	75.3	181	19.0
100	68.3	185	25.6	73.6	178	18.4
105	66.7	182	24.8	71.9	175	17.8
110	65.1	179	24.1	70.2	172	17.4
115	63.4	176	23.5	68.4	169	16.8
120	61.7	173	22.9	66.6	166	16.3
125	59.9	169	22.3	64.8	162	15.9
130	58.1	165	21.5	62.9	158	15.5
135	56.3	161	20.8	61.0	154	15.2
140	54.4	157	20.1	59.0	149	14.9
145	52.5	153	19.5	57.0	144	14.6
150	50.5	148	18.9	54.8	139	14.3
155	48.4	142	18.4	52.6	133	14.0
160	46.2	137	17.9	50.3	127	13.8
165	43.9	130	17.5	47.8	120	13.6
170	41.5	124	17.1	45.2	113	13.5
175	39.0	116	16.7	42.4	105	13.4
180	36.3	108	16.3	39.3	96	13.3
185	33.3	99	15.9	35.8	85	13.2
190				31.8	72	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>						
45	86.0	214	32.5			
45	86.0	214	30.1			
50	84.9	213	28.9			
55	83.5	212	27.8			
60	82.1	211	26.7			
65	80.7	209	25.6			
67				86.0	201	20.5
70	79.2	208	24.6	85.4	201	20.0
75	77.8	206	23.9	83.9	199	19.1
80	76.4	204	23.2	82.4	197	18.4
85	74.9	202	22.6	80.8	195	17.6
90	73.4	200	22.0	79.3	193	17.0
95	71.9	198	21.6	77.8	191	16.5
100	70.4	196	21.1	76.2	188	15.9
105	68.9	193	20.6	74.6	186	15.4
110	67.3	190	20.1	73.0	183	15.0
115	65.7	187	19.7	71.3	180	14.6
120	64.1	184	19.3	69.6	176	14.2
125	62.5	181	18.9	67.9	173	13.8
130	60.8	177	18.6	66.2	169	13.5
135	59.1	174	18.0	64.4	165	13.2
140	57.4	170	17.5	62.5	161	12.9
145	55.6	165	16.9	60.7	157	12.7
150	53.8	161	16.4	58.7	152	12.4
155	51.9	156	15.9	56.7	147	12.2
160	49.9	151	15.5	54.6	141	11.9
165	47.9	145	15.1	52.4	135	11.7
170	45.7	139	14.8	50.1	129	11.5
175	43.5	133	14.5	47.7	122	11.4
180	41.2	126	14.2	45.1	114	11.3
185	38.7	118	14.0	42.3	105	11.2
190	36.0	110	13.7	39.2	96	11.2
195	33.1	100	13.4	35.7	84	11.1
200				31.6	71	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 36 ft fixed jib</b>						
25	86.0	189	68.8			
30	84.5	188	68.7			
35	82.9	187	68.7	86.0	184	68.0
40	81.3	186	68.7	84.4	183	65.5
45	79.7	185	68.7	82.7	182	64.7
50	78.1	184	68.7	81.1	181	61.4
55	76.5	183	68.7	79.4	180	58.8
60	74.8	181	68.8	77.8	178	56.8
65	73.2	180	68.8	76.1	177	54.3
70	71.5	178	68.9	74.4	175	52.1
75	69.8	176	68.2	72.7	173	50.2
80	68.1	174	66.0	70.9	171	48.7
85	66.4	171	63.6	69.2	168	47.1
90	64.6	169	62.6	67.4	166	45.5
95	62.8	166	61.7	65.5	163	44.1
100	61.0	163	61.0	63.7	160	42.8
105	59.1	160	58.6	61.8	157	41.7
110	57.2	157	55.1	59.8	153	40.8
115	55.3	153	51.9	57.8	149	39.8
120	53.3	149	49.0	55.8	145	38.8
125	51.3	145	46.3	53.7	141	38.0
130	49.1	141	43.9	51.5	137	37.2
135	46.9	136	41.8	49.2	131	36.5
140	44.7	130	39.8	46.9	126	35.9
145	42.3	125	37.7	44.4	120	34.7
150	39.8	118	35.8	41.8	114	33.6
155	37.1	112	34.0	39.6	108	30.6
160	34.9	106	29.0	36.7	100	29.7
165	31.9	98	28.2	33.4	91	28.8



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 46 ft fixed jib</b>						
30	86.0	198	68.9			
30	85.9	197	68.9			
35	84.3	197	68.8			
40	82.8	196	68.7			
42				86.0	192	49.5
45	81.3	195	68.2	85.0	191	47.7
50	79.8	194	67.9	83.4	190	45.7
55	78.2	193	67.5	81.8	189	43.7
60	76.7	191	64.4	80.2	187	41.9
65	75.1	190	61.6	78.6	186	40.4
70	73.5	188	59.1	77.0	184	39.0
75	71.9	186	57.1	75.4	182	37.6
80	70.3	184	55.4	73.7	180	36.3
85	68.7	182	52.8	72.1	178	35.2
90	67.0	179	50.4	70.4	175	34.4
95	65.4	177	48.3	68.6	173	33.4
100	63.7	174	46.4	67.3	170	32.7
105	61.9	171	44.7	65.5	167	32.4
110	60.2	168	43.3	63.7	164	32.1
115	58.4	165	41.8	61.8	161	31.9
120	56.5	161	40.4	59.9	157	31.6
125	54.6	157	39.1	58.0	153	30.8
130	52.7	153	37.8	56.0	149	30.1
135	50.7	149	36.7	54.0	144	29.4
140	48.6	144	35.7	51.8	140	28.8
145	46.5	139	34.8	49.6	134	28.3
150	44.3	133	33.6	47.3	129	27.8
155	42.5	129	31.3	44.9	123	27.5
160	40.0	122	30.2	42.3	116	27.2
165	37.5	115	29.2	39.6	108	26.9
170	34.7	108	28.3	36.6	100	26.7
175	31.7	99	27.4	33.4	91	26.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 56 ft fixed jib</b>						
34	86.0	207	60.8			
35	85.6	206	60.1			
40	84.2	206	57.6			
45	82.7	205	55.9			
48				86.0	199	37.1
50	81.3	204	53.6	85.5	199	36.4
55	79.8	202	51.8	84.0	197	34.9
60	78.3	201	50.3	82.5	196	33.7
65	76.9	200	48.5	81.3	195	33.0
70	75.4	198	46.6	79.7	193	32.7
75	73.8	196	44.8	78.2	191	32.5
80	72.3	194	43.4	76.6	190	31.4
85	70.8	192	42.2	75.0	187	30.3
90	69.2	190	40.5	73.4	185	29.3
95	67.6	188	38.8	71.8	183	28.4
100	66.0	185	37.3	70.2	180	27.7
105	64.4	182	35.9	68.5	177	26.8
110	62.8	179	34.7	66.8	174	26.1
115	61.1	176	33.7	65.1	171	25.4
120	59.7	174	33.0	63.3	168	24.7
125	58.0	170	32.2	61.5	164	24.2
130	56.2	166	31.5	59.6	160	23.7
135	54.4	162	30.7	57.7	156	23.1
140	52.5	158	30.1	55.8	152	22.6
145	50.6	153	29.5	53.8	147	22.2
150	48.6	148	28.9	51.7	142	21.7
155	46.5	143	28.4	49.5	136	21.3
160	44.4	138	27.6	47.2	130	21.0
165	42.1	131	26.9	44.8	124	20.8
170	39.7	125	26.2	42.3	116	20.6
175	37.2	117	25.5	39.5	108	20.4
180	34.5	109	24.9	36.6	100	20.2
185	31.6	100	24.3	33.3	90	20.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 66 ft fixed jib</b>						
38	86.0	216	50.0			
40	85.4	215	49.0			
45	84.0	214	47.0			
50	82.7	213	45.6			
55				86.0	206	29.6
55	81.3	212	43.7	86.0	206	31.3
60	79.9	211	42.1	84.8	205	30.0
65	78.4	209	40.9	83.4	204	28.8
70	77.0	208	39.4	81.9	202	27.7
75	75.6	206	37.7	80.4	201	26.6
80	74.1	204	36.2	79.0	199	25.7
85	72.7	202	34.8	77.5	197	24.9
90	71.2	200	33.7	75.9	195	24.0
95	70.0	199	33.0	74.4	192	23.2
100	68.5	196	31.9	72.8	190	22.5
105	67.0	194	31.0	71.3	187	21.9
110	65.4	191	30.1	69.7	184	21.3
115	63.9	188	29.3	68.0	181	20.6
120	62.3	185	28.5	66.4	178	20.0
125	60.6	182	27.9	64.7	175	19.5
130	59.0	178	27.1	62.9	171	19.0
135	57.3	174	26.2	61.2	167	18.6
140	55.5	170	25.4	59.3	163	18.2
145	53.8	166	24.6	57.5	159	17.8
150	51.9	162	23.9	55.6	154	17.5
155	50.0	157	23.2	53.6	149	17.2
160	48.1	152	22.6	51.5	144	16.9
165	46.1	146	22.1	49.4	138	16.6
170	44.0	140	21.6	47.1	131	16.4
175	41.8	134	21.1	44.7	124	16.2
180	39.4	127	20.7	42.2	117	16.1
185	36.9	119	20.2	39.5	109	16.0
190	34.3	111	19.8	36.5	99	15.9
195	31.4	102	19.4	33.2	88	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft fixed jib</b>						
42	86.0	224	39.5			
45	85.2	224	38.4			
50	83.9	223	36.8			
55	82.6	222	35.6			
60	81.2	221	34.3			
62				86.0	214	24.9
65	79.9	219	33.2	85.3	213	24.3
70	78.8	218	30.1	83.9	212	23.3
75	77.5	217	29.4	82.5	210	22.5
80	76.1	215	28.7	81.1	208	21.6
85	74.7	213	28.0	79.7	206	20.8
90	73.3	211	27.5	78.2	204	20.2
95	71.9	209	27.0	76.8	202	19.6
100	70.5	207	26.6	75.3	200	18.9
105	69.0	204	25.8	73.8	197	18.3
110	67.5	202	25.1	72.3	195	17.8
115	66.1	199	24.4	70.7	192	17.4
120	64.5	196	23.8	69.1	189	16.9
125	63.0	193	23.2	67.6	185	16.4
130	61.5	190	22.7	65.9	182	16.0
135	59.9	186	22.2	64.3	178	15.7
140	58.3	183	21.5	62.6	175	15.3
145	56.6	179	20.8	60.8	170	15.1
150	54.9	174	20.2	59.1	166	14.8
155	53.2	170	19.6	57.2	161	14.5
160	51.4	165	19.1	55.3	156	14.3
165	49.5	160	18.6	53.4	151	14.1
170	47.6	155	18.1	51.3	145	13.8
175	45.6	149	17.7	49.2	139	13.7
180	43.6	143	17.4	47.0	133	13.5
185	41.4	136	17.0	44.6	125	13.4
190	39.1	129	16.7	42.1	117	13.3
195	36.7	121	16.4	39.4	109	13.3
200	34.1	113	16.1	36.4	99	13.2
205	31.2	103	15.8	33.1	87	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft fixed jib</b>						
46	86.0	233	29.7			
50	85.3	233	28.9			
55	84.1	232	27.8			
60	82.8	231	26.9			
65	81.5	229	25.8			
68				86.0	221	20.3
70	80.2	228	24.9	85.8	221	20.2
75	78.9	227	24.1	84.4	219	19.3
80	77.6	225	23.5	83.1	218	18.7
85	76.3	223	22.9	81.7	216	17.9
90	74.9	221	22.4	80.3	214	17.3
95	73.6	219	21.9	78.9	212	16.8
100	72.2	217	21.5	77.5	210	16.3
105	70.8	215	21.2	76.1	207	15.8
110	69.5	212	20.7	74.7	205	15.3
115	68.1	210	20.2	73.2	202	14.9
120	66.6	207	19.8	71.7	199	14.6
125	65.2	204	19.4	70.2	196	14.3
130	63.7	201	19.0	68.7	193	13.9
135	62.2	198	18.7	67.1	189	13.6
140	60.7	194	18.5	65.5	186	13.3
145	59.2	191	17.9	63.9	182	13.1
150	57.6	187	17.4	62.2	178	12.8
155	56.0	183	16.9	60.5	173	12.6
160	54.3	178	16.5	58.8	169	12.4
165	52.6	174	16.0	57.0	164	12.2
170	50.9	169	15.7	55.1	159	12.0
175	49.1	164	15.3	53.2	153	11.8
180	47.2	158	15.0	51.2	147	11.6
185	45.2	152	14.7	49.1	141	11.4
190	43.2	146	14.4	46.9	134	11.3
195	41.1	139	14.2	44.5	126	11.2
200	38.8	131	13.9	42.0	118	11.2
205	36.5	123	13.7	39.3	109	11.1
210	33.9	114	13.5	36.3	98	11.1
215	31.1	104	13.3	33.0	86	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 36 ft fixed jib</b>						
27	86.0	207	68.8			
30	85.0	207	68.8			
35	83.6	206	68.9			
36				86.0	203	67.4
40	82.1	205	68.9	84.9	202	65.6
45	80.7	204	68.8	83.4	201	64.5
50	79.2	203	68.8	82.0	200	62.6
55	77.8	202	68.7	80.5	199	59.7
60	76.3	201	68.7	79.0	198	57.4
65	74.8	199	68.8	77.5	196	55.6
70	73.3	198	68.8	75.9	195	53.5
75	71.8	196	68.9	74.4	193	51.6
80	70.3	194	69.0	72.8	191	50.0
85	68.7	192	65.6	71.3	189	48.7
90	67.2	190	60.9	69.7	186	47.4
95	65.6	187	58.5	68.1	184	45.9
100	64.0	185	56.2	66.4	181	44.6
105	62.3	182	54.3	64.8	179	43.4
110	60.7	179	52.6	63.1	176	42.3
115	59.0	176	50.1	61.4	172	41.4
120	57.3	173	47.2	59.6	169	40.4
125	55.5	169	44.5	57.8	165	39.2
130	53.7	165	42.0	56.0	161	38.0
135	51.9	161	39.7	54.1	157	37.0
140	50.0	157	37.6	52.2	153	36.0
145	48.1	152	35.7	50.1	148	35.1
150	46.0	147	34.1	48.1	143	34.3
155	44.4	143	31.6	45.9	137	33.2
160	42.2	137	30.1	44.1	133	31.5
165	40.0	131	28.7	41.8	126	29.9
170	37.6	124	27.3	39.3	119	28.4
175	35.1	117	26.0	36.7	111	26.9
180	32.4	109	24.7	33.8	103	25.6

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 46 ft fixed jib</b>						
31	86.0	216	68.9			
35	84.9	216	69.0			
40	83.5	215	69.0			
43				86.0	210	49.1
45	82.1	214	68.6	85.4	210	48.1
50	80.7	213	67.8	84.0	209	46.0
55	79.3	212	67.2	82.6	208	44.5
60	77.9	211	66.7	81.1	206	42.6
65	76.5	209	64.2	79.7	205	41.1
70	75.1	208	61.5	78.2	203	39.9
75	73.6	206	59.1	76.8	202	38.6
80	72.2	204	57.1	75.3	200	37.3
85	70.7	202	55.4	73.8	198	36.2
90	69.2	200	53.3	72.3	196	35.2
95	67.7	198	51.1	70.8	193	34.4
100	66.2	195	49.1	69.2	191	33.6
105	64.7	193	47.2	68.0	189	32.8
110	63.1	190	45.6	66.4	186	32.5
115	61.5	187	44.1	64.8	183	32.2
120	59.9	184	42.8	63.1	180	32.0
125	58.3	181	41.0	61.4	176	31.7
130	56.6	177	39.3	59.7	173	31.4
135	54.9	173	37.7	58.0	169	30.7
140	53.2	169	36.3	56.2	165	30.1
145	51.4	165	34.9	54.3	161	29.5
150	49.5	160	33.7	52.4	156	28.9
155	48.0	157	32.3	50.5	151	28.4
160	46.1	151	31.7	48.4	145	28.0
165	44.0	146	30.2	46.3	140	27.4
170	41.9	140	28.6	44.1	133	26.5
175	39.7	133	27.2	41.8	127	25.5
180	37.4	127	25.8	39.3	119	24.6
185	34.9	119	24.5	36.6	111	23.8
190	32.2	110	23.2	33.7	102	23.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 56 ft fixed jib</b>						
35	86.0	225	59.0			
40	84.7	224	56.7			
45	83.4	224	55.0			
50				86.0	218	36.8
50	82.0	223	53.2	85.9	218	36.7
55	80.7	222	51.3	84.5	217	35.2
60	79.4	220	49.7	83.1	215	34.1
65	78.0	219	48.5	82.1	214	33.2
70	76.7	218	47.0	80.7	213	32.8
75	75.3	216	45.5	79.3	211	32.5
80	73.9	214	44.1	77.9	209	32.2
85	72.5	212	43.0	76.4	207	31.2
90	71.1	210	42.0	75.0	205	30.1
95	69.7	208	40.8	73.5	203	29.2
100	68.3	206	39.2	72.1	201	28.4
105	66.8	203	37.8	70.6	198	27.8
110	65.3	201	36.5	69.1	196	27.0
115	63.8	198	35.3	67.5	193	26.2
120	62.3	195	34.2	66.0	190	25.6
125	60.8	192	33.3	64.4	187	24.9
130	59.6	189	33.0	62.8	183	24.4
135	58.0	186	32.2	61.1	180	23.9
140	56.3	182	31.5	59.5	176	23.4
145	54.7	178	30.8	57.7	172	23.0
150	53.0	174	30.2	56.0	167	22.5
155	51.2	170	29.6	54.2	163	22.1
160	49.4	165	29.0	52.3	158	21.7
165	47.6	160	28.5	50.3	153	21.4
170	45.7	154	27.7	48.3	147	21.1
175	43.7	149	26.5	46.2	141	20.8
180	41.6	142	25.3	44.0	134	20.6
185	39.4	136	24.2	41.7	127	20.5
190	37.2	129	23.2	39.2	119	20.3
195	34.7	121	22.1	36.6	111	20.1
200	32.1	112	21.2	33.7	101	20.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 66 ft fixed jib</b>						
39	86.0	234	48.8			
40	85.8	234	48.5			
45	84.5	233	46.5			
50	83.3	232	45.1			
55	82.0	231	43.6			
56				86.0	225	31.0
60	80.7	230	42.0	85.3	224	30.3
65	79.4	229	40.7	84.0	223	29.1
70	78.1	227	39.7	82.6	222	28.2
75	76.8	226	38.3	81.3	220	27.0
80	75.5	224	36.9	79.9	219	26.1
85	74.2	222	35.7	78.6	217	25.3
90	72.8	221	34.6	77.2	215	24.6
95	71.5	218	33.7	75.8	213	23.8
100	70.4	217	33.1	74.4	210	23.1
105	69.0	214	32.1	73.0	208	22.4
110	67.6	212	31.2	71.5	206	21.9
115	66.2	209	30.3	70.1	203	21.4
120	64.8	207	29.5	68.6	200	20.8
125	63.4	204	28.8	67.1	197	20.2
130	61.9	201	28.2	65.6	194	19.7
135	60.4	197	27.7	64.0	190	19.3
140	58.9	194	26.9	62.5	187	18.9
145	57.3	190	26.1	60.8	183	18.5
150	55.7	186	25.3	59.2	179	18.2
155	54.1	182	24.6	57.5	175	17.8
160	52.4	178	24.0	55.8	170	17.5
165	50.7	173	23.4	54.0	165	17.2
170	49.0	168	22.8	52.1	160	16.9
175	47.2	163	22.3	50.2	154	16.7
180	45.3	157	21.8	48.2	148	16.4
185	43.4	151	21.3	46.1	142	16.3
190	41.3	145	20.8	44.0	135	16.2
195	39.2	138	20.3	41.7	128	16.1
200	36.9	131	19.8	39.2	119	16.0
205	34.5	122	19.3	36.5	110	15.9
210	31.9	113	18.9	33.6	100	15.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft fixed jib</b>						
43	86.0	243	38.4			
45	85.6	243	37.9			
50	84.4	242	36.4			
55	83.2	241	35.3			
60	81.9	240	34.2			
63				86.0	232	24.8
65	81.0	239	31.1	85.7	232	24.5
70	79.7	238	30.2	84.4	231	23.5
75	78.5	236	29.4	83.2	229	22.8
80	77.2	235	28.8	81.9	228	22.0
85	76.0	233	28.2	80.5	226	21.2
90	74.7	231	27.6	79.2	224	20.5
95	73.4	229	27.1	77.9	222	20.0
100	72.1	227	26.7	76.6	220	19.4
105	70.8	225	26.4	75.2	218	18.8
110	69.5	223	25.8	73.8	215	18.2
115	68.1	220	25.1	72.5	213	17.8
120	66.8	217	24.5	71.0	210	17.4
125	65.4	215	23.9	69.6	207	17.0
130	64.0	212	23.4	68.2	204	16.6
135	62.6	209	22.9	66.7	201	16.2
140	61.2	205	22.5	65.2	197	15.8
145	59.7	202	22.0	63.7	194	15.5
150	58.2	198	21.3	62.1	190	15.2
155	56.7	194	20.7	60.6	186	15.0
160	55.1	190	20.2	58.9	182	14.7
165	53.6	186	19.6	57.3	177	14.5
170	51.9	181	19.1	55.6	172	14.2
175	50.3	177	18.7	53.8	167	14.0
180	48.5	172	18.3	52.0	162	13.8
185	46.8	166	17.9	50.1	156	13.6
190	44.9	160	17.6	48.1	150	13.4
195	43.0	154	17.2	46.1	143	13.3
200	41.0	147	16.9	43.9	136	13.3
205	38.9	140	16.6	41.6	128	13.2
210	36.7	132	16.3	39.1	119	13.2
215	34.3	124	16.1	36.5	110	13.1
220	31.8	114	15.8	33.5	99	13.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft fixed jib</b>						
48	86.0	252	29.1			
50	85.7	252	28.8			
55	84.5	251	27.6			
60	83.3	250	26.7			
65	82.1	249	25.9			
69				86.0	240	20.5
70	81.0	247	25.0	86.0	240	20.2
75	79.8	246	24.3	84.9	238	19.4
80	78.6	245	23.6	83.6	237	18.8
85	77.3	243	23.1	82.4	235	18.2
90	76.1	241	22.6	81.1	233	17.6
95	74.9	239	22.1	79.9	232	17.0
100	73.6	237	21.7	78.6	230	16.6
105	72.4	235	21.3	77.3	227	16.2
110	71.1	233	21.0	76.0	225	15.7
115	69.9	231	20.6	74.6	223	15.3
120	68.6	228	20.2	73.3	220	14.9
125	67.3	226	19.8	71.9	217	14.6
130	65.9	223	19.4	70.6	214	14.4
135	64.6	220	19.1	69.2	211	14.0
140	63.2	217	18.8	67.8	208	13.7
145	61.9	214	18.5	66.3	205	13.4
150	60.5	210	18.3	64.9	201	13.1
155	59.0	206	17.8	63.4	197	12.9
160	57.6	203	17.3	61.8	193	12.6
165	56.1	199	16.9	60.3	189	12.5
170	54.6	194	16.5	58.7	185	12.3
175	53.0	190	16.1	57.0	180	12.1
180	51.4	185	15.7	55.4	175	11.9
185	49.8	180	15.4	53.6	169	11.7
190	48.1	175	15.1	51.8	164	11.6
195	46.4	169	14.8	49.9	158	11.4
200	44.6	163	14.6	48.0	151	11.3
205	42.7	157	14.3	46.0	144	11.2
210	40.7	150	14.1	43.8	137	11.2
215	38.7	142	13.9	41.5	128	11.2
220	36.5	134	13.7	39.1	119	11.1
225	34.1	125	13.5	36.4	109	11.1
230	31.6	116	13.3	33.4	98	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 36 ft fixed jib</b>						
28	86.0	227	68.7			
30	85.5	227	68.7			
35	84.2	226	68.7			
38				86.0	223	66.7
40	82.9	225	68.7	85.4	222	65.6
45	81.5	224	68.8	84.0	221	63.0
50	80.2	223	68.8	82.7	220	63.4
55	78.9	222	68.8	81.4	219	61.0
60	77.5	221	68.9	80.0	218	58.6
65	76.2	220	67.0	78.6	217	56.8
70	74.8	218	64.3	77.3	215	55.2
75	73.5	217	63.4	75.9	214	53.3
80	72.1	215	62.6	74.5	212	51.6
85	70.7	213	62.0	73.1	210	50.1
90	69.3	211	59.9	71.7	208	48.8
95	67.9	209	56.6	70.2	206	47.7
100	66.5	207	53.6	68.8	203	46.4
105	65.0	204	50.9	67.3	201	45.1
110	63.6	202	48.5	65.8	198	44.0
115	62.1	199	46.3	64.3	195	42.9
120	60.6	196	44.4	62.8	192	42.0
125	59.0	193	42.3	61.2	189	41.1
130	57.5	190	40.0	59.6	186	40.0
135	55.9	186	37.9	58.0	182	38.0
140	54.3	182	36.0	56.3	178	36.1
145	52.6	178	34.1	54.6	174	34.4
150	51.3	175	29.8	53.3	171	29.9
155	49.6	171	29.3	51.5	167	29.2
160	47.8	166	28.8	49.7	162	28.6
165	45.9	161	28.0	47.8	157	28.0
170	44.0	156	26.6	45.8	151	27.1
175	42.1	150	25.2	43.8	145	25.7
180	40.0	144	23.9	41.7	139	24.3
185	37.9	137	22.6	39.4	132	23.0
190	35.6	130	21.4	37.0	124	21.7
195	33.2	122	20.2	34.5	116	20.5
200	30.6	114	19.1	31.8	107	19.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 46 ft fixed jib</b>						
32	86.0	236	68.7			
35	85.3	236	68.7			
40	84.0	235	68.8			
44				86.0	230	48.5
45	82.8	234	68.9	85.8	230	48.3
50	81.5	233	68.0	84.5	229	46.4
55	80.2	232	67.0	83.2	228	45.0
60	79.0	231	66.3	81.9	227	43.5
65	77.7	230	65.6	80.6	225	41.9
70	76.4	228	64.1	79.3	224	40.5
75	75.1	227	61.5	78.0	222	39.5
80	73.8	225	59.2	76.6	221	38.3
85	72.4	223	57.2	75.3	219	37.1
90	71.1	221	55.4	73.9	217	36.1
95	69.8	219	53.7	72.6	215	35.2
100	68.4	217	51.2	71.2	213	34.5
105	67.0	215	48.8	69.8	210	33.8
110	65.6	212	46.7	68.7	208	33.0
115	64.2	210	44.7	67.2	206	32.7
120	62.8	207	43.0	65.8	203	32.4
125	61.4	204	41.4	64.3	200	32.1
130	59.9	201	40.0	62.8	197	31.8
135	58.4	198	38.0	61.3	193	31.6
140	56.9	194	36.1	59.7	190	31.2
145	55.3	190	34.3	58.1	186	30.2
150	54.1	187	29.5	56.5	182	29.3
155	52.5	183	28.6	54.8	178	28.5
160	50.8	179	27.8	53.1	173	27.7
165	49.1	174	27.1	51.4	169	26.9
170	47.4	169	26.5	49.6	163	26.2
175	45.6	164	25.4	47.7	158	25.6
180	43.7	159	24.2	45.8	152	24.7
185	41.8	153	22.9	43.7	146	23.4
190	39.8	146	21.7	41.6	139	22.2
195	37.7	139	20.6	39.4	132	21.0
200	35.4	132	19.5	37.0	124	19.8
205	33.0	124	18.4	34.5	116	18.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 56 ft fixed jib</b>						
36	86.0	245	57.7			
40	85.1	244	56.2			
45	83.9	244	54.3			
50	82.7	243	52.9			
51				86.0	237	36.6
55	81.5	242	51.1	85.0	237	35.4
60	80.3	241	49.4	83.7	235	34.3
65	79.0	239	48.1	82.5	234	33.4
70	77.8	238	47.0	81.5	233	32.9
75	76.5	237	45.8	80.2	232	32.5
80	75.3	235	44.6	78.9	230	32.2
85	74.0	233	43.5	77.6	228	32.0
90	72.7	231	42.6	76.3	226	30.9
95	71.5	230	41.8	75.0	225	30.0
100	70.2	227	41.1	73.7	222	29.2
105	68.9	225	39.6	72.4	220	28.5
110	67.5	223	38.3	71.0	218	27.8
115	66.2	220	37.0	69.6	215	27.2
120	64.8	218	35.9	68.2	213	26.5
125	63.5	215	34.8	66.8	210	25.8
130	62.1	212	33.9	65.4	207	25.2
135	60.7	209	33.1	64.0	204	24.7
140	59.5	206	32.8	62.5	200	24.2
145	58.1	203	31.5	61.0	197	23.8
150	56.6	199	30.2	59.5	193	23.4
155	55.1	195	29.0	57.9	189	22.9
160	53.6	191	27.8	56.3	185	22.5
165	52.0	187	26.8	54.7	180	22.1
170	50.4	182	25.8	53.0	175	21.8
175	48.7	178	24.9	51.3	170	21.5
180	47.0	173	24.1	49.5	165	21.2
185	45.2	167	23.1	47.6	159	20.9
190	43.4	161	22.0	45.7	153	20.4
195	41.5	155	20.9	43.7	147	19.6
200	39.5	149	19.8	41.6	140	18.8
205	37.4	141	18.8	39.4	132	18.1
210	35.2	134	17.9	37.0	124	17.4
215	32.9	125	17.0	34.4	115	16.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft fixed jib</b>						
41	86.0	254	47.7			
45	85.0	253	46.1			
50	83.8	252	44.6			
55	82.6	251	43.5			
58				86.0	245	30.8
60	81.5	250	41.9	85.7	244	30.5
65	80.3	249	40.6	84.5	243	29.3
70	79.1	248	39.5	83.2	242	28.4
75	77.9	246	38.6	82.0	241	27.5
80	76.7	245	37.4	80.8	239	26.5
85	75.5	243	36.3	79.5	237	25.7
90	74.3	242	35.3	78.3	236	25.1
95	73.0	240	34.3	77.0	234	24.4
100	71.8	238	33.5	75.8	232	23.7
105	70.8	236	32.7	74.5	230	23.0
110	69.5	234	32.1	73.2	227	22.4
115	68.3	231	31.3	71.9	225	21.9
120	67.0	229	30.5	70.5	222	21.5
125	65.7	226	29.8	69.2	220	21.0
130	64.4	224	29.1	67.8	217	20.4
135	63.0	221	28.5	66.5	214	19.9
140	61.7	218	27.9	65.1	210	19.5
145	60.3	214	27.5	63.6	207	19.1
150	58.9	211	26.7	62.2	204	18.7
155	57.5	207	26.0	60.7	200	18.4
160	56.0	203	25.3	59.2	196	18.1
165	54.6	199	24.6	57.7	192	17.8
170	53.1	195	24.0	56.1	187	17.5
175	51.5	191	23.4	54.5	183	17.2
180	49.9	186	22.8	52.8	178	17.0
185	48.3	181	22.3	51.1	172	16.7
190	46.6	176	21.9	49.4	167	16.5
195	44.9	170	20.9	47.5	161	16.3
200	43.1	164	20.0	45.6	154	16.1
205	41.2	158	19.1	43.6	148	15.8
210	39.3	151	18.2	41.5	140	15.6
215	37.2	144	17.3	39.3	132	15.4
220	35.1	136	16.5	36.9	124	15.1
225	32.8	127	15.7	34.4	114	14.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft fixed jib</b>						
45	86.0	263	37.6			
45	85.9	263	37.5			
50	84.8	262	36.2			
55	83.7	261	35.1			
60	82.6	260	34.2			
64				86.0	252	24.1
65	81.4	259	33.1	86.0	252	24.6
70	80.5	258	30.1	84.9	251	23.7
75	79.4	257	29.3	83.7	250	22.9
80	78.2	255	28.7	82.5	248	22.3
85	77.1	254	28.2	81.3	246	21.5
90	75.9	252	27.7	80.1	245	20.8
95	74.7	250	27.2	78.9	243	20.3
100	73.5	248	26.8	77.7	241	19.9
105	72.3	246	26.5	76.5	239	19.2
110	71.1	244	26.2	75.2	237	18.7
115	69.9	242	25.8	74.0	234	18.2
120	68.7	240	25.1	72.7	232	17.8
125	67.5	237	24.5	71.4	229	17.4
130	66.2	234	24.0	70.1	227	17.1
135	64.9	232	23.4	68.8	224	16.7
140	63.6	229	23.0	67.5	221	16.3
145	62.3	226	22.5	66.1	218	16.0
150	61.0	222	22.2	64.7	214	15.7
155	59.7	219	21.7	63.3	211	15.4
160	58.3	215	21.2	61.9	207	15.1
165	56.9	212	20.6	60.5	203	14.9
170	55.5	208	20.1	59.0	199	14.7
175	54.1	203	19.6	57.5	194	14.5
180	52.6	199	19.2	55.9	190	14.3
185	51.1	194	18.8	54.3	185	14.1
190	49.5	189	18.4	52.7	180	13.9
195	47.9	184	18.0	51.0	174	13.7
200	46.3	179	17.6	49.2	168	13.6
205	44.6	173	17.1	47.4	162	13.4
210	42.8	167	16.6	45.5	156	13.4
215	41.0	160	16.1	43.6	148	13.3
220	39.0	153	15.6	41.5	141	13.3
225	37.0	145	15.1	39.2	132	13.2
230	34.9	137	14.6	36.9	123	13.2
235	32.6	128	14.2	34.3	113	13.1



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft fixed jib</b>						
49	86.0	272	30.8			
50	86.0	272	28.6			
55	84.9	271	27.5			
60	83.8	270	26.6			
65	82.7	269	25.9			
70	81.6	268	25.1			
71				86.0	259	20.0
75	80.5	266	24.4	85.3	259	19.5
80	79.4	265	23.7	84.1	257	18.9
85	78.3	264	23.2	83.0	256	18.4
90	77.2	262	22.8	81.8	254	17.8
95	76.1	260	22.3	80.7	252	17.3
100	74.9	258	21.9	79.5	250	16.8
105	73.8	257	21.5	78.3	248	16.4
110	72.6	254	21.2	77.1	246	16.0
115	71.5	252	20.9	75.9	244	15.6
120	70.3	250	20.6	74.7	242	15.2
125	69.1	248	20.2	73.5	239	14.9
130	67.9	245	19.8	72.2	237	14.6
135	66.7	242	19.5	71.0	234	14.4
140	65.5	240	19.2	69.7	231	14.1
145	64.2	237	18.9	68.4	228	13.8
150	63.0	234	18.6	67.1	225	13.5
155	61.7	230	18.3	65.8	221	13.3
160	60.4	227	18.1	64.4	218	13.0
165	59.1	223	17.7	63.0	214	12.8
170	57.7	220	17.3	61.6	210	12.6
175	56.4	216	16.9	60.2	206	12.5
180	55.0	212	16.5	58.7	202	12.3
185	53.6	207	16.1	57.3	197	12.1
190	52.1	203	15.8	55.7	192	11.9
195	50.6	198	15.5	54.2	187	11.8
200	49.1	193	15.2	52.5	182	11.6
205	47.5	187	14.9	50.9	176	11.5
210	45.9	182	14.7	49.1	170	11.4
215	44.2	176	14.4	47.3	163	11.3
220	42.5	169	14.1	45.5	157	11.2
225	40.7	162	13.8	43.5	149	11.2
230	38.8	155	13.6	41.4	141	11.1
235	36.8	147	13.3	39.2	132	11.1
240	34.7	139	13.1	36.8	123	11.1
245	32.4	130	12.9	34.2	112	11.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 36 ft fixed jib</b>						
29	86.0	245	68.9			
30	85.8	245	69.0			
35	84.6	245	68.9			
39				86.0	241	58.1
40	83.4	244	68.8	85.8	241	58.4
45	82.2	243	68.7	84.5	240	58.0
50	81.0	243	68.8	83.3	239	57.8
55	79.8	242	68.8	82.1	238	57.4
60	78.5	240	68.9	80.8	237	56.5
65	77.3	239	68.9	79.6	236	55.9
70	76.1	238	63.5	78.3	235	55.3
75	74.8	236	60.9	77.0	233	54.5
80	73.6	235	58.6	75.8	232	52.8
85	72.3	233	56.6	74.5	230	51.4
90	71.0	231	54.9	73.2	228	50.1
95	69.7	229	53.1	71.9	226	48.9
100	68.4	227	50.3	70.6	224	48.0
105	67.1	225	47.7	69.2	222	46.4
110	65.8	223	45.3	67.9	219	44.3
115	64.5	220	43.1	66.5	217	42.4
120	63.1	218	41.1	65.2	214	40.6
125	61.7	215	39.3	63.8	211	39.0
130	60.4	212	37.8	62.3	208	37.6
135	58.9	209	36.0	60.9	205	36.4
140	57.5	205	34.2	59.4	202	35.0
145	56.4	203	29.8	58.0	198	33.2
150	54.9	199	28.6	56.8	195	30.0
155	53.4	195	27.4	55.2	191	28.5
160	51.8	191	26.3	53.6	187	27.2
165	50.2	187	25.2	52.0	183	25.9
170	48.6	182	24.3	50.4	178	24.8
175	47.0	177	23.5	48.7	173	23.7
180	45.3	172	22.4	46.9	168	22.8
185	43.5	167	21.3	45.1	162	21.7
190	41.7	161	20.2	43.2	156	20.5
195	39.8	155	19.1	41.2	150	19.4
200	37.8	148	18.1	39.2	143	18.4
205	35.7	141	17.1	37.0	136	17.4
210	33.5	133	16.2	34.7	128	16.4
215	31.1	125	15.3	32.2	119	15.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 46 ft fixed jib</b>						
34	86.0	255	60.7			
35	85.7	254	65.5			
40	84.5	254	60.5			
45	83.3	253	60.4			
46				86.0	249	48.4
50	82.2	252	60.4	85.0	248	46.9
55	81.0	251	60.4	83.8	247	45.2
60	79.8	250	60.5	82.6	246	44.0
65	78.6	249	60.5	81.4	245	42.4
70	77.4	248	60.6	80.2	243	41.1
75	76.2	246	58.2	78.9	242	39.9
80	75.0	245	55.9	77.7	240	39.0
85	73.8	243	53.9	76.5	239	38.0
90	72.6	241	52.0	75.2	237	36.9
95	71.4	239	50.4	74.0	235	36.0
100	70.1	237	49.1	72.7	233	35.2
105	68.9	235	46.8	71.4	231	34.5
110	67.6	233	44.5	70.2	229	33.9
115	66.3	231	42.4	68.8	226	33.1
120	65.0	228	40.4	67.8	224	32.7
125	63.7	226	38.6	66.5	221	32.4
130	62.4	223	37.0	65.1	219	32.1
135	61.1	220	35.6	63.8	216	31.8
140	59.7	217	34.2	62.4	212	31.5
145	58.6	214	31.6	61.0	209	31.3
150	57.2	211	30.0	59.5	206	30.6
155	55.8	207	28.4	58.1	202	29.1
160	54.4	203	26.9	56.6	198	27.7
165	52.9	199	25.5	55.1	194	26.3
170	51.4	195	24.2	53.5	189	25.0
175	49.8	190	23.0	51.9	185	23.8
180	48.2	186	21.9	50.3	180	22.7
185	46.6	181	20.9	48.6	175	21.7
190	44.9	175	19.9	46.9	169	20.8
195	43.2	170	19.0	45.1	163	19.8
200	41.4	164	18.1	43.2	157	18.8
205	39.5	157	17.2	41.2	150	17.8
210	37.6	151	16.3	39.2	143	16.9
215	35.5	143	15.5	37.0	135	16.0
220	33.4	135	14.7	34.7	127	15.1
225	31.0	126	14.0	32.2	117	14.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 56 ft fixed jib</b>						
38	86.0	263	54.9			
40	85.5	263	54.4			
45	84.4	262	52.7			
50	83.2	262	51.3			
52				86.0	256	36.3
55	82.1	261	50.0	85.4	255	35.6
60	81.0	260	48.4	84.2	254	34.5
65	79.8	259	47.0	83.1	253	33.6
70	78.7	257	45.9	82.1	252	33.2
75	77.5	256	45.0	81.0	251	32.7
80	76.4	255	44.1	79.8	249	32.3
85	75.2	253	43.3	78.6	248	32.0
90	74.1	251	42.6	77.4	246	31.6
95	72.9	250	41.9	76.2	244	30.7
100	71.7	248	41.4	75.0	243	29.8
105	70.5	246	40.9	73.8	240	29.1
110	69.3	243	39.9	72.5	238	28.4
115	68.1	241	38.5	71.3	236	27.8
120	66.8	239	37.2	70.0	234	27.3
125	65.6	236	36.1	68.7	231	26.6
130	64.3	234	35.0	67.5	228	26.0
135	63.0	231	34.0	66.1	225	25.4
140	61.8	228	33.2	64.8	222	24.9
145	60.7	225	32.2	63.5	219	24.4
150	59.4	222	31.4	62.1	216	24.0
155	58.1	219	29.7	60.7	212	23.6
160	56.7	215	28.1	59.3	209	23.1
165	55.3	211	26.6	57.9	205	22.5
170	53.9	207	25.2	56.4	201	21.9
175	52.4	203	23.9	54.9	196	21.3
180	51.0	199	22.7	53.4	192	20.8
185	49.4	194	21.5	51.8	187	20.3
190	47.9	189	20.5	50.2	182	19.8
195	46.3	184	19.5	48.5	176	19.4
200	44.6	178	18.6	46.8	170	19.0
205	42.9	173	17.7	45.0	164	18.2
210	41.2	166	16.9	43.1	158	17.3
215	39.3	160	16.0	41.2	151	16.4
220	37.4	153	15.2	39.1	143	15.6
225	35.4	145	14.5	37.0	135	14.7
230	33.2	137	13.7	34.6	126	14.0
235	30.9	128	13.0	32.1	116	13.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft fixed jib</b>						
42	86.0	272	46.1			
45	85.3	272	45.2			
50	84.2	271	43.6			
55	83.2	270	42.5			
59				86.0	263	29.0
60	82.1	269	41.3	86.0	263	30.6
65	81.0	268	40.1	84.9	262	29.4
70	79.9	267	39.0	83.7	261	28.5
75	78.8	266	38.0	82.6	260	27.8
80	77.6	264	37.3	81.5	258	26.9
85	76.5	263	36.4	80.3	257	26.1
90	75.4	261	35.5	79.2	255	25.4
95	74.3	260	34.7	78.0	253	24.8
100	73.1	258	34.0	76.8	252	24.2
105	72.0	256	33.4	75.7	250	23.5
110	71.1	254	32.1	74.5	248	22.9
115	69.9	252	31.8	73.3	245	22.4
120	68.7	250	31.1	72.1	243	21.9
125	67.5	247	30.4	70.8	241	21.5
130	66.3	245	29.7	69.6	238	21.1
135	65.1	242	29.1	68.4	235	20.6
140	63.9	239	28.6	67.1	232	20.1
145	62.7	236	28.1	65.8	229	19.7
150	61.4	233	27.6	64.5	226	19.3
155	60.1	230	27.2	63.2	223	18.9
160	58.8	227	26.1	61.9	219	18.6
165	57.5	223	24.9	60.5	215	18.3
170	56.2	219	23.8	59.1	212	18.0
175	54.8	215	22.8	57.7	207	17.7
180	53.4	211	21.8	56.2	203	17.5
185	52.0	207	20.9	54.8	199	17.2
190	50.5	202	20.0	53.2	194	17.0
195	49.0	197	19.2	51.7	189	16.7
200	47.5	192	18.5	50.1	183	16.5
205	45.9	187	17.7	48.4	178	16.3
210	44.3	181	16.9	46.7	172	16.1
215	42.6	175	16.1	44.9	165	15.5
220	40.9	169	15.3	43.1	159	14.8
225	39.1	162	14.6	41.1	151	14.2
230	37.2	155	13.8	39.1	143	13.6
235	35.2	147	13.1	36.9	135	13.0
240	33.1	138	12.4	34.6	125	12.4
245	30.8	129	11.8	32.0	115	11.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft fixed jib</b>						
46	86.0	281	36.3			
50	85.2	281	35.4			
55	84.1	280	34.3			
60	83.1	279	33.4			
65	82.2	278	30.7			
66				86.0	271	24.4
70	81.2	277	29.8	85.3	270	23.8
75	80.1	276	29.1	84.2	269	23.0
80	79.0	274	28.4	83.1	267	22.4
85	78.0	273	27.9	82.0	266	21.8
90	76.9	272	27.4	80.8	264	21.1
95	75.8	270	27.0	79.7	263	20.5
100	74.7	268	26.6	78.6	261	20.1
105	73.6	266	26.3	77.5	259	19.7
110	72.5	264	25.9	76.3	257	19.1
115	71.4	262	25.7	75.2	255	18.6
120	70.2	260	25.4	74.0	253	18.2
125	69.1	258	24.9	72.8	250	17.8
130	68.0	255	24.4	71.6	248	17.4
135	66.8	253	23.9	70.4	245	17.1
140	65.6	250	23.5	69.2	242	16.8
145	64.4	247	23.1	68.0	239	16.4
150	63.2	244	22.7	66.8	236	16.1
155	62.0	241	22.4	65.5	233	15.8
160	60.8	238	22.1	64.2	230	15.5
165	59.5	235	21.6	62.9	226	15.3
170	58.3	231	21.0	61.6	222	15.0
175	57.0	227	20.3	60.3	219	14.8
180	55.7	223	19.8	58.9	214	14.6
185	54.3	219	19.2	57.5	210	14.4
190	53.0	215	18.7	56.1	206	14.3
195	51.6	210	18.2	54.6	201	14.1
200	50.1	206	17.7	53.1	196	13.9
205	48.7	201	17.3	51.5	191	13.8
210	47.2	195	16.9	50.0	185	13.6
215	45.6	190	16.3	48.3	179	13.5
220	44.0	184	15.6	46.6	173	13.4
225	42.4	178	14.9	44.9	166	13.0
230	40.7	171	14.2	43.0	159	12.6
235	38.9	164	13.5	41.1	152	12.3
240	37.0	157	12.9	39.0	143	11.9
245	35.0	148	12.3	36.9	134	11.6
250	32.9	140	11.7	34.5	124	11.3
255	30.7	130	11.1	31.9	113	10.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft fixed jib</b>						
50	86.0	290	27.8			
55	85.3	290	27.1			
60	84.2	289	26.2			
65	83.2	288	25.5			
70	82.2	287	24.8			
72				86.0	278	19.9
75	81.2	286	24.2	85.6	278	19.7
80	80.1	284	23.6	84.5	276	19.0
85	79.1	283	23.1	83.5	275	18.5
90	78.1	281	22.7	82.4	273	18.1
95	77.0	280	22.3	81.3	272	17.5
100	76.0	278	21.9	80.2	270	17.1
105	74.9	276	21.5	79.1	268	16.7
110	73.8	275	21.2	78.0	266	16.3
115	72.7	273	20.9	76.9	264	16.0
120	71.7	270	20.6	75.8	262	15.6
125	70.6	268	20.3	74.7	260	15.2
130	69.5	266	20.0	73.5	257	14.9
135	68.4	263	19.7	72.4	255	14.6
140	67.2	261	19.4	71.2	252	14.4
145	66.1	258	19.1	70.0	249	14.2
150	64.9	255	18.8	68.9	246	13.9
155	63.8	252	18.6	67.6	243	13.6
160	62.6	249	18.3	66.4	240	13.4
165	61.4	246	18.1	65.2	237	13.1
170	60.2	243	17.9	63.9	233	12.9
175	59.0	239	17.5	62.6	230	12.7
180	57.7	235	17.2	61.3	226	12.6
185	56.5	232	16.8	60.0	222	12.4
190	55.2	227	16.4	58.7	217	12.2
195	53.9	223	16.1	57.3	213	12.1
200	52.5	219	15.8	55.9	208	11.9
205	51.1	214	15.5	54.4	203	11.8
210	49.7	209	15.2	52.9	198	11.7
215	48.3	204	15.0	51.4	193	11.5
220	46.8	199	14.8	49.9	187	11.4
225	45.3	193	14.2	48.2	181	11.3
230	43.7	187	13.7	46.5	174	11.2
235	42.1	180	13.1	44.8	167	11.0
240	40.4	174	12.6	43.0	160	10.8
245	38.7	166	12.1	41.0	152	10.6
250	36.8	158	11.6	39.0	143	10.5
255	34.9	150	11.1	36.8	134	10.3
260	32.8	141	10.6	34.4	124	10.1
265	30.6	131	10.1	31.8	112	9.9

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 36 ft fixed jib</b>						
31	86.0	265	67.1			
35	85.0	265	66.8			
40	83.9	264	66.2			
40				86.0	261	53.9
45	82.8	263	65.8	85.0	260	53.7
50	81.7	263	61.7	83.8	259	53.5
55	80.6	262	61.3	82.7	258	53.3
60	79.4	261	61.0	81.5	257	52.9
65	78.3	259	60.7	80.4	256	52.6
70	77.2	258	60.1	79.2	255	52.3
75	76.0	257	57.2	78.1	254	52.1
80	74.9	255	54.6	76.9	252	51.3
85	73.7	254	52.2	75.7	251	49.5
90	72.5	252	50.1	74.5	249	47.8
95	71.4	250	48.2	73.4	247	46.3
100	70.2	249	46.6	72.2	245	45.0
105	69.0	246	44.4	70.9	243	43.8
110	67.8	244	42.2	69.7	241	42.7
115	66.6	242	40.0	68.5	239	40.6
120	65.3	240	38.0	67.2	236	38.7
125	64.1	237	36.2	66.0	234	36.8
130	62.8	234	34.6	64.7	231	35.2
135	61.6	232	33.1	63.4	228	33.6
140	60.6	229	31.6	62.4	226	30.6
145	59.3	226	30.6	61.1	223	30.3
150	57.9	223	28.9	59.7	219	29.8
155	56.6	220	27.2	58.4	216	28.1
160	55.2	216	25.7	57.0	212	26.5
165	53.9	212	24.2	55.6	208	24.9
170	52.4	208	22.8	54.1	204	23.5
175	51.0	204	21.5	52.7	200	22.1
180	49.5	200	20.3	51.2	196	20.9
185	48.0	195	19.2	49.6	191	19.7
190	46.5	190	18.2	48.0	186	18.6
195	44.9	185	17.3	46.4	181	17.7
200	43.2	180	16.5	44.7	175	16.8
205	41.6	174	15.6	43.0	169	15.9
210	39.8	168	14.8	41.2	163	15.1
215	38.0	161	14.0	39.3	156	14.3
220	36.1	154	13.3	37.3	149	13.5
225	34.1	147	12.6	35.2	141	12.7
230	31.9	138	11.9	33.0	132	12.0



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 46 ft fixed jib</b>						
35	86.0	274	56.9			
35	86.0	274	56.9			
40	84.9	274	56.8			
45	83.8	273	56.5			
47				86.0	268	46.2
50	82.7	272	56.4	85.3	268	45.8
55	81.7	271	55.8	84.2	267	44.6
60	80.6	270	55.3	83.1	266	43.8
65	79.5	269	54.8	82.0	265	42.8
70	78.4	268	54.3	80.9	264	41.5
75	77.3	267	54.0	79.8	262	40.4
80	76.2	265	51.6	78.7	261	39.5
85	75.0	264	49.5	77.5	259	38.7
90	73.9	262	47.6	76.4	258	37.7
95	72.8	260	45.8	75.2	256	36.8
100	71.7	259	44.3	74.1	254	36.0
105	70.5	257	43.0	72.9	252	35.2
110	69.4	255	41.4	71.7	250	34.5
115	68.2	252	39.4	70.6	248	34.0
120	67.0	250	37.6	69.4	245	33.2
125	65.8	248	35.9	68.4	244	32.2
130	64.6	245	34.3	67.2	241	31.3
135	63.7	243	30.3	66.0	238	30.4
140	62.5	240	29.8	64.7	235	29.7
145	61.2	237	29.4	63.4	232	29.0
150	60.0	234	29.0	62.2	229	28.3
155	58.7	231	27.5	60.9	226	27.8
160	57.4	228	25.9	59.5	222	27.0
165	56.1	224	24.5	58.2	219	25.4
170	54.8	220	23.1	56.8	215	24.0
175	53.4	216	21.8	55.4	211	22.6
180	52.0	212	20.6	54.0	207	21.3
185	50.6	208	19.4	52.6	202	20.1
190	49.2	203	18.4	51.1	198	19.0
195	47.7	199	17.4	49.5	193	17.9
200	46.2	193	16.5	48.0	187	16.9
205	44.6	188	15.7	46.4	182	16.1
210	43.0	182	15.0	44.7	176	15.3
215	41.3	177	14.2	42.9	170	14.5
220	39.6	170	13.5	41.1	163	13.8
225	37.8	163	12.8	39.3	156	13.0
230	35.9	156	12.1	37.3	148	12.3
235	33.9	148	11.5	35.2	140	11.6
240	31.8	140	10.9	33.0	131	11.0
245				30.5	121	10.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 56 ft fixed jib</b>						
39	86.0	283	50.4			
40	85.8	283	50.3			
45	84.8	282	49.7			
50	83.7	282	49.2			
54				86.0	276	36.0
55	82.7	281	48.8	85.7	275	35.8
60	81.6	280	47.5	84.6	274	34.6
65	80.6	279	46.1	83.6	273	33.7
70	79.5	278	45.0	82.7	272	33.4
75	78.4	276	44.0	81.6	271	32.9
80	77.4	275	43.2	80.5	270	32.5
85	76.3	274	42.4	79.5	268	32.1
90	75.2	272	41.7	78.3	267	31.7
95	74.1	270	41.0	77.2	265	31.4
100	73.0	269	40.4	76.1	263	30.5
105	71.9	267	39.9	75.0	262	29.7
110	70.8	265	39.4	73.9	260	29.0
115	69.7	263	38.8	72.7	257	28.4
120	68.6	260	37.1	71.6	255	27.9
125	67.5	258	35.4	70.4	253	27.4
130	66.3	256	33.8	69.2	250	26.8
135	65.4	254	29.8	68.1	248	26.2
140	64.2	251	29.0	66.9	245	25.7
145	63.0	248	28.3	65.6	242	25.2
150	61.9	245	27.7	64.4	239	24.7
155	60.6	242	27.1	63.2	236	24.3
160	59.4	239	26.2	61.9	233	23.9
165	58.2	236	24.8	60.6	229	23.6
170	56.9	232	23.4	59.3	226	22.8
175	55.6	228	22.2	58.0	222	21.7
180	54.3	224	20.9	56.7	218	20.7
185	53.0	220	19.8	55.3	213	19.7
190	51.6	216	18.7	53.9	209	18.8
195	50.2	212	17.7	52.4	204	17.9
200	48.8	207	16.8	51.0	199	17.0
205	47.3	202	15.9	49.4	194	16.3
210	45.9	197	15.2	47.9	189	15.6
215	44.3	191	14.5	46.3	183	14.9
220	42.7	185	13.8	44.6	177	14.2
225	41.1	179	13.1	42.9	170	13.5
230	39.4	173	12.4	41.1	164	12.8
235	37.6	166	11.8	39.2	156	12.1
240	35.8	158	11.2	37.3	148	11.4
245	33.8	150	10.6	35.2	140	10.8
250	31.7	141	10.0	32.9	130	10.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 66 ft fixed jib</b>						
43	86.0	292	44.5			
45	85.6	292	44.3			
50	84.6	291	42.8			
55	83.6	290	41.6			
60	82.6	289	40.6			
60				86.0	283	30.0
65	81.6	288	39.5	85.2	282	29.6
70	80.6	287	38.5	84.2	281	28.7
75	79.5	286	37.6	83.1	280	27.9
80	78.5	285	36.9	82.1	279	27.2
85	77.5	283	36.3	81.0	277	26.4
90	76.4	282	35.5	80.0	276	25.7
95	75.4	280	34.8	78.9	274	25.1
100	74.3	279	34.2	77.8	272	24.6
105	73.3	277	33.6	76.7	271	24.0
110	72.2	275	33.1	75.6	269	23.4
115	71.4	273	31.5	74.5	267	22.9
120	70.3	271	31.3	73.4	264	22.4
125	69.2	269	30.5	72.3	262	21.9
130	68.1	267	29.6	71.2	260	21.5
135	67.0	264	28.7	70.0	257	21.2
140	65.9	262	27.9	68.9	255	20.7
145	64.7	259	27.2	67.7	252	20.3
150	63.6	256	26.5	66.5	249	19.9
155	62.4	253	25.8	65.4	246	19.5
160	61.3	250	25.3	64.1	243	19.1
165	60.1	247	24.8	62.9	240	18.8
170	58.9	244	23.6	61.7	236	18.5
175	57.6	240	22.3	60.4	232	18.3
180	56.4	236	21.2	59.1	229	17.8
185	55.1	232	20.1	57.8	225	17.2
190	53.9	228	19.0	56.5	220	16.7
195	52.6	224	18.0	55.1	216	16.2
200	51.2	220	17.0	53.7	211	15.7
205	49.9	215	16.2	52.3	206	15.3
210	48.5	210	15.3	50.9	201	14.9
215	47.0	205	14.6	49.4	196	14.5
220	45.6	200	13.9	47.8	190	14.1
225	44.0	194	13.3	46.2	184	13.8
230	42.5	188	12.6	44.6	178	13.1
235	40.9	182	12.0	42.9	171	12.4
240	39.2	175	11.4	41.1	164	11.7
245	37.4	168	10.8	39.2	156	11.1
250	35.6	160	10.2	37.2	148	10.5
255	33.7	152	9.6	35.1	139	9.9
260	31.6	143	9.1	32.8	129	9.3

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 76 ft fixed jib</b>						
47	86.0	301	35.2			
50	85.5	301	34.7			
55	84.5	300	33.6			
60	83.8	299	30.9			
65	82.8	298	30.2			
67				86.0	290	24.2
70	81.8	297	29.5	85.6	290	24.0
75	80.8	296	28.8	84.6	289	23.2
80	79.8	295	28.2	83.5	287	22.6
85	78.8	293	27.7	82.5	286	22.2
90	77.8	292	27.2	81.5	285	21.5
95	76.8	291	26.8	80.5	283	20.9
100	75.8	289	26.4	79.4	281	20.3
105	74.7	287	26.1	78.4	280	19.9
110	73.7	285	25.8	77.3	278	19.5
115	72.7	284	25.5	76.2	276	19.0
120	71.6	281	25.2	75.2	274	18.5
125	70.6	279	25.0	74.1	272	18.1
130	69.5	277	24.7	73.0	269	17.7
135	68.5	275	24.2	71.9	267	17.4
140	67.4	272	23.8	70.8	264	17.1
145	66.3	270	23.4	69.7	262	16.8
150	65.2	267	23.1	68.5	259	16.5
155	64.1	264	22.8	67.4	256	16.2
160	63.0	261	22.4	66.2	253	15.9
165	61.8	258	22.2	65.1	250	15.7
170	60.7	255	21.9	63.9	246	15.5
175	59.5	252	21.4	62.7	243	15.2
180	58.3	248	20.4	61.4	239	15.0
185	57.1	244	19.5	60.2	235	14.9
190	55.9	241	18.5	58.9	231	14.6
195	54.7	237	17.7	57.6	227	14.4
200	53.4	232	16.9	56.3	223	14.2
205	52.1	228	16.1	55.0	218	13.9
210	50.8	223	15.3	53.6	213	13.7
215	49.5	219	14.6	52.2	208	13.5
220	48.1	213	14.0	50.7	203	13.3
225	46.7	208	13.4	49.3	198	13.2
230	45.3	203	12.8	47.7	192	13.0
235	43.8	197	12.2	46.1	185	12.8
240	42.2	190	11.6	44.5	179	12.1
245	40.6	184	11.0	42.8	172	11.5
250	39.0	177	10.5	41.0	164	10.9
255	37.3	170	9.9	39.1	156	10.3
260	35.4	162	9.4	37.2	147	9.7
265	33.5	153	8.9	35.0	138	9.1
270	31.5	144	8.4	32.8	128	8.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 219  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>219 ft main boom 85 ft fixed jib</b>						
52	86.0	310	27.2			
55	85.6	310	26.8			
60	84.6	309	25.9			
65	83.7	308	25.1			
70	82.7	307	24.6			
74				86.0	298	19.7
75	81.7	306	24.0	85.9	298	19.7
80	80.8	305	23.4	84.9	296	19.1
85	79.8	303	23.0	83.9	295	18.5
90	78.9	302	22.6	82.9	294	18.1
95	77.9	300	22.2	81.9	292	17.7
100	76.9	299	21.9	80.9	291	17.2
105	75.9	297	21.5	79.9	289	16.8
110	74.9	295	21.2	78.9	287	16.4
115	73.9	294	20.9	77.9	285	16.1
120	72.9	292	20.6	76.8	283	15.8
125	71.9	290	20.3	75.8	281	15.5
130	70.9	288	20.1	74.7	279	15.1
135	69.9	285	19.9	73.7	276	14.9
140	68.8	283	19.5	72.6	274	14.6
145	67.8	280	19.2	71.5	271	14.4
150	66.7	278	19.0	70.4	269	14.2
155	65.7	275	18.7	69.3	266	13.9
160	64.6	272	18.4	68.2	263	13.7
165	63.5	269	18.2	67.1	260	13.5
170	62.4	266	18.0	65.9	257	13.2
175	61.3	263	17.8	64.8	253	13.0
180	60.2	260	17.6	63.6	250	12.8
185	59.0	256	17.1	62.4	246	12.7
190	57.8	252	16.5	61.2	242	12.5
195	56.7	249	15.9	60.0	238	12.4
200	55.5	245	15.4	58.7	234	12.2
205	54.3	240	14.9	57.5	230	12.1
210	53.0	236	14.4	56.2	225	11.9
215	51.7	232	13.9	54.8	221	11.8
220	50.5	227	13.5	53.5	216	11.7
225	49.1	222	13.1	52.1	210	11.5
230	47.8	217	12.7	50.6	205	11.4
235	46.4	211	12.4	49.2	199	11.3
240	45.0	205	11.8	47.6	193	11.2
245	43.5	199	11.2	46.1	186	11.0
250	42.0	193	10.6	44.4	180	10.5
255	40.4	186	10.1	42.7	172	10.0
260	38.8	179	9.6	41.0	165	9.5
265	37.1	171	9.1	39.1	156	9.1
270	35.3	163	8.6	37.1	147	8.6
275	33.4	155	8.1	35.0	137	8.1
280	31.4	145	7.6	32.7	126	7.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 238  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 36 ft fixed jib</b>						
32	86.0	284	56.3			
35	85.4	283	56.1			
40	84.3	283	55.8			
42				86.0	280	48.0
45	83.3	282	55.5	85.3	279	47.9
50	82.2	281	55.2	84.2	278	47.6
55	81.2	281	54.4	83.2	277	47.4
60	80.1	280	53.8	82.1	276	47.2
65	79.1	279	53.3	81.1	275	46.9
70	78.0	277	52.8	80.0	274	46.7
75	77.0	276	52.0	78.9	273	46.4
80	75.9	275	49.6	77.8	272	46.3
85	74.8	273	47.4	76.7	270	45.4
90	73.7	272	45.4	75.6	269	43.7
95	72.7	270	43.6	74.5	267	42.2
100	71.6	268	42.0	73.4	265	40.8
105	70.5	267	40.6	72.3	263	39.5
110	69.4	265	39.1	71.2	261	38.5
115	68.2	263	37.2	70.1	259	37.5
120	67.1	260	35.4	68.9	257	36.0
125	66.0	258	33.7	67.8	255	34.3
130	65.1	256	29.3	66.9	253	30.2
135	63.9	254	28.5	65.7	250	29.1
140	62.7	251	27.7	64.5	247	28.1
145	61.6	248	27.1	63.3	244	27.2
150	60.4	245	26.5	62.1	241	26.3
155	59.2	242	25.4	60.8	238	25.6
160	57.9	239	23.9	59.6	235	24.7
165	56.7	235	22.6	58.3	232	23.3
170	55.4	232	21.3	57.0	228	22.0
175	54.1	228	20.0	55.7	224	20.7
180	52.8	224	18.9	54.4	220	19.5
185	51.5	220	17.8	53.0	216	18.4
190	50.1	216	16.8	51.6	212	17.3
195	48.7	211	15.8	50.2	207	16.3
200	47.3	207	15.0	48.8	202	15.4
205	45.9	202	14.2	47.3	197	14.5
210	44.4	196	13.5	45.8	192	13.8
215	42.8	191	12.7	44.2	186	13.0
220	41.2	185	12.1	42.5	180	12.3
225	39.6	179	11.4	40.9	174	11.6
230	37.9	172	10.7	39.1	167	11.0
235	36.1	165	10.1	37.3	160	10.3
240	34.3	158	9.5	35.3	152	9.7
245	32.3	150	8.9	33.3	144	9.1

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 46 ft fixed jib</b>						
36	86.0	293	50.6			
40	85.2	292	50.4			
45	84.2	292	50.1			
48				86.0	287	42.2
50	83.2	291	49.9	85.7	287	42.2
55	82.2	290	49.6	84.6	286	41.9
60	81.2	289	48.9	83.6	285	41.6
65	80.2	288	48.4	82.6	284	41.4
70	79.1	287	47.9	81.5	283	40.7
75	78.1	286	47.5	80.5	282	40.0
80	77.1	285	47.0	79.4	280	39.3
85	76.1	283	45.0	78.4	279	38.8
90	75.0	282	43.2	77.3	277	38.4
95	74.0	280	41.6	76.3	276	37.5
100	72.9	278	40.1	75.2	274	36.7
105	71.9	277	38.8	74.1	272	35.9
110	70.8	275	37.6	73.0	270	35.2
115	69.7	273	36.6	71.9	268	34.6
120	68.6	271	34.9	70.8	266	34.0
125	67.5	268	33.3	69.7	264	33.5
130	66.7	267	29.7	68.8	262	32.0
135	65.6	264	28.5	67.7	259	30.5
140	64.4	262	27.5	66.6	257	29.0
145	63.3	259	26.5	65.4	254	27.7
150	62.2	256	25.6	64.2	251	26.5
155	61.0	253	24.8	63.0	248	25.3
160	59.8	250	24.1	61.9	245	24.3
165	58.6	247	22.8	60.6	242	23.4
170	57.4	243	21.5	59.4	238	22.4
175	56.2	240	20.3	58.2	235	21.2
180	55.0	236	19.1	56.9	231	20.0
185	53.7	232	18.0	55.6	227	18.8
190	52.4	228	16.9	54.3	223	17.7
195	51.1	224	16.0	52.9	218	16.7
200	49.8	220	15.0	51.6	214	15.7
205	48.4	215	14.2	50.1	209	14.8
210	47.0	210	13.4	48.7	204	14.0
215	45.6	205	12.7	47.2	199	13.2
220	44.1	199	12.1	45.7	193	12.5
225	42.6	194	11.5	44.1	187	11.8
230	41.0	188	10.9	42.5	181	11.2
235	39.4	181	10.3	40.8	174	10.6
240	37.7	175	9.7	39.1	167	10.0
245	36.0	167	9.1	37.2	160	9.4
250	34.1	160	8.6	35.3	151	8.8
255	32.2	151	8.1	33.3	143	8.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 56 ft fixed jib</b>						
40	86.0	302	45.8			
45	85.1	301	45.4			
50	84.1	300	44.9			
55				86.0	294	35.7
55	83.1	300	44.5	86.0	294	35.7
60	82.2	299	44.0	85.0	293	34.8
65	81.2	298	43.2	84.0	292	33.9
70	80.2	297	42.5	83.0	291	33.3
75	79.2	296	41.8	82.2	290	31.0
80	78.2	294	41.3	81.2	289	31.0
85	77.2	293	40.9	80.2	288	31.1
90	76.2	292	39.6	79.1	286	31.1
95	75.2	290	38.5	78.1	285	31.2
100	74.2	288	37.4	77.1	283	31.1
105	73.1	287	36.5	76.0	281	30.3
110	72.1	285	35.7	75.0	280	29.6
115	71.1	283	34.9	73.9	278	29.0
120	70.0	281	34.3	72.8	276	28.4
125	69.2	279	32.5	71.8	273	27.9
130	68.1	277	30.9	70.7	271	27.4
135	67.1	275	29.5	69.6	269	26.9
140	66.0	272	28.1	68.5	266	26.0
145	64.9	270	26.8	67.4	264	25.2
150	63.8	267	25.7	66.3	261	24.4
155	62.7	264	24.6	65.1	258	23.6
160	61.6	261	23.6	64.0	255	23.0
165	60.4	258	22.7	62.8	252	22.3
170	59.3	255	21.8	61.6	248	21.8
175	58.1	251	20.6	60.4	245	21.3
180	57.0	248	19.5	59.2	241	20.5
185	55.7	244	18.4	58.0	237	19.4
190	54.5	240	17.4	56.7	234	18.3
195	53.3	236	16.5	55.4	229	17.3
200	52.0	232	15.6	54.1	225	16.3
205	50.7	228	14.7	52.8	220	15.4
210	49.4	223	13.9	51.5	216	14.6
215	48.1	218	13.2	50.1	211	13.8
220	46.7	213	12.5	48.6	205	13.0
225	45.3	208	11.9	47.2	200	12.3
230	43.8	202	11.2	45.7	194	11.7
235	42.4	196	10.6	44.1	188	11.0
240	40.8	190	10.0	42.5	181	10.4
245	39.2	184	9.4	40.8	175	9.8
250	37.6	177	8.9	39.0	167	9.2
255	35.8	169	8.3	37.2	159	8.6
260	34.0	161	7.8	35.3	151	8.0
265	32.1	153	7.3	33.2	142	7.5



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 66 ft fixed jib</b>						
45	86.0	311	40.6			
45	85.9	311	40.5			
50	85.0	310	39.9			
55	84.0	309	39.3			
60	83.1	308	38.8			
62				86.0	302	25.9
65	82.1	307	38.2	85.5	301	26.1
70	81.2	306	37.3	84.6	300	26.3
75	80.2	305	36.5	83.6	299	26.5
80	79.2	304	35.8	82.6	298	26.8
85	78.3	303	35.2	81.6	297	26.3
90	77.3	301	34.7	80.6	295	25.7
95	76.3	300	34.2	79.6	294	25.2
100	75.3	298	33.7	78.6	292	24.8
105	74.4	297	33.3	77.6	290	24.4
110	73.6	295	31.2	76.6	289	23.9
115	72.6	293	30.9	75.6	287	23.3
120	71.6	291	30.6	74.5	285	22.8
125	70.6	289	30.3	73.5	283	22.3
130	69.5	287	29.8	72.5	280	21.9
135	68.5	285	28.4	71.4	278	21.5
140	67.5	283	27.2	70.3	276	21.2
145	66.4	280	26.0	69.3	273	20.8
150	65.4	278	24.9	68.2	270	20.4
155	64.3	275	23.9	67.1	268	20.0
160	63.2	272	23.0	66.0	265	19.6
165	62.1	269	22.1	64.9	262	19.3
170	61.0	266	21.3	63.7	258	19.0
175	59.9	263	20.6	62.6	255	18.7
180	58.8	259	19.6	61.4	252	18.4
185	57.6	256	18.6	60.2	248	18.2
190	56.5	252	17.6	59.0	244	17.5
195	55.3	248	16.7	57.8	240	16.6
200	54.1	244	15.8	56.6	236	15.8
205	52.9	240	14.9	55.3	232	15.1
210	51.6	236	14.1	54.0	227	14.3
215	50.4	231	13.4	52.7	223	13.6
220	49.1	227	12.7	51.3	218	13.0
225	47.8	222	12.0	50.0	212	12.4
230	46.4	216	11.4	48.6	207	11.8
235	45.0	211	10.9	47.1	201	11.3
240	43.6	205	10.3	45.6	195	10.7
245	42.1	199	9.7	44.0	189	10.1
250	40.6	193	9.2	42.4	182	9.5
255	39.0	186	8.6	40.8	175	9.0
260	37.4	179	8.1	39.0	167	8.4
265	35.7	171	7.6	37.2	159	7.9
270	33.9	163	7.1	35.2	150	7.3
275	32.0	154	6.7	33.1	140	6.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 76 ft fixed jib</b>						
49	86.0	320	33.7			
50	85.8	320	33.6			
55	85.0	319	29.9			
60	84.1	318	29.4			
65	83.2	317	29.0			
68				86.0	309	21.9
70	82.3	316	28.6	85.9	309	21.9
75	81.3	315	28.0	84.9	308	21.8
80	80.4	314	27.4	83.9	307	21.9
85	79.5	313	26.9	83.0	305	21.9
90	78.5	311	26.5	82.0	304	21.6
95	77.6	310	26.2	81.1	302	21.0
100	76.6	309	25.8	80.1	301	20.5
105	75.7	307	25.5	79.1	299	20.1
110	74.7	305	25.2	78.1	298	19.7
115	73.8	303	24.9	77.1	296	19.4
120	72.8	302	24.6	76.1	294	18.9
125	71.8	300	24.4	75.1	292	18.5
130	70.8	298	24.2	74.1	290	18.1
135	69.8	295	24.0	73.1	287	17.7
140	68.8	293	23.3	72.1	285	17.4
145	67.8	291	22.7	71.0	283	17.1
150	66.8	288	22.1	70.0	280	16.9
155	65.8	286	21.5	68.9	277	16.6
160	64.8	283	21.0	67.9	275	16.3
165	63.7	280	20.5	66.8	272	16.0
170	62.7	277	20.1	65.7	269	15.8
175	61.6	274	19.7	64.6	265	15.5
180	60.5	271	19.3	63.5	262	15.3
185	59.4	267	18.7	62.3	259	15.1
190	58.3	264	17.8	61.2	255	14.9
195	57.2	260	16.9	60.0	251	14.7
200	56.0	256	16.0	58.8	247	14.2
205	54.9	252	15.2	57.6	243	13.7
210	53.7	248	14.4	56.4	239	13.2
215	52.5	244	13.6	55.2	234	12.7
220	51.3	240	12.9	53.9	230	12.3
225	50.0	235	12.2	52.6	225	11.8
230	48.8	230	11.6	51.2	220	11.4
235	47.5	225	11.0	49.9	214	11.0
240	46.1	219	10.5	48.5	208	10.7
245	44.8	214	9.9	47.0	203	10.4
250	43.3	208	9.4	45.5	196	9.9
255	41.9	202	8.9	44.0	190	9.3
260	40.4	195	8.4	42.4	183	8.8
265	38.8	188	7.9	40.7	175	8.2
270	37.2	181	7.4	39.0	167	7.7
275	35.5	173	6.9	37.1	159	7.2
280	33.7	164	6.4	35.2	149	6.7
285	31.9	155	6.0	33.1	139	6.2

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 238  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>238 ft main boom 85 ft fixed jib</b>						
53	86.0	329	25.9			
55	85.8	328	25.9			
60	84.9	328	25.1			
65	84.0	327	24.4			
70	83.1	326	23.9			
75				86.0	316	20.0
75	82.2	325	23.4	86.0	316	19.0
80	81.3	324	22.9	85.2	315	18.8
85	80.4	323	22.5	84.3	314	18.4
90	79.5	321	22.1	83.4	313	18.1
95	78.6	320	21.8	82.4	311	17.8
100	77.7	318	21.5	81.5	310	17.4
105	76.8	317	21.2	80.5	308	17.0
110	75.8	315	20.9	79.6	307	16.6
115	74.9	313	20.6	78.6	305	16.3
120	74.0	312	20.3	77.6	303	16.0
125	73.0	310	20.0	76.7	301	15.7
130	72.1	308	19.8	75.7	299	15.4
135	71.1	306	19.6	74.7	297	15.1
140	70.1	303	19.4	73.7	295	14.9
145	69.2	301	19.1	72.7	292	14.6
150	68.2	299	18.9	71.7	290	14.4
155	67.2	296	18.6	70.7	287	14.2
160	66.2	294	18.4	69.7	284	14.0
165	65.2	291	18.2	68.6	282	13.8
170	64.2	288	17.9	67.6	279	13.5
175	63.2	285	17.7	66.5	276	13.3
180	62.1	282	17.6	65.4	272	13.1
185	61.1	279	17.4	64.3	269	12.9
190	60.0	275	17.3	63.2	266	12.8
195	58.9	272	16.5	62.1	262	12.6
200	57.8	268	15.7	61.0	258	12.5
205	56.7	264	15.0	59.8	254	12.3
210	55.6	261	14.2	58.7	250	12.0
215	54.5	256	13.5	57.5	246	11.6
220	53.3	252	12.9	56.3	241	11.3
225	52.1	248	12.2	55.0	237	11.0
230	50.9	243	11.6	53.8	232	10.7
235	49.7	238	11.0	52.5	227	10.4
240	48.4	233	10.5	51.1	221	10.2
245	47.2	228	10.0	49.8	216	9.9
250	45.8	222	9.6	48.4	210	9.7
255	44.5	217	9.0	47.0	204	9.5
260	43.1	210	8.5	45.5	197	9.1
265	41.7	204	8.0	43.9	190	8.5
270	40.2	197	7.5	42.3	183	8.0
275	38.6	190	7.1	40.7	175	7.5
280	37.0	183	6.6	38.9	167	6.9
285	35.4	175	6.2	37.1	158	6.4
290	33.6	166	5.7	35.1	149	6.0
295	31.8	157	5.3	33.0	138	5.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 36

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 36 ft fixed jib</b>						
33	86.0	303	51.4			
35	85.7	303	51.4			
40	84.7	303	50.8			
43				86.0	299	43.7
45	83.7	302	50.4	85.6	299	43.6
50	82.8	301	50.1	84.6	298	43.3
55	81.8	301	49.4	83.6	297	43.0
60	80.8	300	48.6	82.7	296	42.8
65	79.8	299	47.9	81.7	295	42.4
70	78.8	298	47.3	80.7	294	42.0
75	77.9	296	46.7	79.7	293	41.7
80	76.9	295	45.8	78.7	292	41.4
85	75.9	294	43.5	77.7	291	41.2
90	74.9	292	41.5	76.6	289	40.2
95	73.9	291	39.6	75.6	288	38.6
100	72.8	289	37.9	74.6	286	37.1
105	71.8	288	36.4	73.6	284	35.8
110	70.8	286	35.0	72.5	282	34.6
115	69.8	284	33.9	71.5	280	33.5
120	68.9	282	32.0	70.7	279	31.9
125	67.9	280	30.3	69.6	277	31.5
130	66.8	278	28.7	68.5	274	29.8
135	65.8	276	27.2	67.4	272	28.2
140	64.7	273	25.8	66.4	270	26.8
145	63.6	271	24.5	65.3	267	25.4
150	62.5	268	23.4	64.2	264	24.1
155	61.4	265	22.3	63.0	261	22.9
160	60.3	262	21.3	61.9	258	21.8
165	59.2	259	20.3	60.7	255	20.9
170	58.0	256	19.2	59.6	252	19.9
175	56.9	252	18.1	58.4	249	18.8
180	55.7	249	17.1	57.2	245	17.7
185	54.5	245	16.1	56.0	241	16.7
190	53.3	241	15.1	54.8	237	15.7
195	52.0	237	14.2	53.5	233	14.8
200	50.8	233	13.4	52.2	229	13.9
205	49.5	229	12.6	50.9	225	13.0
210	48.2	224	11.9	49.6	220	12.3
215	46.9	219	11.2	48.2	215	11.5
220	45.5	214	10.6	46.8	210	10.9
225	44.1	209	10.0	45.4	204	10.2
230	42.7	204	9.4	43.9	199	9.6
235	41.2	198	8.8	42.4	193	9.0
240	39.6	192	8.2	40.8	186	8.4
245	38.1	185	7.6	39.2	180	7.8
250	36.4	178	7.1	37.5	173	7.3
255	34.7	171	6.6	35.7	165	6.7
260	32.9	163	6.1	33.8	157	6.2
265	31.0	155	5.6	31.9	148	5.7

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 46

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 46 ft fixed jib</b>						
38	86.0	312	46.0			
40	85.5	312	45.8			
45	84.6	312	45.4			
50				86.0	307	38.9
50	83.7	311	45.0	85.9	307	38.9
55	82.7	310	44.7	85.0	306	39.0
60	81.8	309	44.2	84.0	305	39.0
65	80.8	308	43.6	83.1	304	39.0
70	79.9	307	43.0	82.1	303	38.9
75	78.9	306	42.5	81.1	302	38.7
80	77.9	305	42.1	80.1	300	38.4
85	77.0	304	41.5	79.2	299	38.2
90	76.0	302	39.7	78.2	298	38.0
95	75.0	301	38.0	77.2	296	37.9
100	74.1	299	36.5	76.2	295	36.5
105	73.1	298	35.1	75.2	293	35.1
110	72.1	296	33.9	74.2	291	33.8
115	71.3	294	31.5	73.4	290	30.2
120	70.3	292	31.3	72.4	288	29.8
125	69.3	290	30.5	71.3	286	29.5
130	68.3	288	28.8	70.3	283	29.2
135	67.2	286	27.3	69.3	281	28.4
140	66.2	284	25.8	68.2	279	26.9
145	65.2	281	24.5	67.2	276	25.5
150	64.1	279	23.2	66.1	274	24.2
155	63.1	276	22.0	65.0	271	23.0
160	62.0	273	21.0	63.9	268	21.8
165	60.9	270	20.0	62.8	265	20.8
170	59.8	267	19.2	61.7	262	19.8
175	58.7	264	18.1	60.6	259	19.0
180	57.6	260	17.1	59.4	255	18.1
185	56.4	257	16.1	58.2	252	17.1
190	55.3	253	15.2	57.1	248	16.1
195	54.1	249	14.3	55.9	244	15.1
200	52.9	245	13.5	54.6	240	14.2
205	51.7	241	12.7	53.4	236	13.4
210	50.5	237	11.9	52.1	231	12.6
215	49.2	232	11.2	50.8	227	11.8
220	47.9	228	10.6	49.5	222	11.1
225	46.6	223	10.0	48.2	217	10.4
230	45.2	218	9.4	46.8	211	9.8
235	43.9	212	8.9	45.3	206	9.2
240	42.4	206	8.3	43.9	200	8.7
245	41.0	200	7.8	42.4	193	8.1
250	39.5	194	7.3	40.8	187	7.5
255	37.9	187	6.8	39.2	180	7.0
260	36.3	180	6.3	37.5	172	6.5
265	34.6	173	5.8	35.7	165	6.0
270	32.8	165	5.4	33.8	156	5.5
275	30.9	156	5.0	31.8	147	5.0

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 56 ft fixed jib</b>						
42	86.0	321	41.6			
45	85.4	321	41.4			
50	84.5	320	40.9			
55	83.6	320	40.4			
56				86.0	314	35.3
60	82.7	319	40.1	85.3	313	34.8
65	81.7	318	39.7	84.4	312	33.9
70	80.8	317	39.3	83.4	311	33.1
75	79.9	316	39.0	82.7	311	27.3
80	79.0	315	38.7	81.7	309	27.3
85	78.0	313	38.5	80.8	308	27.2
90	77.1	312	38.2	79.8	307	27.2
95	76.1	311	36.7	78.9	305	27.1
100	75.2	309	35.3	77.9	304	27.1
105	74.2	307	34.0	76.9	302	27.0
110	73.5	306	30.6	76.0	300	26.9
115	72.5	304	30.1	75.0	299	26.9
120	71.6	302	29.6	74.0	297	26.8
125	70.6	301	29.2	73.0	295	26.8
130	69.6	298	28.7	72.0	293	26.7
135	68.6	296	27.3	71.0	290	26.7
140	67.6	294	25.9	70.0	288	26.6
145	66.6	292	24.5	69.0	286	25.6
150	65.6	289	23.3	67.9	283	24.3
155	64.6	287	22.1	66.9	280	23.0
160	63.5	284	21.1	65.8	278	21.9
165	62.5	281	20.1	64.8	275	20.8
170	61.5	278	19.2	63.7	272	19.8
175	60.4	275	18.4	62.6	269	18.9
180	59.3	272	17.5	61.5	265	18.0
185	58.2	268	16.6	60.4	262	17.3
190	57.1	265	15.7	59.2	258	16.5
195	56.0	261	14.8	58.1	255	15.6
200	54.9	257	14.0	56.9	251	14.7
205	53.7	254	13.2	55.7	247	13.9
210	52.5	249	12.5	54.5	242	13.1
215	51.3	245	11.7	53.3	238	12.3
220	50.1	241	11.1	52.0	233	11.6
225	48.9	236	10.4	50.7	228	10.9
230	47.6	231	9.9	49.4	223	10.3
235	46.3	226	9.3	48.1	218	9.7
240	45.0	221	8.8	46.7	213	9.1
245	43.6	215	8.2	45.3	207	8.6
250	42.2	209	7.7	43.8	201	8.0
255	40.8	203	7.2	42.3	194	7.5
260	39.3	196	6.6	40.8	187	7.0
265	37.7	190	6.1	39.1	180	6.4
270	36.1	182	5.7	37.4	172	5.9
275	34.5	174	5.2	35.7	164	5.4
280	32.7	166	4.7	33.8	155	5.0
285	30.9	157	4.3	31.8	145	4.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 66 ft fixed jib</b>						
46	86.0	330	37.4			
50	85.3	330	37.2			
55	84.4	329	36.6			
60	83.5	328	36.2			
63				86.0	321	22.9
65	82.6	327	35.9	85.8	321	22.9
70	81.7	326	35.4	84.9	320	23.0
75	80.8	325	34.8	84.0	319	23.0
80	79.9	324	34.3	83.1	318	23.1
85	79.0	323	33.9	82.1	317	23.2
90	78.1	322	33.5	81.2	315	23.2
95	77.2	320	33.2	80.3	314	23.3
100	76.5	319	28.8	79.3	313	23.3
105	75.5	318	28.5	78.4	311	23.3
110	74.6	316	28.1	77.5	309	23.4
115	73.7	314	27.8	76.5	308	23.1
120	72.7	313	27.5	75.5	306	22.7
125	71.8	311	27.2	74.6	304	22.4
130	70.9	309	27.0	73.6	302	22.0
135	69.9	307	26.8	72.6	300	21.8
140	68.9	304	25.6	71.7	297	21.5
145	68.0	302	24.3	70.7	295	21.3
150	67.0	300	23.1	69.7	292	21.0
155	66.0	297	22.0	68.6	290	20.3
160	65.0	295	20.9	67.6	287	19.6
165	64.0	292	19.9	66.6	284	18.9
170	63.0	289	18.9	65.6	282	18.2
175	62.0	286	18.1	64.5	278	17.7
180	60.9	283	17.3	63.4	275	17.1
185	59.9	280	16.6	62.4	272	16.6
190	58.8	276	15.8	61.3	269	16.1
195	57.8	273	14.9	60.2	265	15.7
200	56.7	269	14.1	59.1	261	15.0
205	55.6	265	13.3	57.9	257	14.2
210	54.5	262	12.6	56.8	253	13.4
215	53.3	257	11.9	55.6	249	12.6
220	52.2	253	11.2	54.4	245	11.9
225	51.0	249	10.6	53.2	240	11.2
230	49.8	244	10.0	51.9	235	10.5
235	48.6	239	9.4	50.7	230	9.9
240	47.3	234	8.9	49.4	225	9.3
245	46.0	229	8.4	48.0	220	8.8
250	44.7	224	7.9	46.7	214	8.3
255	43.4	218	7.4	45.2	208	7.8
260	42.0	212	6.9	43.8	201	7.2
265	40.6	205	6.4	42.3	195	6.7
270	39.1	199	5.9	40.7	188	6.2
275	37.6	192	5.4	39.1	180	5.7
280	36.0	184	5.0	37.4	172	5.2
285	34.3	176	4.5	35.6	163	4.7
290	32.6	168	4.1	33.7	154	4.3
295	30.8	158	3.7	31.7	144	3.8

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 258  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 75

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>258 ft main boom 76 ft fixed jib</b>			
70	86.0	329	23.6
70	86.0	329	19.9
75	85.2	328	19.9
80	84.3	327	19.8
85	83.4	325	19.8
90	82.5	324	19.8
95	81.6	323	19.7
100	80.7	321	19.6
105	79.8	320	19.5
110	78.9	318	19.4
115	77.9	317	19.4
120	77.0	315	19.2
125	76.1	313	18.8
130	75.1	311	18.4
135	74.2	309	18.1
140	73.2	307	17.7
145	72.3	304	17.4
150	71.3	302	17.2
155	70.3	299	16.9
160	69.3	297	16.7
165	68.4	294	16.4
170	67.3	291	16.1
175	66.3	288	15.8
180	65.3	285	15.5
185	64.3	282	15.3
190	63.2	279	15.1
195	62.2	275	14.8
200	61.1	272	14.7
205	60.0	268	14.5
210	58.9	264	13.8
215	57.8	260	13.1
220	56.6	256	12.3
225	55.5	252	11.6
230	54.3	247	10.9
235	53.1	242	10.3
240	51.8	237	9.7
245	50.6	232	9.1
250	49.3	227	8.6
255	48.0	221	8.1
260	46.6	215	7.6
265	45.2	209	7.1
270	43.7	202	6.6
275	42.2	195	6.1
280	40.7	188	5.6
285	39.1	180	5.1
290	37.4	172	4.6
295	35.6	163	4.1
300	33.7	153	3.7
305	31.6	143	3.2



## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 56

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 56 ft fixed jib</b>						
32	86.0	187	61.9			
35	85.1	186	60.1			
40	83.5	186	51.1			
45	81.9	185	42.5			
47				86.0	179	37.3
50	80.3	183	35.9	85.0	179	36.1
55	79.0	182	31.0	83.3	177	34.6
60	77.4	181	26.6	82.0	176	29.9
65	75.7	179	22.9	80.3	174	25.8
70	74.0	177	19.8	78.5	173	22.4
75	72.4	176	17.2	76.8	171	19.6
80	70.6	173	14.9	75.0	168	17.1
85	68.9	171	12.9	73.2	166	14.9
90	67.1	169	11.2	71.4	163	13.0
95	65.3	166	9.7	69.6	161	11.4
100	63.5	163	8.3	67.7	158	9.9
105	61.7	160	7.1	65.7	154	8.6
110	59.8	157	5.9	63.8	151	7.3
115	57.8	153	4.9	61.7	147	6.2
120	55.8	149	3.9	59.7	143	5.2
125	53.8	145	3.1	57.5	139	4.2
130	51.7	141	2.2	55.3	134	3.3
135				53.0	129	2.5

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 66

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft fixed jib</b>						
37	86.0	196	50.8			
40	84.9	195	49.1			
45	83.4	194	43.3			
50	81.9	193	36.7			
54				86.0	187	31.5
55	80.7	192	31.7	85.9	187	31.3
60	79.1	191	27.4	84.3	185	29.7
65	77.5	189	23.7	82.7	184	27.2
70	76.0	188	20.6	81.0	182	23.7
75	74.4	186	18.0	79.4	180	20.7
80	72.7	184	15.7	77.7	178	18.2
85	71.1	182	13.7	76.0	176	16.0
90	69.4	179	11.9	74.3	173	14.1
95	67.8	177	10.4	72.6	171	12.3
100	66.1	174	8.9	70.8	168	10.8
105	64.3	171	7.7	69.0	165	9.4
110	62.6	168	6.5	67.1	162	8.2
115	60.8	165	5.5	65.3	158	7.1
120	58.9	161	4.5	63.3	154	6.0
125	57.0	157	3.6	61.4	150	5.0
130	55.1	153	2.8	59.3	146	4.1
135				57.2	142	3.2
140				55.1	137	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** boom

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1008-1  
**luffing jib head:** 1008-1  
**luffing jib (s):** 1008 [ft]: 75

radius [ft]:	offset 15[°]			offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft fixed jib</b>						
41	86.0	205	40.1			
45	84.8	204	38.4			
50	83.3	203	37.0			
55	82.1	202	32.5			
60	80.7	201	28.1			
60				86.0	194	25.1
65	79.2	199	24.4	84.8	193	24.1
70	77.7	198	21.3	83.3	191	23.1
75	76.2	196	18.7	81.7	190	21.9
80	74.6	194	16.4	80.1	188	19.3
85	73.1	192	14.3	78.5	185	17.0
90	71.5	190	12.6	76.9	183	15.1
95	69.9	187	11.0	75.3	181	13.3
100	68.3	185	9.5	73.6	178	11.7
105	66.7	182	8.3	71.9	175	10.3
110	65.1	179	7.1	70.2	172	9.1
115	63.4	176	6.0	68.4	169	7.9
120	61.7	173	5.1	66.6	166	6.9
125	59.9	169	4.2	64.8	162	5.9
130	58.1	165	3.3	62.9	158	4.9
135	56.3	161	2.6	61.0	154	4.0
140				59.0	149	3.2
145				57.0	144	2.4

## Load charts main boom + fixed jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** boom

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1008-1**  
**luffing jib head: 1008-1**  
**luffing jib (s): 1008 [ft]:** 85

radius [ft]:	offset 30[°]		
	main boom angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft fixed jib</b>			
67	86.0	201	20.5
70	85.4	201	20.0
75	83.9	199	19.1
80	82.4	197	18.4
85	80.8	195	17.6
90	79.3	193	15.9
95	77.8	191	14.1
100	76.2	188	12.5
105	74.6	186	11.1
110	73.0	183	9.8
115	71.3	180	8.6
120	69.6	176	7.6
125	67.9	173	6.5
130	66.2	169	5.6
135	64.4	165	4.7
140	62.5	161	3.8
145	60.7	157	3.1
150	58.7	152	2.3

**Load charts main boom + luffing jib****Load charts**

The LR1250 meets ANSI B30.5 requirements. (including SAE J987, SAE J 765)

The crane classification according ISO 4301/1 and /2 given by the manufacturer is A1 (Q1, U2). Please see also operating manual chapter 2.2.2 where the state of loading (Q1) and the class of utilization (U2) is explained.

All radii which are allowed show a rated capacity, other length and radii are not approved.

Load ratings are based on the freely suspended load.

All loads shown do not exceed 75% of the tipping load. Grey shaded areas show, where structure is the limiting factor.

The charts are only valid for off level ground conditions of up to 1%.

Hooks, load blocks, slings, hoist lines or any other fixing device below the boom head are considered as part of the load.

The nominal line pull at the hoisting winch is 33730 lbs (150.0kN). These values shall not be exceeded. Please refer to the following table. The coefficient of efficiency is included:

Luffing jib head:	5.5m [18ft]	3 sheaves (maximum parts of line: 5)
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Parts of line	1	2	3	4	5	6
Capacity [lbs]	32628	64595	96342	127427	158071	188700
Capacity [t]	14.8	29.3	43.7	57.8	71.7	85.5

Please refer also to reeving instructions in chapter 8 of the manual.

Load chart is calculated for original crane and boom sections in new and perfect conditions as approved by LIEBHERR. Any damages, non factory approved alterations or additions will reduce or prohibit it's use.

The crane operator shall be qualified like given information in chapter 2.2.4 of the operating manual. The operator and assistant personnel associated with the crane shall read and fully understand the latest applicable ANSI code for mobile crane (ANSI B30.5). Dynamic effects due to hoisting and lowering of the load, booming, swinging, travel and wind must be considered by the crane operator. The operator shall therefore reduce load ratings in order to take these conditions into account.

## Load charts main boom + luffing jib

Rated lifting capacities do not account for effects of wind on a suspended load or boom. Judgment and experience of the crane operator, job planners and supervisors must be used to compensate for affect of wind on the lifted load and boom by reducing ratings, reducing speeds or a combination of both. Local conditions have to considered additionally (e.g. wind effects between and around buildings).

As a guideline the following table show rating reductions [%] which shall be used as a minimum. For changing wind speeds an especially for gusts of wind the maximum wind speed must be used. For wind speeds between given values the maximum wind speed shall be taken. The following table is valid only for the LR1250 and the attached chart.

Luffing jib length [ft]		65.6-114.8		124.7-173.9		183.7-203.4	
Boom length [ft]		75.5-132.5	142.4-209	75.5-132.5	142.4-209	75.3-132.5	142.4-209
Luffing jib length [m]		20-35		38-53		56-62	
Boom length [m]		23.0-40.4	43.4-63.8	23.0-40.4	43.4-63.8	23.0-40.4	43.4-63.8
Wind speed [MPH]	Wind speed [m/s]	Percent rating reduction [%]					
15	7	0	0	0	0	0	0
20	9	10	10	10	10	10	10
25	11	20	20	10	10	10	10
30	13	20	20	10	10	20	20
35	16	30	30	20	20	40	50
Above 35	Above 16	<b>100 = operation not allowed</b>					

Additional reduction shall be done for light loads with a large sail area of the load. (larger than 1m<sup>2</sup>/1000kg load or 0.7 square inch per 1lbs load)

Parking positions of the boom are given in chapter 2.2.9 of the manual.

If a wind speed of more than 44.7MPH (20m/s) is expected or forecast in the wheater forecast, the complete boom shall be lowered horizontally to the ground early enough. (see chapter 2.2.6 manual)

The crane is authorized for use in outdoor temperatures of between -20°C and +40°C.

### Travel:

There is no restriction of the position of the superstructure in relation to the crawlers.

Capacity charts are based on static conditions. Travelling allways creates dynamic effects on the crane.

Therefore deratings are required. For a rule of thumb to travel with speeds up to 0.9mph (0.4m/s) on even surface with no more than 1% offlevel the following derating should be applied.:

90% of Rated capacity but no less than 2200lbs. (1000kg)

In case special deratings are required, calculation should be made based on 100% of the load chart.

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft luffing jib 84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	188.7												
35				75.0	158	188.7									
40	66.4	155	187.3	70.8	157	188.7									
45	61.5	152	185.3	66.0	154	183.9									
50	56.3	149	162.3	61.1	152	159.8									
55	50.7	145	143.4	55.8	148	141.2									
56							67.0	153	131.6						
60	44.6	140	117.4	50.2	144	126.3	63.2	151	120.9						
65	37.7	134	108.1	44.1	139	114.2	58.1	148	109.3						
70	29.4	126	88.2	37.1	133	104.0	52.7	144	99.7						
75	17.5	113	74.2	28.6	125	88.0	46.8	139	91.5						
80							40.2	134	84.5						
81										57.0	142	79.2			
85							32.5	126	78.4	52.1	138	74.2			
90							22.4	116	73.0	46.2	134	69.2			
95										39.5	128	64.7			
100										31.7	120	60.7			
122													37.0	108	42.6
125													32.0	103	41.2
130													21.7	92	39.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	158.8									
40	69.7	166	158.8	73.4	167	158.8									
45	65.5	164	158.3	69.4	165	158.8									
50	61.2	161	156.8	65.2	163	158.7									
55	56.7	158	141.7	60.9	160	141.0									
60	51.9	154	128.0	56.3	157	126.2	67.0	162	120.7						
65	46.8	149	115.9	51.5	153	114.0	62.7	159	109.0						
70	41.2	144	102.8	46.4	148	103.9	58.3	156	99.4						
75	34.7	137	91.9	40.7	143	95.4	53.6	152	91.3						
80	27.0	128	78.5	34.2	136	88.1	48.6	148	84.3						
85	18.9	118	33.0	26.3	127	80.1	43.2	143	78.2						
86										57.0	150	72.8			
90							37.1	137	72.9	53.2	147	68.8			
95							29.9	129	68.2	48.1	142	64.4			
100							20.4	117	62.8	42.6	137	60.5			
105										36.4	131	57.0			
110										29.1	123	53.8			
130													37.0	114	39.0
130													36.7	113	38.9
135													29.4	105	37.1
140													19.7	93	35.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	152.8												
41				75.0	177	153.9									
45	68.5	174	148.7	71.9	176	153.6									
50	64.8	172	141.2	68.2	174	150.4									
55	61.0	169	134.9	64.5	171	140.8									
60	57.0	166	120.5	60.7	169	125.9									
64							67.0	171	111.2						
65	52.8	162	115.2	56.7	165	113.8	66.1	170	108.7						
70	48.4	158	105.5	52.5	162	103.8	62.4	168	99.1						
75	43.6	153	88.6	48.1	157	93.9	58.4	165	90.9						
80	38.3	147	83.8	43.2	152	87.9	54.3	161	84.0						
85	32.3	140	77.1	37.9	146	81.6	50.0	157	77.9						
90	25.0	130	67.1	31.8	138	76.1	45.3	152	72.7						
91										57.0	158	67.3			
95										53.9	155	64.0			
100	17.3	119	33.0	24.3	128	68.4	40.3	146	68.0	49.6	151	60.1			
105							34.5	140	63.8	44.9	146	56.6			
110							27.8	131	60.1	39.7	141	53.5			
115							21.2	122	33.0	33.9	134	50.6			
120										27.0	125	48.0			
138													37.0	120	35.8
140													34.2	116	35.0
145													27.3	107	33.5
150													20.6	98	32.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 95 ft luffing jib 84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	135.5												
43				75.0	187	134.6									
45	70.9	185	132.4	73.8	186	134.5									
50	67.6	183	126.1	70.6	184	132.9									
55	64.3	181	121.0	67.4	182	129.4									
60	60.8	178	116.6	64.0	180	121.6									
65	57.3	175	109.4	60.6	177	113.7									
68							67.0	180	103.1						
70	53.6	171	103.5	57.0	174	103.6	65.5	179	98.9						
75	49.7	167	95.1	53.3	170	95.1	62.1	176	90.8						
80	45.5	162	87.1	49.3	166	87.8	58.5	173	83.8						
85	41.0	157	79.7	45.2	161	81.5	54.9	170	77.8						
90	36.0	150	73.6	40.6	156	76.0	51.1	166	72.5						
95	30.3	142	66.1	35.6	149	71.1	47.0	161	67.9						
97										57.0	166	62.5			
100	23.3	131	55.2	29.8	141	66.8	42.6	156	63.7	54.5	164	59.9			
105				22.7	130	56.1	37.8	150	60.0	50.7	160	56.5			
110							32.4	142	56.7	46.6	155	53.3			
115							26.0	133	53.6	42.2	150	50.5			
120							19.7	123	33.0	37.3	144	47.9			
125										31.8	136	45.5			
130										25.2	126	43.3			
146													37.0	126	33.2
150													33.4	121	31.9
155													27.2	112	30.6
160													19.1	99	29.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	118.2												
46				75.0	196	118.2									
50	69.8	194	114.9	72.5	195	118.0									
55	66.9	191	110.6	69.6	193	114.6									
60	63.8	189	106.3	66.6	191	110.6									
65	60.7	186	102.6	63.6	188	106.4									
70	57.5	183	97.3	60.5	186	102.4									
72							67.0	189	95.9						
75	54.1	180	90.4	57.2	182	92.6	64.9	187	90.4						
80	50.6	176	88.0	53.9	179	87.6	61.8	185	83.5						
85	47.0	171	81.4	50.4	175	81.3	58.6	182	77.5						
90	43.0	166	75.0	46.7	170	75.8	55.3	178	72.2						
95	38.7	160	69.2	42.7	165	70.9	51.9	174	67.6						
100	34.0	153	63.7	38.4	159	66.6	48.3	170	63.4						
102										57.0	175	58.1			
105	28.6	144	57.3	33.6	152	62.7	44.4	165	59.7	55.0	172	56.1			
110	21.9	133	50.9	28.1	143	57.3	40.3	159	56.4	51.5	169	52.9			
115				21.3	131	51.5	35.7	153	53.4	47.9	164	50.1			
120							30.6	145	50.6	44.0	159	47.5			
125							24.4	134	48.1	39.9	153	45.2			
130							18.3	124	33.0	35.3	147	43.0			
135										30.0	138	41.0			
140										23.7	128	39.1			
153													37.0	132	30.3
155													36.6	131	30.2
160													31.5	123	29.0
165													25.6	113	27.8
170													17.8	100	26.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      115 ft luffing jib                      84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	104.0									
50	71.6	204	103.0	74.1	205	104.0									
55	69.0	202	100.2	71.4	204	103.8									
60	66.2	200	94.6	68.8	202	100.0									
65	63.5	198	92.5	66.0	199	95.1									
70	60.6	195	90.2	63.2	197	92.7									
75	57.7	192	86.6	60.4	194	90.1									
75							67.0	198	89.5						
80	54.6	188	83.6	57.4	191	86.4	64.4	196	83.1						
85	51.5	184	81.1	54.4	187	81.0	61.6	193	77.1						
90	48.1	180	76.1	51.2	183	75.5	58.7	190	71.9						
95	44.6	175	70.4	47.9	179	70.7	55.7	187	67.2						
100	40.9	169	61.1	44.3	174	66.4	52.6	183	63.1						
105	36.8	163	59.8	40.6	168	62.5	49.3	179	59.4						
107										57.0	183	54.2			
110	32.3	155	56.1	36.5	162	59.0	45.9	174	56.1	55.4	181	52.6			
115	27.1	146	50.6	31.9	154	55.8	42.2	169	53.1	52.3	177	49.7			
120	20.6	134	45.0	26.6	145	51.7	38.3	162	50.4	49.0	173	47.2			
125				21.7	136	33.0	33.9	155	47.9	45.5	168	44.8			
130							29.0	147	45.6	41.8	163	42.7			
135							23.1	136	43.4	37.9	156	40.7			
140							17.2	125	33.0	33.5	149	38.8			
145										28.5	141	37.1			
150										22.4	129	35.5			
161													37.0	137	28.0
165													34.7	134	27.4
170													29.9	125	26.4
175													24.2	115	25.3
180													16.7	101	24.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	89.9	72.9	214	91.9									
60	68.2	211	87.6	70.5	212	90.0									
65	65.7	209	85.1	68.0	210	87.8									
70	63.1	206	83.1	65.5	208	85.3									
75	60.5	203	81.1	62.9	205	83.2									
79							67.0	207	83.4						
80	57.8	200	78.8	60.3	203	81.2	66.6	207	82.9						
85	55.0	197	76.7	57.6	199	78.8	64.1	204	76.9						
90	52.1	193	75.0	54.8	196	75.4	61.4	201	71.6						
95	49.1	189	71.7	51.9	192	70.5	58.8	198	67.0						
100	45.9	184	66.5	48.9	188	66.2	56.0	195	62.9						
105	42.6	179	58.6	45.7	183	61.4	53.2	191	59.2						
110	39.0	173	56.2	42.3	178	58.8	50.2	187	55.9						
113										57.0	191	50.7			
115	35.1	166	54.1	38.7	172	55.7	47.1	183	52.9	55.7	190	49.5			
120	30.8	158	49.6	34.8	165	52.8	43.8	178	50.2	52.9	186	46.9			
125	25.7	148	44.9	30.4	157	50.2	40.3	172	47.7	49.9	182	44.6			
130	19.5	135	40.2	25.3	147	45.9	36.5	165	45.4	46.8	177	42.4			
135				20.6	137	33.0	32.3	158	43.3	43.5	172	40.5			
140							27.6	149	41.3	39.9	166	38.6			
145							21.9	137	39.5	36.1	159	36.9			
150										31.9	152	35.3			
155										27.1	143	33.9			
160										22.7	134	32.5			
169													37.0	143	26.3
170													37.0	143	26.1
175													33.1	136	25.1
180													28.5	128	24.1
185													23.0	117	23.2
190													15.7	102	22.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	77.8	72.0	223	79.8									
65	67.6	219	75.9	69.7	221	77.7									
70	65.3	217	73.9	67.4	219	76.0									
75	62.9	215	72.3	65.1	216	74.0									
80	60.4	212	70.7	62.7	214	72.4									
83							67.0	216	72.6						
85	57.9	209	68.8	60.3	211	70.8	66.1	215	72.6						
90	55.4	205	67.2	57.7	208	69.0	63.7	213	71.3						
95	52.7	201	65.8	55.2	205	67.4	61.3	210	66.7						
100	49.9	197	63.4	52.5	201	65.9	58.8	207	62.6						
105	47.0	193	59.9	49.7	197	62.1	56.3	204	58.9						
110	44.0	188	56.5	46.8	192	58.6	53.6	200	55.6						
115	40.8	182	53.5	43.8	187	55.4	50.9	196	52.6						
118										57.0	199	47.5			
120	37.4	176	50.8	40.5	181	52.6	48.1	192	49.9	56.0	198	46.5			
125	33.6	168	47.9	37.1	175	50.0	45.1	187	47.4	53.4	194	44.2			
130	29.4	160	43.9	33.3	167	47.6	41.9	181	45.1	50.6	190	42.1			
135	24.6	150	39.8	29.1	159	44.8	38.6	175	43.0	47.8	186	40.1			
140	18.5	136	35.7	24.2	148	40.8	34.9	168	41.1	44.8	181	38.3			
145				19.6	138	33.0	30.9	160	39.2	41.6	175	36.6			
150							26.4	151	37.6	38.2	169	35.0			
155							20.8	139	36.0	34.6	162	33.5			
160										31.5	156	32.2			
165										27.0	147	30.9			
170										21.7	135	29.7			
177													37.0	149	24.1
180													35.6	147	23.8
185													31.7	139	22.9
190													27.2	130	22.0
195													21.9	118	21.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	68.1	71.2	231	69.5									
70	67.1	228	66.3	69.1	229	67.9									
75	64.9	226	63.3	66.9	227	66.5									
80	62.7	223	62.5	64.7	225	63.5									
85	60.4	220	61.3	62.5	222	62.6									
87							67.0	225	62.9						
90	58.0	217	59.9	60.2	220	61.4	65.6	224	62.9						
95	55.6	214	58.6	57.9	216	60.1	63.4	221	62.6						
100	53.2	210	57.5	55.5	213	58.9	61.2	218	61.3						
105	50.6	206	56.5	53.0	209	58.0	58.9	215	58.5						
110	48.0	202	54.0	50.4	205	56.7	56.5	212	55.2						
115	45.2	197	51.7	47.8	201	54.5	54.1	209	52.2						
120	42.3	191	49.5	45.0	196	52.3	51.5	205	49.5						
124										57.0	208	44.5			
125	39.2	185	47.5	42.1	190	49.7	48.9	200	47.1	56.3	207	43.8			
130	35.9	179	45.8	38.9	184	47.3	46.2	196	44.8	53.8	203	41.7			
135	32.2	171	42.8	35.6	178	45.1	43.3	190	42.7	51.3	199	39.7			
140	28.2	162	39.3	32.0	170	43.1	40.3	185	40.7	48.7	195	37.9			
145	23.5	151	35.8	27.9	161	40.2	37.1	178	38.9	45.9	190	36.2			
150	19.2	141	30.4	23.1	150	36.8	33.6	171	37.3	43.0	185	34.7			
155				18.7	139	31.7	29.7	163	35.7	40.0	179	33.2			
160							25.2	153	34.2	37.5	174	31.9			
165							21.2	143	32.9	34.0	167	30.6			
170										30.2	159	29.4			
175										25.9	149	28.3			
180										20.7	137	27.2			
185													37.0	155	22.5
185													37.0	155	22.3
190													34.2	149	21.6
195													30.4	141	20.8
200													26.1	132	20.1
205													20.9	120	19.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 154 ft luffing jib 84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	57.2	68.5	238	58.3									
80	64.5	234	56.3	66.4	236	57.3									
85	62.4	232	55.7	64.4	233	56.4									
90	60.3	229	54.8	62.3	231	55.7									
91							67.0	234	55.7						
95	58.1	226	53.7	60.2	228	54.8	65.3	232	55.7						
100	55.9	222	52.8	58.0	225	53.9	63.2	230	55.3						
105	53.6	219	51.9	55.7	222	53.1	61.1	227	54.5						
110	51.2	215	51.2	53.4	218	52.3	58.9	224	53.9						
115	48.8	210	49.6	51.0	214	51.7	56.7	221	52.0						
120	46.2	206	47.7	48.6	210	49.9	54.4	217	49.3						
125	43.6	200	45.9	46.0	205	48.2	52.1	213	46.8						
129										57.0	216	41.9			
130	40.7	195	44.2	43.3	200	46.6	49.6	209	44.5	56.5	215	41.4			
135	37.8	188	42.7	40.5	194	44.9	47.1	205	42.5	54.2	211	39.5			
140	34.5	181	41.3	37.5	188	42.9	44.5	200	40.5	51.8	208	37.6			
145	31.0	173	38.2	34.3	180	41.0	41.7	194	38.7	49.4	203	36.0			
150	27.1	164	35.2	30.8	172	39.0	38.8	188	37.1	46.9	199	34.4			
155	23.7	156	28.9	26.8	163	36.0	35.7	181	35.5	44.9	195	33.0			
160	18.3	142	27.5	23.3	154	30.0	32.3	174	34.1	42.1	190	31.7			
165							29.5	167	32.3	39.2	184	30.4			
170							25.3	157	31.5	36.1	177	29.2			
175							20.3	145	30.2	32.8	169	28.0			
180										29.1	161	27.0			
185										24.9	151	26.0			
190										19.8	138	25.0			
193													37.0	161	20.8
195													36.3	160	20.6
200													32.9	152	19.8
205													29.2	143	19.1
210													25.0	133	18.4
215													20.0	121	17.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	51.4									
85	64.2	243	50.4	66.0	244	50.9									
90	62.3	240	50.1	64.1	242	50.5									
95							67.0	243	49.8						
95	60.3	237	49.4	62.1	239	50.1	66.8	243	49.8						
100	58.2	234	48.6	60.1	236	49.5	64.9	241	49.8						
105	56.1	231	48.0	58.1	233	48.8	63.0	238	49.4						
110	54.0	227	47.4	56.0	230	48.2	61.0	235	49.0						
115	51.8	223	46.9	53.8	226	47.7	58.9	232	48.7						
120	49.5	219	45.8	51.6	223	47.3	56.9	229	48.1						
125	47.1	214	44.3	49.3	218	46.1	54.7	226	46.5						
130	44.6	210	42.8	46.9	214	44.7	52.5	222	44.2						
134										57.0	224	39.4			
135	42.1	204	41.4	44.4	209	43.4	50.3	218	42.1	56.7	224	39.1			
140	39.3	198	40.2	41.9	203	42.2	47.9	213	40.2	54.5	220	37.3			
145	36.4	192	39.0	39.1	197	40.7	45.5	209	38.4	52.3	216	35.6			
150	33.3	184	37.2	36.2	191	39.0	43.0	203	36.7	50.1	212	34.0			
155	29.9	176	34.5	33.1	183	37.3	40.3	197	35.2	48.3	209	32.6			
160	27.1	168	28.7	29.7	175	35.3	37.5	191	33.7	45.8	204	31.3			
165	22.8	157	26.8	26.7	167	29.5	35.2	186	32.5	43.3	199	30.0			
170	17.5	143	24.9	22.4	156	28.1	32.0	178	31.2	40.7	193	28.8			
175							28.4	169	30.0	37.9	187	27.7			
180							24.4	159	28.8	34.9	180	26.7			
185							19.5	146	27.7	31.6	172	25.6			
190										28.0	163	24.7			
195										23.9	152	23.8			
200										19.0	139	22.9			
201													37.0	167	19.2
205													35.0	162	18.7
210													31.8	155	18.0
215													28.2	146	17.4
220													24.1	135	16.8
225													19.2	122	16.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	43.9									
95	62.1	248	42.9	63.8	250	43.4									
98							67.0	252	42.9						
100	60.2	246	42.3	62.0	248	43.0	66.4	252	42.9						
105	58.3	243	41.6	60.1	245	42.4	64.6	249	42.9						
110	56.3	239	41.1	58.1	242	41.8	62.8	247	42.6						
115	54.3	236	40.5	56.2	239	41.2	60.9	244	42.1						
120	52.2	232	40.1	54.1	235	40.8	59.0	241	41.7						
125	50.1	228	39.5	52.1	231	40.4	57.0	238	41.2						
130	47.9	223	38.5	49.9	227	39.7	55.0	234	40.7						
135	45.6	218	37.6	47.7	223	38.8	52.9	230	40.3						
140										57.0	232	37.0			
140	43.2	213	36.7	45.4	218	38.0	50.8	226	39.9	56.8	232	36.9			
145	40.7	208	35.8	43.0	212	37.2	48.7	222	38.1	54.8	229	35.2			
150	38.1	201	35.1	40.5	207	36.5	46.4	217	36.4	52.7	225	33.7			
155	35.3	194	34.4	37.9	200	35.9	44.0	212	34.9	51.1	222	32.3			
160	33.0	189	28.7	35.0	193	35.1	41.6	207	33.4	49.0	217	30.9			
165	29.7	180	27.1	32.7	188	30.7	39.6	202	32.1	46.7	213	29.7			
170	26.1	170	25.5	29.5	179	29.1	36.9	196	30.9	44.4	208	28.5			
175	22.0	159	23.9	25.8	169	27.5	34.0	188	29.7	41.9	202	27.4			
180	16.8	144	22.3	21.6	157	26.0	30.9	180	28.5	39.4	196	26.3			
185							27.4	171	27.5	36.6	190	25.3			
190							23.5	160	26.4	33.7	182	24.4			
195							18.8	147	25.5	30.6	174	23.5			
200										27.1	165	22.6			
205										23.1	154	21.8			
208													37.0	173	17.7
210													36.8	172	17.7
215													33.8	165	17.0
220													30.7	157	16.4
225													27.2	148	15.8
230													23.2	137	15.2
235													18.5	123	14.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	37.6									
102							67.0	261	37.3						
105	60.2	254	36.5	61.8	256	37.2	66.1	260	37.3						
110	58.4	251	35.9	60.0	253	36.6	64.3	258	37.3						
115	56.5	248	35.4	58.2	250	36.1	62.6	255	36.9						
120	54.6	244	34.9	56.3	247	35.5	60.8	252	36.4						
125	52.6	240	34.5	54.4	244	35.1	59.0	249	36.0						
130	50.6	236	34.2	52.5	240	34.7	57.1	246	35.6						
135	48.6	232	33.6	50.5	236	34.3	55.3	243	35.1						
140	46.4	227	33.1	48.4	231	33.8	53.3	239	34.7						
145										57.0	241	33.8			
145	44.7	224	28.9	46.2	227	33.4	51.3	235	34.3	57.0	241	33.8			
150	42.4	218	28.0	44.5	223	30.0	49.3	231	34.0	55.1	237	33.4			
155	40.0	212	27.3	42.2	217	29.5	47.2	226	33.6	53.6	234	31.8			
160	37.5	206	26.6	39.8	211	29.0	45.0	221	33.2	51.6	230	30.6			
165	34.8	199	25.9	37.3	205	28.6	43.2	217	30.2	49.6	226	29.4			
170	31.9	191	24.7	34.6	198	27.9	40.9	212	29.7	47.5	222	28.2			
175	28.8	182	23.5	31.7	190	26.8	38.4	205	29.2	45.3	217	27.1			
180	25.3	172	22.4	28.5	181	25.7	35.8	199	28.3	43.0	211	26.0			
185	21.2	160	21.2	25.0	171	24.5	33.0	191	27.2	40.6	206	25.0			
190	16.2	145	20.0	20.9	159	23.3	29.9	183	26.2	38.1	199	24.1			
195							26.5	173	25.3	35.5	193	23.2			
200							22.7	162	24.4	32.7	185	22.4			
205							18.1	148	23.5	29.6	177	21.6			
210										26.2	167	20.8			
215										22.3	155	20.1			
216													37.0	179	16.4
220													35.6	175	16.1
225													32.8	168	15.5
230													29.7	159	15.0
235													26.3	150	14.4
240													22.5	138	13.9
245													17.8	124	13.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.6						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	29.6						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	29.5						
120	57.1	257	28.0	58.7	260	28.5	62.8	264	29.3						
125	55.3	254	27.6	56.9	256	28.1	61.1	261	29.0						
130	53.4	250	27.3	55.1	253	27.8	59.4	259	28.8						
135	51.5	246	27.0	53.3	249	27.5	57.7	255	28.5						
140	49.6	242	26.6	51.4	245	27.2	55.9	252	28.2						
145	47.6	237	26.1	49.5	241	26.9	54.1	248	27.9						
150	45.6	232	25.5	47.5	237	26.5	52.2	245	27.7						
150										57.0	249	27.2			
155	43.4	227	25.1	45.4	232	26.2	50.3	241	27.5	55.7	246	27.2			
160	41.2	222	24.6	43.3	226	25.9	48.3	236	27.1	53.9	243	27.2			
165	38.9	216	24.2	41.0	221	25.6	46.3	231	26.7	52.0	239	26.9			
170	36.4	209	23.8	38.7	215	25.3	44.2	226	26.3	50.1	235	26.7			
175	33.8	202	23.2	36.2	208	25.0	42.0	221	26.0	48.1	230	26.5			
180	31.0	194	22.2	33.6	201	24.3	39.7	215	25.7	46.1	226	25.7			
185	27.9	184	21.3	30.7	192	23.4	37.3	209	25.4	44.0	221	24.7			
190	24.5	174	20.4	27.7	183	22.5	34.7	201	25.0	41.8	215	23.8			
195	20.5	162	19.4	24.2	173	21.6	32.0	194	24.4	39.5	209	22.9			
200	15.5	146	18.5	20.2	160	20.7	29.0	185	23.8	37.0	203	22.0			
205							25.7	175	23.2	34.5	195	21.2			
210							22.0	163	22.4	31.7	188	20.5			
215							17.4	149	21.6	28.7	179	19.7			
220										25.4	169	19.0			
224													37.0	185	15.2
225										21.6	157	18.4	37.0	185	15.1
230													34.6	178	14.6
235													31.8	170	14.1
240													28.8	162	13.6
245													25.5	151	13.1
250													21.7	140	12.6
255													17.1	125	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	25.6						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	25.3						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	25.0						
135	53.7	259	23.6	55.3	261	24.2	59.4	267	24.8						
140	51.9	255	23.4	53.6	258	23.9	57.8	264	24.5						
145	50.1	251	23.1	51.8	254	23.7	56.1	261	24.3						
150	48.2	246	22.9	50.0	250	23.5	54.3	257	24.0						
155	46.3	241	22.7	48.1	245	23.3	52.6	253	23.8						
156										57.0	257	23.3			
160	44.3	236	22.4	46.2	241	23.0	50.8	249	23.7	55.9	255	23.3			
165	42.2	231	22.2	44.1	235	22.8	48.9	245	23.5	54.2	251	23.3			
170	40.1	225	22.0	42.1	230	22.7	47.0	240	23.3	52.4	248	23.1			
175	37.8	219	21.9	39.9	224	22.5	45.0	235	23.1	50.6	243	22.9			
180	35.4	212	21.7	37.6	218	22.3	43.0	230	22.9	48.7	239	22.8			
185	32.8	204	21.0	35.2	211	22.0	40.8	224	22.7	46.8	235	22.7			
190	30.1	196	20.3	32.6	203	21.4	38.6	218	22.6	44.8	230	22.6			
195	27.1	187	19.5	29.9	195	20.7	36.2	212	22.5	42.8	224	22.5			
200	23.7	176	18.8	26.8	185	20.0	33.8	204	22.1	40.6	218	21.7			
205	19.8	163	18.0	23.5	174	19.3	31.1	196	21.6	38.4	212	20.9			
210				19.5	161	18.6	28.2	187	21.2	36.0	206	20.1			
215							25.0	177	20.8	33.5	198	19.4			
220							21.3	165	20.3	30.8	190	18.7			
225							16.8	150	19.8	27.9	181	18.1			
230										24.6	170	17.4			
232													37.0	191	13.9
235										20.9	158	16.8	36.1	188	13.7
240													33.6	181	13.2
245													30.9	173	12.7
250													28.0	164	12.2
255													24.8	153	11.8
260													21.0	141	11.3
265													16.5	126	10.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	188.7												
37				75.0	168	188.7									
40	67.1	165	186.6	71.9	167	188.7									
45	62.2	163	180.6	67.2	165	183.3									
50	57.0	159	162.1	62.3	162	159.4									
55	51.5	156	143.4	57.1	159	140.8									
59							67.0	162	123.2						
60	45.5	151	128.3	51.6	155	126.0	65.7	161	119.8						
65	38.7	145	110.0	45.6	151	113.9	60.8	159	108.3						
70	30.6	137	97.6	38.9	145	103.8	55.5	155	98.7						
75	19.6	126	77.9	30.9	137	91.2	49.9	151	90.6						
80				23.0	129	33.0	43.7	146	83.7						
85										57.0	150	73.1			
85							36.6	140	77.7	56.7	150	72.8			
90							28.0	131	72.4	51.2	146	67.9			
95							18.9	122	33.0	45.1	142	63.5			
100										38.3	136	59.6			
105										30.2	128	56.1			
110										22.0	119	33.0			
129													37.0	115	38.2
130													26.2	113	37.8
135														104	36.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.8												
39				75.0	177	158.8									
40	70.2	176	158.8	74.4	177	158.8									
45	66.1	174	158.2	70.3	175	158.8									
50	61.8	171	157.3	66.2	173	158.0									
55	57.3	168	143.2	61.9	171	140.6									
60	52.6	164	128.2	57.4	168	125.8									
63							67.0	171	113.4						
65	47.5	160	115.8	52.7	164	113.7	64.9	170	108.0						
70	42.0	154	105.6	47.7	159	103.6	60.6	167	98.4						
75	35.7	148	94.2	42.1	154	95.1	56.0	164	90.4						
80	28.1	139	82.3	35.9	148	87.8	51.2	160	83.5						
85	17.7	126	68.8	28.4	139	81.5	46.0	155	77.5						
90				20.9	130	33.0	40.3	150	72.2						
90										57.0	159	67.4			
95							33.7	143	67.6	52.3	155	63.2			
100							25.7	133	63.4	47.2	151	59.3			
105										41.6	145	55.9			
110										35.3	138	52.8			
115										27.7	130	49.9			
120										20.0	120	33.0			
137													37.0	121	35.1
140													32.5	116	34.0
145													26.2	108	32.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	149.7												
42				75.0	187	150.1									
45	69.0	184	146.9	72.7	186	150.0									
50	65.3	182	140.4	69.1	184	147.7									
55	61.5	180	135.5	65.4	182	140.3									
60	57.6	176	121.4	61.6	179	125.6									
65	53.4	173	115.7	57.7	176	113.5									
66							67.0	180	104.8						
70	49.0	169	105.5	53.5	172	103.4	64.3	178	98.1						
75	44.3	164	89.8	49.2	168	95.0	60.5	176	90.0						
80	39.1	158	85.0	44.4	163	87.7	56.4	172	83.1						
85	33.2	151	79.3	39.2	157	81.4	52.2	169	77.2						
90	26.1	141	69.3	33.4	150	75.8	47.8	164	71.9						
95	16.1	127	57.2	26.3	141	70.9	42.9	159	67.3						
95										57.0	167	62.4			
100							37.6	153	63.2	53.2	164	59.0			
105							31.4	145	59.5	48.8	159	55.5			
110							23.8	135	56.2	44.0	154	52.4			
115										38.8	148	49.6			
120										32.9	141	47.1			
125										25.7	132	44.7			
130										18.3	121	33.0			
145													37.0	127	32.3
150													31.8	120	30.8
155													24.3	110	29.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 95 ft luffing jib 94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	134.1												
44				75.0	196	133.2									
45	71.3	195	131.9	74.6	196	133.2									
50	68.1	193	128.5	71.4	195	132.5									
55	64.7	191	122.0	68.1	193	129.6									
60	61.3	188	118.3	64.8	190	123.1									
65	57.8	185	111.3	61.4	188	113.4									
70	54.1	181	105.4	57.9	185	103.3									
70							67.0	189	97.5						
75	50.2	177	96.5	54.2	181	94.8	63.8	187	89.8						
80	46.1	173	88.8	50.3	177	87.6	60.4	184	82.9						
85	41.6	167	81.7	46.2	172	81.3	56.8	181	77.0						
90	36.7	161	75.7	41.7	167	75.8	53.0	177	71.8						
95	31.1	153	68.6	36.9	160	70.9	49.1	173	67.2						
100	24.4	143	56.9	31.3	153	66.6	44.9	168	63.1						
101										57.0	175	58.2			
105										53.9	172	55.3			
110				24.6	143	58.0	40.3	162	59.4	50.0	168	52.2			
115							29.4	147	53.1	45.8	163	49.5			
120							22.1	136	50.3	41.4	158	46.9			
125										36.4	151	44.6			
130										30.8	144	42.4			
135										24.0	133	40.4			
153													37.0	133	29.7
155													35.6	131	29.3
160													29.8	122	28.1
165													22.6	112	26.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 105 ft luffing jib 94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	116.2												
47				75.0	206	116.0									
50	70.2	204	113.5	73.2	205	116.0									
55	67.3	202	109.7	70.3	203	113.7									
60	64.3	199	105.6	67.4	201	110.2									
65	61.1	197	102.4	64.3	199	106.0									
70	57.9	193	97.5	61.2	196	103.0									
74							67.0	198	90.9						
75	54.6	190	90.8	58.0	193	93.4	66.4	198	89.5						
80	51.1	186	88.6	54.7	190	87.3	63.4	195	82.6						
85	47.5	182	82.6	51.2	186	81.0	60.3	193	76.6						
90	43.6	176	76.3	47.6	181	75.5	57.0	189	71.4						
95	39.4	171	70.5	43.7	176	70.7	53.7	186	66.8						
100	34.7	164	65.5	39.5	170	66.4	50.1	182	62.8						
105	29.4	155	58.8	34.8	163	62.5	46.4	177	59.1						
106										57.0	183	54.2			
110	22.9	144	52.4	29.5	155	59.0	42.4	172	55.8	54.4	181	51.8			
115				23.1	144	53.4	38.1	166	52.8	50.9	177	49.1			
120							33.3	158	50.1	47.3	172	46.5			
125							27.7	149	47.6	43.4	167	44.2			
130							20.7	138	45.3	39.1	161	42.1			
135										34.4	154	40.1			
140										29.1	146	38.3			
145										22.5	135	36.6			
160													37.0	138	27.4
165													33.6	133	26.6
170													28.1	125	25.5
175													21.2	113	24.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

94  
115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 115 ft luffing jib 94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	103.5									
50	72.0	214	102.8	74.7	215	103.5									
55	69.3	212	100.4	72.1	214	103.3									
60	66.6	210	95.0	69.4	212	100.4									
65	63.8	208	92.8	66.7	210	97.5									
70	61.0	205	90.8	63.9	207	93.3									
75	58.1	202	87.4	61.1	205	91.3									
78							67.0	207	85.0						
80	55.0	198	84.4	58.2	202	87.1	65.9	206	82.2						
85	51.9	195	82.0	55.1	198	80.8	63.1	204	76.3						
90	48.6	190	76.9	52.0	194	75.3	60.2	201	71.1						
95	45.1	185	71.9	48.7	190	70.4	57.2	198	66.5						
100	41.4	180	66.8	45.2	185	66.1	54.2	194	62.4						
105	37.4	174	60.9	41.5	180	62.3	51.0	190	58.8						
110	32.9	166	58.0	37.5	173	58.8	47.7	186	55.5						
112										57.0	192	50.6			
115	27.8	157	52.4	33.1	166	55.7	44.1	181	52.5	54.9	189	48.7			
120	21.6	146	46.8	28.0	157	52.8	40.3	175	49.8	51.7	185	46.2			
125				21.8	146	48.5	36.2	169	47.3	48.4	181	43.9			
130							31.6	161	45.1	44.9	176	41.7			
135							26.2	151	43.0	41.2	171	39.8			
140							19.5	139	41.0	37.2	164	38.0			
145										32.7	157	36.3			
150										27.5	148	34.8			
155										21.2	136	33.3			
168													37.0	144	25.3
170													36.4	143	25.1
175													31.9	136	24.2
180													26.6	126	23.2
185													20.0	114	22.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	90.5									
55	71.0	223	88.9	73.5	224	90.4									
60	68.6	221	86.8	71.1	222	90.3									
65	66.1	219	84.4	68.6	220	87.1									
70	63.5	216	82.4	66.1	218	84.8									
75	60.9	213	80.7	63.6	216	82.7									
80	58.2	210	78.4	61.0	213	81.0									
82							67.0	216	79.8						
85	55.4	207	76.4	58.3	210	78.8	65.4	215	76.0						
90	52.5	203	74.7	55.5	207	75.1	62.8	212	70.8						
95	49.5	199	71.8	52.6	203	70.3	60.1	210	66.3						
100	46.4	194	67.1	49.6	199	66.0	57.4	206	62.2						
105	43.1	189	59.2	46.5	194	62.1	54.6	203	58.6						
110	39.5	183	56.9	43.2	189	58.6	51.7	199	55.3						
115	35.7	177	54.9	39.6	183	55.5	48.7	195	52.3						
117										57.0	200	47.4			
120	31.4	169	50.8	35.8	176	52.6	45.5	190	49.6	55.3	198	45.9			
125	26.5	159	46.1	31.5	168	50.0	42.1	184	47.2	52.4	194	43.6			
130	20.5	147	41.4	26.6	159	47.6	38.5	178	44.9	49.4	190	41.5			
135				20.6	147	42.8	34.5	171	42.8	46.2	185	39.6			
140							30.1	163	40.9	42.9	180	37.8			
145							25.0	153	39.1	39.3	174	36.1			
150							18.5	140	37.4	35.4	167	34.6			
155										31.1	159	33.1			
160										27.4	152	31.8			
165										21.7	141	30.5			
176													37.0	150	23.5
180													34.8	146	23.0
185													30.4	138	22.1
190													25.3	128	21.3
195													18.9	115	20.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	78.0	72.5	233	79.8									
65	67.9	229	76.2	70.3	231	78.2									
70	65.6	227	74.3	68.0	229	76.6									
75	63.2	225	72.7	65.7	227	74.5									
80	60.8	222	71.2	63.3	224	72.9									
85	58.3	219	69.3	60.8	222	71.4									
86							67.0	225	72.5						
90	55.7	216	67.7	58.3	218	69.7	64.9	223	70.5						
95	53.1	212	66.3	55.8	215	68.2	62.5	221	65.9						
100	50.3	208	64.2	53.1	211	65.7	60.1	218	61.8						
105	47.5	203	60.6	50.4	207	61.8	57.6	215	58.2						
110	44.4	198	57.2	47.5	203	58.4	55.0	211	54.9						
115	41.3	193	54.2	44.5	198	55.2	52.3	208	52.0						
120	37.8	186	51.4	41.3	192	52.4	49.5	203	49.3						
122										57.0	208	44.4			
125	34.1	179	48.7	37.9	186	49.8	46.6	199	46.8	55.6	206	43.2			
130	30.0	171	44.8	34.2	179	47.4	43.6	194	44.6	52.9	203	41.1			
135	25.3	161	41.0	30.1	171	45.2	40.3	188	42.5	50.2	199	39.2			
140	19.5	148	37.0	25.4	161	42.6	36.8	181	40.6	47.3	194	37.4			
145				19.6	148	38.5	33.0	174	38.8	44.3	189	35.7			
150							28.8	165	37.1	41.1	183	34.2			
155							23.8	155	35.6	38.5	179	32.8			
160							17.5	141	34.1	34.8	172	31.5			
165										30.8	164	30.2			
170										26.2	154	29.0			
175										20.6	142	27.9			
184													37.0	156	21.9
185													37.0	156	21.7
190													33.3	149	20.9
195													29.0	140	20.1
200													24.1	130	19.4
205													17.9	116	18.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	68.9									
70	67.4	238	65.8	69.6	240	67.4									
75	65.2	236	63.1	67.4	238	66.1									
80	63.0	233	62.0	65.2	235	63.4									
85	60.7	230	60.9	63.0	233	62.2									
89							67.0	235	62.0						
90	58.4	227	59.5	60.7	230	61.1	66.8	234	62.0						
95	56.0	224	58.2	58.4	227	59.8	64.6	232	62.0						
100	53.5	220	57.1	56.0	224	58.7	62.3	229	61.2						
105	51.0	216	56.1	53.6	220	57.7	60.0	226	57.8						
110	48.3	212	53.9	51.1	216	56.8	57.7	223	54.6						
115	45.6	207	51.4	48.4	212	54.7	55.3	220	51.6						
120	42.7	202	49.1	45.7	207	52.1	52.8	216	48.9						
125	39.6	196	47.0	42.8	202	49.5	50.3	212	46.5						
128										57.0	217	41.7			
130	36.3	189	45.2	39.7	196	47.1	47.6	208	44.2	55.9	215	40.7			
135	32.8	182	42.6	36.4	189	44.9	44.8	203	42.2	53.4	211	38.8			
140	28.8	173	39.4	32.9	182	42.9	41.9	197	40.3	50.8	207	37.0			
145	24.2	163	36.1	28.9	173	41.0	38.7	191	38.5	48.2	203	35.4			
150	20.0	153	27.8	24.3	163	37.9	35.4	184	36.8	45.4	198	33.8			
155				18.7	149	34.4	31.7	177	35.3	43.2	194	32.5			
160							27.6	167	33.8	40.2	188	31.1			
165							24.0	159	32.1	37.0	182	29.9			
170							18.2	146	31.2	33.4	174	28.7			
175										29.5	166	27.6			
180										25.1	156	26.5			
185										19.7	143	25.5			
192													37.0	162	20.1
195													35.6	159	19.7
200													31.9	152	19.0
205													27.8	143	18.3
210													23.1	132	17.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	59.4									
75	66.9	247	57.4	68.9	248	58.5									
80	64.8	244	56.5	66.9	246	57.7									
85	62.7	242	55.7	64.9	244	56.7									
90	60.6	239	54.9	62.8	241	55.9									
93							67.0	244	55.4						
95	58.4	236	53.9	60.7	238	55.1	66.3	243	55.4						
100	56.2	233	52.9	58.5	235	54.2	64.2	240	55.4						
105	53.9	229	52.1	56.3	232	53.3	62.2	238	54.8						
110	51.6	225	51.4	54.0	229	52.6	60.0	235	54.0						
115	49.1	221	50.0	51.6	225	51.9	57.8	232	51.4						
120	46.6	216	48.1	49.2	220	50.5	55.6	228	48.7						
125	43.9	211	46.2	46.6	216	48.9	53.3	225	46.2						
130	41.1	205	44.5	44.0	211	46.9	50.9	221	44.0						
133										57.0	225	39.3			
135	38.2	199	43.0	41.2	205	44.7	48.4	216	41.9	56.1	223	38.5			
140	35.0	192	41.6	38.3	199	42.7	45.9	212	40.0	53.8	220	36.7			
145	31.5	184	38.8	35.1	192	40.8	43.2	206	38.2	51.4	216	35.1			
150	27.7	175	35.9	31.6	184	39.1	40.3	201	36.6	49.0	212	33.6			
155	24.3	167	26.9	27.8	175	37.4	37.3	194	35.1	47.0	208	32.2			
160	19.1	154	25.6	23.4	164	34.4	34.1	187	33.6	44.4	203	30.9			
165				19.3	154	27.3	31.4	181	32.0	41.6	197	29.6			
170							27.5	172	31.1	38.7	191	28.5			
175							23.0	161	29.9	35.6	185	27.4			
180							17.4	147	28.7	32.2	177	26.3			
185										28.4	168	25.3			
190										24.1	158	24.4			
195										18.8	144	23.5			
200													37.0	168	18.8
200													37.0	168	18.6
205													34.3	162	18.1
210													30.7	154	17.4
215													26.8	145	16.8
220													22.1	133	16.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	51.0									
85	64.5	253	49.8	66.5	255	50.5									
90	62.5	250	49.5	64.6	252	50.1									
95	60.5	247	48.9	62.6	250	49.7									
97							67.0	253	48.8						
100	58.5	244	48.3	60.6	247	49.2	65.9	251	48.8						
105	56.4	241	47.6	58.6	244	48.5	64.0	249	48.8						
110	54.3	238	47.1	56.5	241	47.9	62.0	246	48.4						
115	52.1	234	46.6	54.3	237	47.4	60.0	243	48.0						
120	49.8	229	45.9	52.1	233	46.9	57.9	240	47.7						
125	47.4	225	44.4	49.9	229	46.1	55.8	237	45.9						
130	45.0	220	43.0	47.5	225	44.8	53.7	233	43.7						
135	42.4	215	41.7	45.0	220	43.6	51.4	229	41.6						
138										57.0	233	36.9			
140	39.7	209	40.5	42.5	214	42.4	49.1	225	39.7	56.3	232	36.3			
145	36.9	202	39.4	39.8	208	40.5	46.8	221	37.9	54.2	228	34.7			
150	33.8	195	37.9	36.9	202	38.8	44.3	215	36.3	51.9	224	33.2			
155	30.4	187	35.3	33.9	195	37.2	41.7	210	34.7	50.2	221	31.8			
160	27.6	180	26.1	30.5	187	35.7	38.9	204	33.3	47.9	217	30.5			
165	23.4	169	24.7	26.8	177	33.6	36.7	199	32.0	45.4	212	29.3			
170	18.3	155	23.3	23.5	169	27.0	33.6	192	30.8	42.9	207	28.1			
175				18.5	155	25.3	30.3	183	29.6	40.2	201	27.0			
180							26.5	174	28.5	37.4	195	26.0			
185							22.1	162	27.4	34.3	187	25.0			
190							16.7	147	26.4	31.0	179	24.1			
195										27.4	170	23.2			
200										23.2	159	22.3			
205										18.0	145	21.5			
208													37.0	174	17.2
210													36.2	172	17.0
215													33.1	165	16.4
220													29.6	156	15.8
225													25.8	146	15.2
230													21.3	134	14.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 174 ft luffing jib 94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7												
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.5	66.1	263	44.2									
95	62.4	259	43.1	64.3	261	43.7									
100	60.5	256	42.6	62.4	258	43.4									
101							67.0	262	42.8						
105	58.6	253	41.9	60.5	255	42.8	65.5	260	42.8						
110	56.6	250	41.4	58.6	252	42.2	63.7	257	42.8						
115	54.6	246	40.9	56.6	249	41.6	61.8	255	42.3						
120	52.5	242	40.4	54.6	246	41.2	59.9	252	41.9						
125	50.4	238	40.0	52.6	242	40.7	58.0	249	41.5						
130	48.2	234	39.0	50.4	238	40.2	56.0	245	41.0						
135	45.9	229	38.1	48.2	233	39.4	54.0	242	40.6						
140	43.5	224	37.3	46.0	229	38.6	51.9	238	39.3						
144										57.0	241	34.7			
145	41.0	218	36.4	43.6	223	37.9	49.8	234	37.6	56.5	240	34.3			
150	38.4	212	35.7	41.1	218	37.2	47.6	229	35.9	54.9	238	32.9			
155	35.7	205	35.0	38.5	212	36.6	45.3	224	34.4	52.9	234	31.4			
160	32.7	198	33.3	35.7	205	35.4	43.4	220	32.7	50.8	230	30.1			
165	30.2	191	25.0	32.7	197	34.0	40.9	215	31.7	48.6	226	28.9			
170	26.6	182	23.7	30.3	191	27.7	38.3	209	30.5	46.3	221	27.7			
175	22.6	170	22.4	26.7	181	26.1	35.5	202	29.3	44.0	216	26.6			
180	17.6	156	21.0	22.7	170	24.6	32.5	194	28.2	41.5	210	25.6			
185				17.8	156	23.0	29.2	186	27.1	38.9	204	24.6			
190							25.6	176	26.1	36.2	197	23.7			
195							21.3	164	25.1	33.2	190	22.8			
200							16.0	148	24.2	30.0	182	22.0			
205										26.4	172	21.2			
210										22.3	161	20.4			
215										17.3	146	19.7			
215													37.0	180	15.8
220													35.0	175	15.4
225													32.0	167	14.8
230													28.6	158	14.3
235													24.9	148	13.8
240													20.5	136	13.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	37.4									
105							67.0	271	36.9						
105	60.4	264	36.2	62.3	267	37.0	66.9	271	36.9						
110	58.6	261	35.6	60.5	264	36.5	65.2	268	36.8						
115	56.7	258	35.1	58.7	261	35.9	63.5	266	36.7						
120	54.8	255	34.7	56.8	258	35.4	61.7	263	36.3						
125	52.9	251	34.3	54.9	254	34.9	59.9	260	35.8						
130	50.9	247	33.9	52.9	250	34.5	58.1	257	35.4						
135	48.8	243	33.4	51.0	246	34.2	56.2	254	34.9						
140	47.2	239	29.3	48.9	242	33.7	54.3	250	34.5						
145	45.0	234	28.3	46.8	237	33.3	52.3	247	34.1						
149										57.0	250	32.8			
150	42.7	229	27.4	45.1	234	29.6	50.3	243	33.8	57.0	250	31.1			
155	40.4	223	26.6	42.8	228	29.1	48.3	238	33.4	55.2	246	31.1			
160	37.9	217	25.8	40.4	223	28.6	46.6	235	30.7	53.3	243	29.8			
165	35.2	210	25.0	37.9	216	28.1	44.4	229	30.1	51.3	239	28.6			
170	32.3	202	23.8	35.3	209	27.6	42.1	224	29.6	49.2	234	27.4			
175	29.2	193	22.5	32.4	202	26.2	39.7	218	29.0	47.1	230	26.4			
180	25.8	184	21.3	29.3	193	24.8	37.1	212	27.9	44.9	225	25.3			
185	21.8	172	20.0	25.9	183	23.5	34.4	205	26.9	42.6	219	24.4			
190	16.9	157	18.7	21.9	172	22.1	31.5	197	25.9	40.2	214	23.4			
195							28.3	188	24.9	37.7	207	22.6			
200							24.7	177	24.0	35.0	200	21.7			
205							20.6	165	23.2	32.2	193	21.0			
210										29.1	184	20.2			
215										25.6	174	19.5			
220										21.6	162	18.8			
223													37.0	186	14.6
225													36.7	185	14.6
230													33.9	178	14.0
235													31.0	170	13.5
240													27.7	161	13.0
245													24.0	150	12.5
250													19.7	137	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	29.7						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	29.7						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	29.7						
120	57.3	267	28.2	59.1	270	28.8	63.7	275	29.6						
125	55.5	264	27.8	57.3	267	28.4	62.0	272	29.3						
130	53.7	260	27.5	55.6	264	28.0	60.3	270	29.1						
135	51.8	256	27.2	53.7	260	27.7	58.6	267	28.9						
140	49.9	252	26.8	51.9	256	27.4	56.8	263	28.5						
145	47.9	248	26.1	49.9	252	27.1	55.0	260	28.2						
150	45.8	243	25.5	47.9	247	26.7	53.2	256	27.9						
154										57.0	258	28.9			
155	43.7	238	25.0	45.9	243	26.3	51.3	252	27.6	57.0	258	28.9			
160	41.5	232	24.4	43.8	237	25.9	49.3	248	27.3	55.4	255	26.8			
165	39.2	226	23.9	41.6	232	25.6	47.3	243	26.9	53.6	251	26.8			
170	36.8	220	23.5	39.3	226	25.3	45.3	238	26.6	51.7	247	26.5			
175	34.2	213	22.8	36.8	219	25.0	43.1	233	26.2	49.8	243	26.0			
180	31.4	205	21.7	34.2	212	24.3	40.9	228	25.9	47.8	239	25.0			
185	28.3	196	20.6	31.5	204	23.3	38.5	221	25.6	45.7	234	24.0			
190	25.0	185	19.5	28.4	195	22.2	36.0	215	25.4	43.6	229	23.1			
195	21.1	173	18.3	25.1	185	21.2	33.4	207	24.6	41.4	223	22.2			
200	16.3	158	17.2	21.2	173	20.2	30.6	199	23.7	39.1	217	21.4			
205							27.4	190	22.8	36.6	210	20.6			
210							23.9	179	22.0	34.0	203	19.9			
215							19.9	166	21.1	31.2	195	19.2			
220										28.2	186	18.5			
225										24.8	176	17.8			
230										20.9	164	17.2			
231													37.0	192	13.4
235													35.6	188	13.1
240													32.9	180	12.6
245													30.0	172	12.2
250													26.9	163	11.7
255													23.3	152	11.3
260													19.1	138	10.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      203 ft luffing jib                      94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	25.4						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	25.2						
130	55.7	272	23.8	57.5	275	24.4	61.9	281	24.9						
135	54.0	269	23.5	55.8	272	24.1	60.3	278	24.7						
140	52.2	265	23.3	54.0	268	23.8	58.6	275	24.5						
145	50.4	261	23.0	52.2	265	23.6	56.9	272	24.2						
150	48.5	257	22.8	50.4	261	23.4	55.2	268	23.9						
155	46.6	252	22.5	48.6	256	23.1	53.5	265	23.7						
160										57.0	266	24.5			
160	44.6	247	22.3	46.6	251	22.9	51.7	261	23.5	57.0	266	22.5			
165	42.5	241	22.0	44.6	246	22.7	49.9	257	23.3	55.6	263	22.5			
170	40.4	236	21.8	42.6	241	22.5	48.0	252	23.1	53.9	260	22.5			
175	38.1	229	21.6	40.4	235	22.3	46.0	247	22.9	52.1	256	22.3			
180	35.7	223	21.4	38.2	229	22.1	44.0	242	22.7	50.3	252	22.2			
185	33.2	215	20.7	35.8	222	21.9	41.9	237	22.5	48.4	247	22.1			
190	30.5	207	19.7	33.3	215	21.2	39.7	231	22.3	46.5	243	22.1			
195	27.5	198	18.7	30.6	207	20.5	37.5	224	22.2	44.5	238	21.8			
200	24.2	187	17.7	27.6	197	19.8	35.0	218	21.9	42.4	232	21.0			
205	20.4	175	16.7	24.3	187	19.1	32.5	210	21.2	40.2	226	20.2			
210				20.5	174	18.4	29.7	201	20.6	38.0	220	19.5			
215							26.6	192	19.9	35.6	213	18.8			
220							23.2	181	19.3	33.1	206	18.1			
225							19.2	167	18.6	30.3	197	17.5			
230										27.4	188	16.9			
235										24.0	177	16.3			
239													37.0	198	12.3
240										20.2	165	15.7	37.0	198	12.2
245													34.6	191	11.8
250													32.0	183	11.3
255													29.2	174	10.9
260													26.1	164	10.5
265													22.6	153	10.1
270													18.4	139	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

104

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      66 ft luffing jib                      104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	187.8												
38				75.0	178	188.7									
40	67.7	175	184.6	73.0	177	188.6									
45	62.8	173	177.1	68.3	175	182.7									
50	57.7	170	161.9	63.5	173	158.8									
55	52.3	166	143.2	58.4	170	140.3									
60	46.3	161	121.1	53.0	166	125.6									
61							67.0	172	115.6						
65	39.7	156	111.8	47.1	162	113.5	63.3	170	107.2						
70	31.9	148	100.9	40.6	156	103.4	58.2	167	97.7						
75	21.4	137	81.0	33.0	149	94.0	52.8	163	89.7						
80				23.0	139	83.9	46.9	158	82.9						
85							40.4	153	76.9						
89										57.0	159	67.6			
90							32.7	146	71.7	55.8	159	66.6			
95							22.6	135	67.0	50.2	155	62.3			
100										44.0	150	58.5			
105										37.1	143	55.1			
110										28.6	135	52.0			
136													37.0	122	34.3
140													32.2	117	33.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>76 ft luffing jib</b> <b>104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	158.8												
40	70.8	186	158.8												
40				75.0	187	158.8									
45	66.7	184	156.9	71.3	186	158.8									
50	62.4	181	153.3	67.2	184	158.0									
55	58.0	178	142.2	63.0	181	140.1									
60	53.3	175	127.5	58.5	178	125.4									
65	48.2	170	115.7	53.9	175	113.3									
65							67.0	181	106.7						
70	42.8	165	105.5	48.9	170	103.3	62.8	178	97.4						
75	36.6	159	94.0	43.5	165	94.8	58.4	175	89.4						
80	29.3	150	84.1	37.4	159	87.5	53.7	172	82.6						
85	19.5	139	70.9	30.3	151	81.2	48.7	167	76.7						
90				21.0	140	74.8	43.3	162	71.5						
94										57.0	168	62.5			
95										56.3	167	61.9			
100							37.2	156	66.9	51.5	163	58.1			
105							30.1	148	62.8	46.3	159	54.8			
110										40.6	153	51.7			
115										34.1	146	48.9			
120										26.2	137	46.4			
144													37.0	128	31.3
145													36.8	127	31.2
150													29.6	119	29.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>85 ft luffing jib</b> <b>104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	147.1												
43				75.0	197	147.0									
45	69.5	195	144.9	73.6	196	146.9									
50	65.9	192	139.7	70.0	194	145.5									
55	62.1	190	135.1	66.3	192	139.8									
60	58.1	187	122.4	62.6	190	125.1									
65	54.0	183	115.6	58.7	187	113.1									
69							67.0	190	98.9						
70	49.7	179	105.3	54.6	183	103.1	66.2	189	97.0						
75	45.0	174	90.8	50.2	179	94.6	62.4	187	89.1						
80	39.9	168	86.1	45.6	174	87.4	58.5	184	82.2						
85	34.1	161	81.3	40.5	169	81.1	54.4	180	76.3						
90	27.2	152	71.3	34.9	162	75.6	50.1	176	71.2						
95	17.8	139	58.8	28.2	153	70.7	45.4	171	66.6						
100										57.0	176	58.0			
100				19.3	141	60.7	40.4	166	62.5	56.7	176	57.7			
105							34.7	159	58.9	52.5	172	54.4			
110							27.9	150	55.6	48.0	168	51.3			
115										43.2	162	48.6			
120										37.9	156	46.1			
125										31.8	149	43.8			
130										24.2	139	41.7			
152													37.0	134	28.8
155													34.3	130	28.2
160													27.4	121	27.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>95 ft luffing jib</b> <b>104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.9												
45	71.7	205	128.4												
46				75.0	206	129.0									
50	68.5	203	125.0	72.1	205	128.9									
55	65.2	201	120.1	68.9	203	125.7									
60	61.8	198	116.5	65.6	201	121.4									
65	58.3	195	110.4	62.2	198	112.9									
70	54.6	192	104.8	58.7	195	102.9									
73							67.0	199	92.2						
75	50.8	188	96.6	55.1	192	94.5	65.5	198	88.8						
80	46.7	183	89.2	51.3	188	87.3	62.1	195	82.0						
85	42.3	178	82.6	47.2	183	81.0	58.6	192	76.1						
90	37.4	172	76.2	42.8	178	75.5	55.0	189	71.0						
95	32.0	164	69.5	38.1	172	70.7	51.1	185	66.4						
100	25.4	154	57.8	32.7	164	66.3	47.1	180	62.4						
105				26.3	155	59.1	42.7	175	58.8	57.0	184	54.2			
110				20.2	146	33.0	37.9	169	55.5	53.2	180	51.1			
115							32.5	161	52.5	49.3	176	48.4			
120							26.1	152	49.8	45.1	171	45.9			
125										40.6	166	43.6			
130										35.6	159	41.5			
135										29.8	151	39.6			
140										22.6	140	37.8			
159													37.0	140	26.9
160													37.0	140	26.7
165													32.2	133	25.8
170													25.7	123	24.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	114.6												
48				75.0	216	114.3									
50	70.6	214	112.3	73.9	215	114.3									
55	67.7	212	109.1	71.0	213	113.1									
60	64.7	209	105.0	68.1	211	109.7									
65	61.6	207	102.1	65.1	209	105.9									
70	58.4	204	97.7	62.0	207	102.7									
75	55.1	200	91.2	58.8	204	94.2									
77							67.0	208	86.1						
80	51.6	196	89.0	55.5	200	87.0	65.0	206	81.7						
85	48.0	192	82.6	52.1	196	80.7	61.9	204	75.8						
90	44.1	187	77.0	48.5	192	75.3	58.7	201	70.6						
95	40.0	181	71.7	44.6	187	70.4	55.4	197	66.1						
100	35.4	174	66.7	40.5	181	66.1	52.0	193	62.1						
105	30.2	166	60.0	36.0	175	62.3	48.3	189	58.4						
110	23.9	156	53.7	30.9	167	58.8	44.5	184	55.2						
110										57.0	192	50.5			
115				24.8	157	55.1	40.4	178	52.2	53.9	189	48.0			
120				18.8	147	33.0	35.8	172	49.5	50.3	185	45.5			
125							30.7	164	47.1	46.6	180	43.3			
130							24.5	154	44.8	42.7	175	41.2			
135										38.4	169	39.3			
140										33.6	162	37.5			
145										28.1	153	35.8			
150										21.2	141	34.3			
167													37.0	145	24.6
170													35.5	143	24.3
175													30.3	135	23.4
180													24.1	125	22.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	100.3												
51				75.0	225	100.8									
55	69.7	222	98.3	72.7	224	100.7									
60	67.0	220	94.5	70.0	222	98.7									
65	64.2	218	91.7	67.3	220	95.3									
70	61.4	215	89.6	64.6	218	92.3									
75	58.5	212	86.3	61.8	215	90.2									
80	55.5	209	83.5	58.9	212	86.7									
81							67.0	217	80.7						
85	52.3	205	81.3	55.9	209	80.5	64.5	215	75.4						
90	49.1	201	76.8	52.8	205	75.0	61.7	212	70.3						
95	45.6	196	71.8	49.5	201	70.2	58.8	209	65.7						
100	41.9	191	67.1	46.1	196	65.9	55.8	206	61.7						
105	38.0	184	60.9	42.4	191	62.0	52.6	202	58.1						
110	33.6	177	58.7	38.5	185	58.6	49.4	198	54.8						
115	28.6	168	53.2	34.2	178	55.4	45.9	193	51.9						
116										57.0	201	47.2			
120	22.6	157	47.6	29.3	169	52.6	42.3	188	49.2	54.4	198	45.1			
125				23.4	159	49.8	38.3	182	46.8	51.2	194	42.9			
130				17.7	148	33.0	34.0	174	44.5	47.8	189	40.8			
135							29.1	166	42.5	44.3	184	38.9			
140							23.2	155	40.5	40.5	179	37.1			
145										36.4	172	35.5			
150										31.9	164	34.0			
155										27.9	157	32.6			
160										21.7	146	31.2			
175													37.0	151	22.7
180													33.7	146	22.1
185													28.8	137	21.2
190													22.8	126	20.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	89.3									
55	71.4	233	88.1	74.1	234	89.3									
60	68.9	231	86.3	71.7	233	88.9									
65	66.4	229	83.9	69.2	231	86.6									
70	63.9	226	81.9	66.7	229	84.5									
75	61.2	224	80.3	64.2	226	82.4									
80	58.6	221	78.0	61.6	224	80.8									
84							67.0	226	75.9						
85	55.8	217	76.1	58.9	221	78.7	66.7	226	75.1						
90	52.9	214	74.4	56.2	217	74.8	64.1	223	70.0						
95	50.0	209	71.7	53.3	214	70.0	61.5	221	65.5						
100	46.8	205	67.3	50.3	209	65.7	58.8	218	61.5						
105	43.5	200	59.8	47.2	205	61.9	56.1	214	57.9						
110	40.0	194	57.5	44.0	200	58.4	53.2	211	54.6						
115	36.2	187	55.6	40.5	194	55.3	50.2	206	51.7						
120	32.0	180	51.9	36.7	188	52.4	47.1	202	49.0						
121										57.0	209	44.4			
125	27.2	171	47.2	32.6	180	49.8	43.9	197	46.6	54.8	206	42.6			
130	21.4	159	42.5	27.9	171	47.4	40.4	191	44.3	51.9	202	40.5			
135				22.2	160	44.4	36.6	185	42.3	48.9	198	38.6			
140							32.4	177	40.4	45.7	193	36.9			
145							27.7	168	38.6	42.3	188	35.3			
150							22.0	157	36.9	38.7	182	33.7			
155										35.7	177	32.4			
160										31.4	169	31.1			
165										26.5	159	29.8			
170										20.5	147	28.6			
183													37.0	157	21.1
185													36.3	156	21.0
190													32.2	149	20.2
195													27.4	139	19.4
200													21.6	128	18.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	76.3	73.1	243	77.8									
65	68.2	240	74.7	70.8	241	76.8									
70	65.9	237	72.8	68.5	239	75.1									
75	63.5	235	71.2	66.2	237	73.3									
80	61.1	232	69.9	63.8	235	71.6									
85	58.6	229	68.1	61.4	232	70.4									
88															
90	56.1	226	66.5	59.0	229	68.7	67.0	235	70.7						
95	53.4	222	63.6	56.4	226	67.2	66.1	234	69.6						
100	50.7	218	63.1	53.8	222	64.5	63.8	232	65.1						
105	47.9	214	60.0	51.1	218	61.6	61.3	229	61.1						
110	44.9	209	56.7	48.2	214	58.1	58.9	226	57.5						
115	41.7	203	53.7	45.3	209	55.0	56.3	223	54.3						
120	38.3	197	51.0	42.1	203	52.2	53.7	219	51.3						
125	34.7	190	48.6	38.8	197	49.6	51.0	215	48.7						
126							48.1	211	46.3						
130	30.6	182	44.9	35.2	191	47.2	57.0	217	41.6						
135	26.0	172	41.2	31.2	183	45.0	55.1	215	40.1						
140	20.4	160	37.4	26.6	173	43.0	42.0	200	42.0	52.5	211	38.2			
145				21.2	161	39.5	38.7	194	40.1	49.7	207	36.5			
150							35.0	187	38.3	46.8	202	34.9			
155							31.0	179	36.7	43.7	197	33.4			
160							26.4	170	35.1	41.3	193	32.0			
165							20.9	158	33.7	37.9	186	30.7			
170										34.2	179	29.5			
175										30.1	171	28.3			
180										25.3	161	27.2			
191										19.5	148	26.2			
195													37.0	163	19.5
200													34.8	159	19.1
205													30.8	151	18.3
210													26.1	141	17.7
210													20.6	129	17.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	68.3									
70	67.7	248	64.4	70.1	250	67.0									
75	65.5	246	62.9	67.9	248	65.8									
80	63.3	243	61.7	65.8	246	63.3									
85	61.0	241	60.6	63.6	243	62.0									
90	58.7	238	59.2	61.3	240	61.0									
92							67.0	244	61.3						
95	56.3	234	57.9	59.0	237	59.7	65.7	243	61.2						
100	53.9	231	56.8	56.6	234	58.5	63.5	240	60.7						
105	51.3	227	55.8	54.2	231	57.5	61.2	237	57.1						
110	48.7	222	53.8	51.7	227	56.7	58.9	235	53.9						
115	46.0	218	51.2	49.1	223	54.7	56.5	231	51.0						
120	43.1	212	48.8	46.3	218	51.9	54.1	228	48.3						
125	40.1	207	46.7	43.5	213	49.3	51.6	224	45.9						
130	36.8	200	44.7	40.5	207	46.9	49.0	219	43.7						
132										57.0	225	39.0			
135	33.3	193	42.4	37.2	201	44.7	46.2	215	41.6	55.4	223	37.8			
140	29.4	184	39.5	33.8	193	42.7	43.4	210	39.7	53.0	219	36.1			
145	24.9	174	36.5	29.9	185	40.8	40.4	204	38.0	50.4	215	34.5			
150	19.4	161	33.4	25.5	175	39.0	37.1	197	36.3	48.4	212	33.0			
155				20.2	163	35.6	33.6	190	34.8	45.6	207	31.6			
160							29.8	182	33.4	42.7	202	30.3			
165							26.4	174	30.9	39.7	196	29.1			
170							21.4	163	30.2	36.4	189	28.0			
175										32.8	182	26.9			
180										28.8	173	25.8			
185										24.3	163	24.9			
190										18.6	150	23.9			
199													37.0	169	17.9
200													36.9	169	17.9
205													33.4	162	17.3
210													29.5	153	16.6
215													25.0	143	16.0
220													19.6	130	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	56.3	69.4	258	57.4									
80	65.1	254	55.4	67.4	256	56.8									
85	63.0	252	54.7	65.4	254	55.8									
90	60.9	249	54.0	63.3	252	55.0									
95	58.7	246	53.0	61.2	249	54.4									
96							67.0	253	54.0						
100	56.5	243	52.1	59.0	246	53.4	65.3	251	54.0						
105	54.2	239	51.4	56.8	243	52.6	63.2	249	53.8						
110	51.9	235	50.7	54.5	239	51.8	61.1	246	53.1						
115	49.5	231	49.6	52.2	235	51.2	58.9	243	50.7						
120	46.9	227	47.7	49.8	231	50.2	56.7	240	48.1						
125	44.3	222	45.9	47.3	227	48.6	54.5	236	45.6						
130	41.5	216	44.2	44.6	222	46.7	52.1	232	43.4						
135	38.6	210	42.7	41.9	216	44.5	49.7	228	41.4						
137										57.0	234	36.8			
140	35.4	203	41.4	39.0	210	42.5	47.2	224	39.5	55.7	232	35.8			
145	32.0	195	38.9	35.9	203	40.6	44.6	219	37.7	53.4	228	34.2			
150	28.2	186	36.1	32.5	196	38.9	41.8	213	36.1	51.6	225	32.8			
155	23.9	176	33.3	28.8	187	37.3	38.9	207	34.6	49.1	221	31.4			
160	19.9	166	23.3	24.5	177	35.1	35.8	200	33.2	46.6	216	30.1			
165				20.6	167	25.4	33.2	195	31.9	44.0	211	28.9			
170							29.5	186	30.6	41.2	205	27.7			
175							25.4	176	29.5	38.2	199	26.6			
180							20.5	164	28.3	35.0	192	25.6			
185										31.6	184	24.6			
190										27.7	175	23.7			
195										23.3	165	22.9			
200										17.8	151	22.0			
207													37.0	175	16.7
210													35.6	172	16.4
215													32.2	164	15.8
220													28.4	155	15.2
225													24.0	145	14.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	50.7									
85	64.8	263	49.4	66.9	265	50.3									
90	62.8	260	49.0	65.0	263	49.8									
95	60.8	258	48.6	63.1	260	49.4									
100							67.0	262	48.0						
100	58.8	255	47.9	61.1	257	49.0	66.9	262	48.0						
105	56.7	251	47.4	59.0	254	48.3	65.0	260	48.0						
110	54.6	248	46.9	57.0	251	47.7	63.0	257	47.8						
115	52.4	244	46.4	54.8	248	47.2	61.0	254	47.5						
120	50.1	240	45.9	52.7	244	46.7	59.0	251	47.2						
125	47.8	235	44.5	50.4	240	46.1	56.9	248	45.3						
130	45.3	231	43.2	48.1	235	44.9	54.8	245	43.1						
135	42.8	225	42.0	45.6	231	43.8	52.6	241	41.0						
140	40.1	219	40.8	43.1	225	42.2	50.3	237	39.1						
143										57.0	242	34.6			
145	37.3	213	39.8	40.5	220	40.4	48.0	232	37.4	55.9	240	33.8			
150	34.2	206	38.6	37.6	213	38.6	45.6	228	35.8	54.3	237	32.4			
155	30.9	198	35.9	34.6	206	37.0	43.0	222	34.3	52.1	234	31.0			
160	27.2	189	33.3	31.3	198	35.5	41.0	218	32.9	49.8	229	29.7			
165	24.0	180	22.6	27.7	189	34.1	38.2	212	31.6	47.5	225	28.5			
170	19.1	167	21.8	24.6	181	25.3	35.2	205	30.3	45.0	220	27.3			
175				19.8	168	23.9	32.0	197	29.2	42.5	215	26.3			
180							28.5	188	28.1	39.8	209	25.3			
185							24.4	178	27.0	36.9	202	24.3			
190							19.6	165	26.0	33.8	195	23.4			
195										30.5	187	22.5			
200										26.7	177	21.7			
205										22.4	166	20.9			
214													37.0	181	15.4
215													37.0	181	15.3
220													34.3	175	14.8
225													31.0	167	14.3
230													27.3	157	13.7
235													23.1	146	13.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	43.3									
95	62.6	269	42.1	64.7	271	42.9									
100	60.7	266	41.6	62.9	269	42.5									
104							67.0	271	41.7						
105	58.8	263	41.1	61.0	266	42.1	66.5	271	41.7						
110	56.9	260	40.5	59.1	263	41.4	64.7	268	41.6						
115	54.9	256	40.0	57.1	260	40.9	62.8	266	41.4						
120	52.8	253	39.6	55.1	256	40.4	60.9	263	41.0						
125	50.7	249	39.3	53.1	253	39.9	59.0	260	40.6						
130	48.5	244	38.5	51.0	249	39.5	57.0	257	40.2						
135	46.2	239	37.6	48.8	244	38.8	55.0	253	39.8						
140	43.9	234	36.9	46.5	240	38.1	53.0	250	38.8						
145	41.4	229	36.1	44.2	234	37.5	50.9	246	37.0						
148										57.0	250	32.2			
150	38.8	223	35.5	41.7	229	36.8	48.7	241	35.4	56.6	250	32.0			
155	36.0	216	34.8	39.1	223	36.3	46.4	237	33.9	54.6	246	30.6			
160	33.1	209	33.4	36.4	216	35.2	44.6	233	32.2	52.5	242	29.3			
165	30.6	202	33.0	33.5	209	33.8	42.2	227	31.3	50.4	238	28.1			
170	27.2	193	31.8	31.1	203	32.0	39.7	221	30.0	48.2	234	26.9			
175	23.2	182	29.7	27.6	194	29.6	37.0	215	28.8	45.9	229	25.9			
180	18.4	168	26.6	23.7	183	26.6	34.1	208	27.7	43.6	224	24.9			
185				19.1	170	23.6	31.0	200	26.7	41.1	218	23.9			
190							27.5	190	25.7	38.5	212	23.0			
195							23.6	180	24.8	35.7	205	22.2			
200							18.9	166	23.9	32.7	198	21.4			
205										29.4	189	20.6			
210										25.8	179	19.8			
215										21.6	167	19.1			
222													37.0	187	14.0
225													36.1	185	13.8
230													33.2	177	13.3
235													30.0	169	12.8
240													26.4	159	12.4
245													22.3	148	11.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	37.2									
105	60.7	275	36.0	62.7	277	36.9									
107							67.0	280	36.5						
110	58.9	272	35.4	60.9	274	36.4	66.1	279	36.5						
115	57.0	268	34.9	59.1	271	35.8	64.4	277	36.5						
120	55.1	265	34.5	57.2	268	35.3	62.6	274	36.2						
125	53.2	261	34.1	55.4	265	34.8	60.8	271	35.7						
130	51.2	257	33.8	53.4	261	34.4	59.0	268	35.3						
135	49.1	253	33.3	51.4	257	34.0	57.2	265	34.8						
140	47.5	249	29.0	49.4	253	33.7	55.3	262	34.3						
145	45.3	245	27.9	47.3	248	33.3	53.4	258	33.9						
150	43.1	239	27.0	45.6	245	29.3	51.4	254	33.6						
153										57.0	258	30.5			
155	40.7	234	26.0	43.4	239	28.8	49.3	250	33.3	56.8	258	30.3			
160	38.2	227	25.2	41.0	234	28.2	47.7	246	30.6	54.9	255	29.0			
165	35.6	221	24.4	38.5	228	27.8	45.5	242	30.1	52.9	251	27.8			
170	32.7	213	23.1	35.9	221	27.3	43.3	236	29.6	50.9	247	26.7			
175	29.7	205	21.8	33.1	213	25.9	40.9	231	28.6	48.9	242	25.6			
180	26.3	195	20.4	30.1	205	24.3	38.4	225	27.5	46.7	238	24.6			
185	22.4	183	19.1	26.7	196	22.8	35.8	218	26.5	44.5	233	23.7			
190	17.7	169	17.7	22.9	184	21.2	33.0	210	25.5	42.2	227	22.8			
195				18.4	171	19.6	30.0	202	24.5	39.8	222	21.9			
200							26.6	192	23.7	37.3	215	21.1			
205							22.8	181	22.8	34.6	208	20.3			
210										31.7	200	19.6			
215										28.5	191	18.9			
220										24.9	181	18.2			
225										20.8	169	17.6			
230													37.0	193	12.9
235													35.0	188	12.6
240													32.2	180	12.1
245													29.0	171	11.6
250													25.5	161	11.2
255													21.5	149	10.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	29.1						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	29.1						
120	57.5	278	27.7	59.5	281	28.3	64.5	286	29.1						
125	55.8	274	27.3	57.8	277	27.9	62.9	283	28.8						
130	53.9	271	26.9	56.0	274	27.5	61.2	281	28.6						
135	52.1	267	26.6	54.2	271	27.2	59.5	278	28.4						
140	50.1	263	26.3	52.3	267	26.9	57.7	274	28.1						
145	48.2	258	25.6	50.4	263	26.6	55.9	271	27.7						
150	46.1	253	25.0	48.4	258	26.1	54.1	268	27.3						
155	44.0	248	24.4	46.4	254	25.8	52.2	264	27.0						
159										57.0	267	25.8			
160	41.8	243	23.9	44.3	249	25.4	50.3	260	26.8	56.9	267	25.8			
165	39.5	237	23.3	42.1	243	25.0	48.4	255	26.4	55.1	263	25.8			
170	37.1	230	22.9	39.8	237	24.7	46.3	251	26.1	53.3	259	25.7			
175	34.5	223	22.3	37.4	231	24.4	44.2	245	25.8	51.4	255	25.2			
180	31.8	216	21.0	34.9	224	23.9	42.0	240	25.4	49.4	251	24.2			
185	28.8	207	19.8	32.1	216	22.8	39.7	234	25.2	47.4	247	23.3			
190	25.5	197	18.5	29.2	207	21.7	37.3	228	24.9	45.4	242	22.4			
195	21.7	185	17.2	25.9	198	20.6	34.8	221	24.2	43.2	237	21.5			
200	17.0	170	15.9	22.2	186	19.5	32.0	213	23.3	41.0	231	20.7			
205				17.7	172	18.4	29.1	204	22.3	38.7	225	20.0			
210							25.8	194	21.2	36.2	218	19.2			
215							22.0	183	20.2	33.6	211	18.5			
220										30.7	203	17.9			
225										27.6	193	17.2			
230										24.2	183	16.6			
235										20.1	170	16.0			
238													37.0	199	11.8
240													36.6	198	11.7
245													34.0	190	11.2
250													31.2	182	10.8
255													28.1	173	10.4
260													24.7	163	10.0
265													20.8	151	9.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

104

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
115							67.0	298	25.2						
120	59.3	289	24.4	61.1	292	25.1	65.8	297	25.2						
125	57.6	286	24.1	59.5	289	24.7	64.3	294	25.2						
130	55.9	283	23.8	57.9	286	24.4	62.7	292	24.8						
135	54.2	279	23.5	56.2	283	24.1	61.1	289	24.6						
140	52.4	275	23.2	54.4	279	23.8	59.5	286	24.5						
145	50.6	271	23.0	52.7	275	23.5	57.8	283	24.3						
150	48.8	267	22.7	50.9	271	23.3	56.1	280	23.9						
155	46.8	262	22.4	49.0	267	23.0	54.4	276	23.7						
160	44.9	257	22.1	47.1	262	22.8	52.6	272	23.4						
164										57.0	275	24.2			
165	42.8	252	21.9	45.1	257	22.6	50.8	268	23.2	57.0	275	21.9			
170	40.7	246	21.6	43.1	252	22.3	48.9	264	23.0	55.3	272	21.9			
175	38.4	240	21.4	40.9	247	22.1	47.0	259	22.8	53.6	268	21.8			
180	36.1	233	21.2	38.7	240	21.9	45.1	254	22.6	51.8	264	21.6			
185	33.6	226	20.5	36.4	234	21.8	43.0	249	22.4	50.0	260	21.6			
190	30.9	218	19.3	33.9	227	21.2	40.9	243	22.2	48.1	255	21.5			
195	27.9	209	18.1	31.2	218	20.5	38.6	237	22.0	46.1	251	21.1			
200	24.7	198	16.9	28.3	210	19.7	36.3	231	21.9	44.1	246	20.4			
205	21.0	186	15.7	25.1	199	19.0	33.8	223	21.2	42.0	240	19.6			
210				21.5	187	18.2	31.1	215	20.3	39.9	234	18.9			
215				17.1	173	17.5	28.2	206	19.5	37.6	228	18.2			
220							25.0	196	18.7	35.2	221	17.5			
225							21.4	184	17.8	32.6	213	16.9			
230										29.9	205	16.3			
235										26.8	195	15.7			
240										23.4	184	15.2			
245										19.5	171	14.6			
246													37.0	205	10.6
250													35.6	201	10.4
255													33.0	193	10.0
260														185	9.6
265														175	9.2
270														165	8.8
275														152	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>66 ft luffing jib</b> <b>114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	158.8												
39				75.0	187	158.8									
40	68.4	185	158.8	74.1	187	158.8									
45	63.5	183	158.8	69.5	185	158.8									
50	58.4	180	152.9	64.7	183	158.3									
55	53.0	176	143.1	59.6	180	139.8									
60	47.2	172	122.7	54.3	177	125.1									
64							67.0	181	108.5						
65	40.7	166	113.2	48.6	172	113.1	65.8	180	106.0						
70	33.0	159	103.5	42.2	167	103.1	60.8	178	96.6						
75	23.2	149	83.1	34.9	160	94.6	55.6	174	88.7						
80				25.8	151	86.8	50.0	170	81.9						
85							43.8	165	76.1						
90							36.8	159	70.9						
93										57.0	168	62.5			
95										54.9	167	60.9			
100							28.2	151	66.3	49.2	163	57.2			
105										42.9	158	53.9			
110										35.8	151	50.9			
115										26.9	142	48.1			
143													37.0	129	30.4
145													35.4	127	30.1
150													26.4	118	28.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	158.8												
40	71.3	196	158.7												
42				75.0	197	158.8									
45	67.2	194	156.9	72.3	196	158.8									
50	63.0	192	151.5	68.2	194	158.0									
55	58.6	189	142.3	64.0	192	139.6									
60	53.9	185	126.8	59.6	189	124.9									
65	49.0	181	115.6	55.0	185	112.9									
68							67.0	190	100.5						
70	43.5	176	105.4	50.1	181	102.9	65.0	189	96.3						
75	37.5	169	95.2	44.8	176	94.5	60.7	186	88.4						
80	30.4	162	87.3	39.0	170	87.2	56.1	183	81.6						
85	21.1	150	74.2	32.2	163	80.9	51.3	179	75.8						
90				23.6	153	75.4	46.1	174	70.6						
95							40.4	169	66.1						
98										57.0	177	57.9			
100							33.9	162	62.1	55.5	175	56.8			
105							25.8	152	58.4	50.7	171	53.5			
110										45.4	167	50.5			
115										39.6	161	47.8			
120										32.9	154	45.3			
125										24.6	144	43.1			
151													37.0	135	28.0
155													32.6	130	27.2
160													24.1	120	26.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	141.8												
44				75.0	206	141.5									
45	70.0	205	139.8	74.4	206	141.5									
50	66.4	203	136.5	70.8	205	140.9									
55	62.6	200	132.9	67.2	202	138.5									
60	58.7	197	123.0	63.5	200	124.6									
65	54.6	194	115.5	59.6	197	112.7									
70	50.3	189	105.2	55.6	194	102.7									
72							67.0	199	93.4						
75	45.6	185	91.8	51.3	190	94.3	64.4	197	88.0						
80	40.6	179	87.0	46.7	185	87.1	60.5	195	81.3						
85	34.9	172	82.8	41.8	180	80.8	56.5	191	75.4						
90	28.2	164	73.2	36.3	173	75.3	52.3	188	70.3						
95	19.4	152	59.6	29.9	165	70.4	47.8	183	65.8						
100				21.8	154	66.1	43.0	178	61.8						
104										57.0	185	53.9			
105							37.7	172	58.2	56.0	184	53.1			
110							31.5	164	54.9	51.8	180	50.1			
115							23.9	154	52.0	47.2	176	47.5			
120										42.3	170	45.0			
125										36.9	164	42.8			
130										30.6	156	40.7			
135										22.7	145	38.8			
159													37.0	141	25.7
160													36.6	140	25.7
165													30.3	132	24.6
170													22.3	121	23.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom                      95 ft luffing jib                      114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	125.3												
47				75.0	216	125.7									
50	69.0	213	123.4	72.9	215	125.6									
55	65.7	211	119.4	69.7	213	124.0									
60	62.3	208	116.2	66.4	211	120.9									
65	58.8	205	111.0	63.1	208	112.5									
70	55.1	202	105.1	59.6	206	102.5									
75	51.3	198	96.5	56.0	202	94.1									
75							67.0	208	87.3						
80	47.2	194	89.1	52.2	199	86.9	63.9	206	81.0						
85	42.9	188	82.7	48.2	194	80.7	60.4	203	75.2						
90	38.1	182	77.1	43.9	189	75.2	56.8	200	70.1						
95	32.8	175	71.9	39.3	183	70.4	53.1	196	65.6						
100	26.4	166	59.0	34.1	176	66.1	49.2	192	61.6						
105				28.0	167	60.6	45.0	187	58.0						
109										57.0	193	50.4			
110				20.2	156	56.6	40.4	182	54.8	56.4	192	49.9			
115							35.4	175	51.9	52.6	189	47.2			
120							29.5	167	49.2	48.6	184	44.8			
125							22.3	156	46.7	44.4	179	42.6			
130										39.8	174	40.5			
135										34.6	167	38.6			
140										28.7	158	36.9			
145										21.2	147	35.2			
166													37.0	146	23.9
170													34.4	143	23.4
175													28.4	134	22.5
180													20.7	123	21.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.9												
49				75.0	226	110.4									
50	71.0	224	109.4	74.6	225	110.4									
55	68.1	222	107.0	71.7	224	110.2									
60	65.1	220	103.1	68.8	222	107.5									
65	62.0	217	100.3	65.8	220	104.3									
70	58.8	214	94.4	62.7	217	101.3									
75	55.5	211	91.3	59.6	214	93.9									
79							67.0	217	81.7						
80	52.1	207	88.8	56.3	211	86.7	66.5	217	80.6						
85	48.5	202	82.5	52.9	207	80.4	63.5	214	74.8						
90	44.7	198	76.9	49.4	203	75.0	60.3	212	69.8						
95	40.5	192	72.0	45.6	198	70.2	57.1	208	65.3						
100	36.0	185	67.6	41.5	193	65.9	53.7	205	61.3						
105	30.9	177	59.0	37.1	186	62.0	50.2	201	57.7						
110	24.8	167	53.6	32.2	179	58.6	46.5	196	54.5						
115										57.0	201	47.1			
115				26.4	169	55.4	42.5	191	51.6	56.7	201	46.8			
120				18.9	157	51.0	38.2	185	48.9	53.3	197	44.4			
125							33.4	177	46.5	49.7	193	42.2			
130							27.8	169	44.2	46.0	188	40.2			
135							20.9	157	42.2	42.0	183	38.3			
140										37.6	177	36.5			
145										32.7	169	34.9			
150										27.0	160	33.4			
155										21.7	151	32.1			
174													37.0	152	22.2
175													37.0	152	22.0
180													32.5	145	21.2
185													26.7	136	20.4
190													19.4	124	19.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	98.7												
52				75.0	235	98.8									
55	70.1	232	97.2	73.3	234	98.7									
60	67.4	230	93.9	70.7	230	97.8									
65	64.6	228	91.1	68.0	230	94.8									
70	61.8	225	89.1	65.3	228	92.1									
75	58.9	222	86.2	62.5	225	89.9									
80	55.9	219	83.6	59.6	223	86.4									
83							67.0	226	76.7						
85	52.8	215	81.4	56.6	219	80.1	65.9	225	74.4						
90	49.5	211	76.7	53.5	216	74.7	63.1	223	69.4						
95	46.1	206	71.8	50.3	212	69.9	60.3	220	64.9						
100	42.5	201	67.4	46.9	207	65.6	57.3	217	60.9						
105	38.5	195	59.3	43.3	202	61.8	54.2	213	57.3						
110	34.2	188	57.4	39.5	196	58.3	51.1	209	54.1						
115	29.3	180	52.8	35.2	189	55.2	47.7	205	51.2						
120										57.0	210	44.0			
120	23.5	169	48.1	30.5	181	52.4	44.2	200	48.6	56.9	209	44.0			
125				24.9	171	49.7	40.4	194	46.2	53.8	206	41.8			
130				17.7	158	46.2	36.3	188	44.0	50.6	202	39.7			
135							31.7	180	41.9	47.3	197	37.9			
140							26.4	171	40.0	43.7	192	36.2			
145							21.4	161	33.0	39.9	186	34.6			
150										35.7	180	33.1			
155										32.2	174	31.7			
160										26.9	165	30.4			
165										20.5	153	29.2			
182													37.0	158	20.3
185													35.5	156	20.0
190													30.8	148	19.2
195													25.3	138	18.5
200													18.2	125	17.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	86.6									
55	71.7	243	86.0	74.7	244	86.6									
60	69.3	241	84.7	72.3	243	86.5									
65	66.8	239	82.5	69.8	241	85.1									
70	64.2	237	80.5	67.3	239	83.4									
75	61.6	234	79.1	64.8	237	81.2									
80	58.9	231	77.0	62.2	234	79.6									
85	56.2	228	75.1	59.6	231	77.9									
87							67.0	235	72.2						
90	53.3	224	73.5	56.8	228	74.5	65.4	234	69.1						
95	50.4	220	71.6	54.0	224	69.7	62.8	231	64.6						
100	47.3	215	67.2	51.1	220	65.4	60.2	229	60.7						
105	44.0	210	58.8	48.0	216	61.6	57.5	225	57.1						
110	40.5	205	55.9	44.8	211	58.2	54.7	222	53.9						
115	36.8	198	53.4	41.3	205	55.1	51.8	218	51.0						
120	32.6	191	50.3	37.7	199	52.2	48.7	214	48.4						
125	27.9	182	46.4	33.6	192	49.6	45.5	209	46.0						
125										57.0	218	41.4			
130	22.3	171	42.5	29.1	183	47.2	42.2	204	43.8	54.3	214	39.5			
135				23.7	173	45.0	38.5	198	41.7	51.4	211	37.6			
140				18.6	162	30.3	34.6	191	39.8	48.3	206	35.9			
145							30.2	182	38.1	45.1	201	34.3			
150							25.1	172	36.4	42.5	197	32.9			
155							20.3	163	32.8	38.9	191	31.5			
160										35.0	184	30.2			
165										30.7	176	29.0			
170										25.6	166	27.9			
175										19.4	154	26.8			
190													37.0	164	18.8
195													33.9	159	18.3
200													29.3	150	17.6
205													24.0	140	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.8	73.6	253	76.7									
65	68.6	250	74.4	71.4	251	76.3									
70	66.2	247	72.6	69.1	250	74.8									
75	63.9	245	71.0	66.8	247	73.2									
80	61.5	242	69.9	64.4	245	71.6									
85	59.0	239	68.1	62.0	242	70.3									
90	56.4	236	66.5	59.6	240	68.8									
91							67.0	244	68.0						
95	53.8	233	62.5	57.0	236	67.4	65.0	242	64.2						
100	51.1	229	61.8	54.4	233	64.0	62.6	240	60.3						
105	48.3	224	59.0	51.7	229	61.3	60.1	237	56.7						
110	45.3	219	55.6	48.9	225	57.9	57.6	234	53.5						
115	42.1	214	52.5	46.0	220	54.8	55.0	231	50.7						
120	38.8	208	49.7	42.9	215	52.0	52.4	227	48.0						
125	35.2	201	47.2	39.6	209	49.4	49.6	223	45.6						
130	31.2	193	44.2	36.1	202	47.0	46.7	218	43.4						
131										57.0	226	38.8			
135	26.7	184	41.1	32.2	194	44.8	43.6	213	41.4	54.7	223	37.2			
140	21.2	172	38.0	27.8	185	42.8	40.4	207	39.5	52.0	219	35.5			
145				22.6	174	40.8	36.9	201	37.8	49.2	215	33.9			
150				17.6	163	27.4	33.1	193	36.2	47.0	211	32.5			
155							28.9	185	34.6	44.0	206	31.1			
160							23.9	174	33.2	40.7	201	29.9			
165							19.3	164	31.6	37.3	194	28.7			
170										33.5	187	27.5			
175										29.3	178	26.5			
180										24.5	168	25.4			
185										18.4	155	24.5			
198													37.0	170	17.3
200													36.3	169	17.2
205													32.4	161	16.5
210													28.0	152	15.9
215													22.9	141	15.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	66.9									
70	68.0	258	63.1	70.6	260	65.9									
75	65.8	256	61.7	68.5	258	63.1									
80	63.6	254	60.5	66.3	256	61.7									
85	61.3	251	59.6	64.1	254	60.5									
90	59.0	248	58.2	61.8	251	59.5									
95							67.0	254	60.0						
95	56.6	245	57.0	59.5	248	58.3	66.8	253	60.0						
100	54.2	241	55.9	57.2	245	57.2	64.6	251	59.9						
105	51.7	237	55.0	54.8	241	56.2	62.4	248	56.3						
110	49.1	233	53.2	52.3	238	55.3	60.1	246	53.2						
115	46.4	228	50.3	49.7	233	54.1	57.8	242	50.3						
120	43.5	223	47.7	47.0	229	51.7	55.4	239	47.7						
125	40.5	217	45.2	44.2	224	49.1	52.9	235	45.3						
130	37.3	211	43.1	41.2	218	46.7	50.3	231	43.1						
135	33.8	204	41.0	38.0	212	44.5	47.6	227	41.0						
136										57.0	234	36.5			
140	29.9	195	38.5	34.6	205	42.5	44.9	222	39.2	55.0	232	35.1			
145	25.5	186	36.1	30.9	197	40.6	41.9	216	37.4	52.5	228	33.5			
150	20.3	173	33.7	26.6	187	38.9	38.8	210	35.8	50.6	225	32.1			
155				21.6	176	36.4	35.4	203	34.3	47.9	220	30.7			
160				16.7	164	24.3	32.7	198	31.6	45.2	215	29.5			
165							28.7	189	30.4	42.2	210	28.3			
170							24.1	178	29.3	39.1	204	27.2			
175							18.4	165	28.1	35.8	197	26.1			
180										32.2	190	25.1			
185										28.1	181	24.1			
190										23.4	170	23.2			
206													37.0	176	15.9
210													34.8	172	15.5
215													31.1	164	14.9
220													26.9	154	14.4
225													21.9	143	13.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.9	69.9	269	56.8									
80	65.4	265	55.0	67.9	267	56.2									
85	63.3	262	54.2	65.9	264	55.3									
90	61.2	259	53.5	63.8	262	54.4									
95	59.0	256	52.5	61.7	259	53.8									
98							67.0	263	53.5						
100	56.8	253	51.6	59.5	256	52.9	66.3	262	53.5						
105	54.6	250	50.8	57.3	253	52.1	64.3	260	53.5						
110	52.2	246	50.1	55.1	250	51.3	62.2	257	52.9						
115	49.8	242	49.1	52.8	246	50.7	60.1	254	50.0						
120	47.3	237	47.2	50.4	242	49.9	57.9	251	47.4						
125	44.7	232	45.4	47.9	238	48.5	55.6	248	45.0						
130	41.9	227	43.7	45.3	233	46.5	53.3	244	42.8						
135	39.0	221	42.2	42.6	227	44.3	50.9	240	40.8						
140	35.9	214	40.8	39.7	221	42.3	48.5	236	38.9						
141										57.0	243	34.4			
145	32.5	206	38.7	36.6	215	40.5	45.9	231	37.2	55.3	240	33.2			
150	28.8	198	36.2	33.3	208	38.7	43.2	226	35.6	53.6	237	31.8			
155	24.5	187	33.7	29.7	199	37.1	40.4	220	34.1	51.2	233	30.5			
160	20.7	178	21.4	25.6	189	35.6	38.1	215	32.5	48.7	229	29.2			
165				20.7	177	33.1	34.9	208	31.4	46.2	224	28.0			
170				15.9	165	22.6	31.4	200	30.2	43.5	219	26.9			
175							27.6	191	29.0	40.7	213	25.8			
180							23.1	180	27.8	37.7	207	24.9			
185										34.5	200	23.9			
190										31.0	192	23.0			
195										27.0	183	22.2			
200										22.4	171	21.4			
214													37.0	182	14.7
215													36.8	182	14.7
220													33.5	174	14.1
225													29.9	166	13.6
230													25.8	156	13.1
235													21.0	144	12.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	49.7									
85	65.0	273	48.4	67.4	275	49.4									
90	63.1	271	47.9	65.5	273	48.9									
95	61.1	268	47.5	63.5	271	48.5									
100	59.1	265	46.8	61.6	268	48.2									
102							67.0	272	47.1						
105							65.9	270	47.1						
110	57.0	262	46.1	59.5	265	47.5	64.0	268	47.1						
110	54.9	258	45.6	57.5	262	46.9	62.0	265	46.8						
115	52.7	254	45.1	55.4	258	46.4	60.0	263	46.4						
120	50.4	250	44.6	53.2	255	46.0	58.0	259	44.6						
125	48.1	246	43.6	50.9	251	45.5	55.9	256	42.4						
130	45.7	241	42.5	48.6	246	44.5	53.7	252	40.4						
135	43.1	236	41.5	46.2	242	43.6	51.5	249	38.6						
140	40.5	230	40.6	43.7	236	42.0	49.2	244	36.8						
145	37.7	224	39.8	41.1	231	40.2				57.0	251	32.0			
147										56.1	249	31.4			
150	34.6	217	39.0	38.3	225	38.4	44.3	235	33.8	53.9	246	30.1			
155	31.4	209	36.5	35.4	218	36.8	42.4	230	32.4	51.7	242	28.8			
160	27.7	200	33.8	32.2	210	35.3	39.6	225	31.1	49.4	238	27.6			
165	24.6	192	20.3	28.6	201	33.9	36.8	218	29.9	47.1	233	26.5			
170	19.9	179	19.7	25.6	194	22.9	33.7	211	28.7	44.6	228	25.5			
175				21.1	182	22.0	30.3	202	27.6	42.0	223	24.5			
180							26.6	193	26.6	39.3	217	23.5			
185							22.2	182	25.6	36.4	210	22.7			
190										33.3	203	21.8			
195										29.9	194	21.0			
200										26.0	185	20.3			
205										21.6	173	19.5			
210													37.0	188	13.4
221													35.5	185	13.2
225													32.3	177	12.7
230													28.8	168	12.2
235													24.9	158	11.8
240													20.2	145	11.3
245															

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	43.3									
95	62.9	279	42.0	65.2	282	42.8									
100	61.0	276	41.5	63.3	279	42.4									
105	59.1	273	40.9	61.4	276	42.1									
106							67.0	281	41.5						
110	57.1	270	40.3	59.5	273	41.5	65.6	279	41.5						
115	55.1	267	39.8	57.6	270	40.9	63.7	277	41.4						
120	53.1	263	39.4	55.6	267	40.4	61.9	274	41.1						
125	51.0	259	39.0	53.6	263	40.0	60.0	271	40.7						
130	48.8	255	38.4	51.5	259	39.6	58.0	268	40.3						
135	46.5	250	37.7	49.3	255	39.0	56.1	265	39.9						
140	44.2	245	37.0	47.1	250	38.4	54.0	261	38.2						
145	41.7	239	36.4	44.7	246	37.8	52.0	257	36.5						
150	39.2	233	35.8	42.3	240	37.2	49.8	253	34.9						
152										57.0	259	30.1			
155	36.4	227	35.2	39.8	234	36.5	47.6	248	33.4	56.3	258	29.6			
160	33.5	219	34.2	37.1	228	35.0	45.8	245	32.1	54.3	254	28.4			
165	31.1	213	32.2	34.2	221	33.6	43.5	240	30.8	52.2	250	27.2			
170	27.7	204	30.2	31.8	215	32.2	41.0	234	29.5	50.0	246	26.1			
175	23.8	193	28.2	28.5	206	30.6	38.4	228	28.4	47.8	242	25.1			
180	19.1	180	26.2	24.7	195	28.6	35.6	221	27.3	45.5	237	24.1			
185				20.3	183	26.6	32.6	213	26.3	43.1	232	23.2			
190							29.3	205	25.3	40.6	226	22.3			
195							25.6	195	24.4	38.0	220	21.4			
200							21.4	183	23.5	35.2	213	20.7			
205										32.2	205	19.9			
210										28.9	196	19.2			
215										25.1	186	18.5			
220										20.8	174	17.8			
229													37.0	194	12.3
230													37.0	194	12.2
235													34.4	187	11.8
240													31.3	179	11.4
245													27.9	170	10.9
250													24.0	160	10.5
255													19.4	147	10.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	36.7									
105	60.9	285	35.6	63.1	288	36.4									
110							67.0	290	35.9						
110	59.1	282	35.0	61.3	285	36.0	67.0	290	35.9						
115	57.3	279	34.6	59.5	282	35.5	65.3	287	35.9						
120	55.4	275	34.1	57.7	279	34.9	63.5	285	35.8						
125	53.4	272	33.7	55.8	275	34.5	61.8	282	35.4						
130	51.5	268	33.4	53.9	272	34.1	60.0	279	34.9						
135	49.9	264	29.1	51.9	268	33.7	58.1	276	34.5						
140	47.8	260	27.9	49.9	264	33.4	56.3	273	34.1						
145	45.6	255	26.8	48.3	260	29.3	54.3	270	33.7						
150	43.4	250	25.7	46.1	256	28.6	52.4	266	33.3						
155	41.0	244	24.7	43.9	251	27.9	50.8	263	30.8						
157										57.0	267	28.5			
160	38.6	238	23.8	41.6	245	27.3	48.8	258	30.4	56.5	266	28.1			
165	35.9	231	23.0	39.1	239	26.7	46.7	254	29.9	54.5	263	26.9			
170	33.1	224	21.9	36.6	232	26.2	44.4	249	29.3	52.6	259	25.8			
175	30.1	216	20.6	33.8	225	25.0	42.1	243	28.1	50.6	255	24.8			
180	26.8	206	19.4	30.8	217	23.4	39.7	237	27.1	48.5	251	23.8			
185	23.0	195	18.1	27.6	208	21.8	37.2	231	26.0	46.4	246	22.9			
190	18.4	181	16.8	23.9	197	20.2	34.5	224	25.1	44.1	241	22.0			
195				19.5	184	18.6	31.6	216	24.1	41.8	235	21.2			
200							28.4	207	23.3	39.4	229	20.4			
205							24.8	197	22.4	36.8	223	19.6			
210							20.6	184	21.1	34.1	216	18.9			
215										31.2	208	18.2			
220										27.9	199	17.6			
225										24.3	188	17.0			
230										20.0	175	16.4			
237													37.0	200	11.2
240													36.1	197	11.1
245													33.3	190	10.6
250													30.3	182	10.2
255													27.0	172	9.8
260													23.2	161	9.4
265													18.7	148	9.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	29.0						
115	59.5	291	28.2	61.6	294	29.0	67.0	299	29.0						
120	57.8	288	27.7	59.9	291	28.5	65.4	297	29.0						
125	56.0	285	27.2	58.2	288	28.0	63.7	294	29.0						
130	54.2	281	26.8	56.4	285	27.6	62.0	291	28.7						
135	52.3	277	26.5	54.6	281	27.2	60.3	289	28.4						
140	50.4	273	26.1	52.8	277	26.9	58.6	286	28.3						
145	48.4	269	25.3	50.9	273	26.6	56.8	282	27.9						
150	46.4	264	24.6	48.9	269	26.0	55.0	279	27.5						
155	44.3	259	23.9	46.9	264	25.5	53.2	275	27.2						
160	42.1	253	23.3	44.8	260	24.9	51.3	271	26.9						
163										57.0	276	26.0			
165	39.8	248	22.7	42.6	254	24.5	49.4	267	26.6	56.6	275	26.0			
170	37.4	241	22.1	40.4	248	24.0	47.4	262	26.3	54.8	271	25.4			
175	34.9	234	21.6	38.0	242	23.6	45.3	258	25.9	53.0	268	24.4			
180	32.2	226	20.4	35.5	235	23.2	43.2	252	25.6	51.1	264	23.4			
185	29.2	218	19.3	32.8	228	22.1	40.9	247	25.3	49.1	259	22.5			
190	25.9	208	18.1	29.9	219	21.0	38.6	241	24.7	47.1	255	21.6			
195	22.2	196	17.0	26.7	210	20.0	36.1	234	23.8	45.0	250	20.8			
200	17.7	182	15.8	23.1	199	18.9	33.5	226	22.9	42.9	245	20.0			
205				18.9	185	17.8	30.6	218	22.1	40.6	239	19.3			
210							27.5	209	21.3	38.3	233	18.6			
215							24.0	198	20.6	35.8	226	17.9			
220							20.0	186	19.6	33.1	218	17.2			
225										30.2	210	16.6			
230										27.1	201	16.0			
235										23.5	190	15.5			
240										19.4	177	14.9			
245													37.0	206	10.1
250													35.0	200	9.8
255													32.3	193	9.4
260													29.4	184	9.1
265													26.1	174	8.7
270													22.4	163	8.3
275													18.0	149	8.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118							67.0	308	24.7						
120	59.5	299	24.4	61.5	302	24.9	66.6	307	24.7						
125	57.9	296	24.0	59.9	300	24.5	65.1	305	24.7						
130	56.2	293	23.7	58.3	296	24.2	63.5	303	24.6						
135	54.5	289	23.4	56.6	293	23.9	61.9	300	24.4						
140	52.7	286	23.1	54.9	290	23.6	60.3	297	24.2						
145	50.9	282	22.9	53.1	286	23.3	58.6	294	24.1						
150	49.0	277	22.5	51.3	282	23.1	57.0	291	23.8						
155	47.1	273	22.2	49.5	278	22.7	55.3	287	23.5						
160	45.1	268	21.8	47.6	273	22.3	53.5	284	23.2						
165	43.1	263	21.5	45.6	268	21.9	51.7	280	23.0						
168										57.0	284	21.9			
170	41.0	257	21.2	43.6	263	21.5	49.9	276	22.9	56.7	283	21.9			
175	38.7	251	20.9	41.5	258	21.2	48.0	271	22.6	55.0	280	21.9			
180	36.4	244	20.6	39.3	252	20.9	46.1	266	22.4	53.3	276	21.8			
185	33.9	237	20.1	36.9	245	20.6	44.1	261	22.2	51.5	272	21.7			
190	31.3	229	19.1	34.5	238	20.2	42.0	256	22.0	49.7	268	21.2			
195	28.4	220	18.0	31.9	230	19.6	39.8	250	21.8	47.8	264	20.4			
200	25.2	210	16.9	29.1	222	19.0	37.5	244	21.6	45.8	259	19.6			
205	21.5	198	15.9	25.9	212	18.3	35.1	237	21.4	43.8	254	18.9			
210				22.4	200	17.7	32.5	229	20.7	41.7	248	18.2			
215				18.2	186	17.1	29.7	221	20.1	39.5	242	17.5			
220							26.7	211	19.5	37.2	236	16.9			
225							23.3	200	18.9	34.8	229	16.3			
230							19.3	187	18.2	32.2	221	15.7			
235										29.4	212	15.1			
240										26.3	203	14.6			
245										22.8	191	14.0			
250										18.7	178	13.5			
253													37.0	212	9.1
255													36.5	210	9.0
260													34.1	203	8.6
265													31.4	195	8.3
270													28.5	186	7.9
275													25.4	176	7.6
280													21.7	164	7.3
285													17.4	150	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

123

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft luffing jib 123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	158.8												
40	69.0	195	158.8												
40				75.0	196	158.8									
45	64.1	192	158.0	70.5	195	158.8									
50	59.1	189	152.9	65.7	192	157.6									
55	53.7	186	142.9	60.8	190	139.3									
60	47.9	181	124.1	55.5	186	124.7									
65	41.5	176	114.4	49.9	182	112.7									
66							67.0	190	102.9						
70	34.1	169	105.3	43.7	177	102.7	63.2	188	95.7						
75	24.6	159	85.0	36.6	171	94.3	58.0	185	87.9						
80				28.0	162	87.0	52.6	181	81.2						
85				18.9	153	33.0	46.7	176	75.3						
90							40.1	171	70.2						
95							32.4	163	65.7						
97										57.0	176	58.5			
100							22.2	153	61.6	53.5	174	56.2			
105										47.7	170	52.9			
110										41.2	164	50.0			
115										33.7	157	47.3			
120										24.1	147	44.8			
149													37.0	135	27.9
150													37.0	135	27.7
155													28.9	127	26.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	155.6												
40	71.8	205	153.5												
43				75.0	206	154.4									
45	67.8	203	150.9	73.1	205	154.3									
50	63.5	201	146.4	69.1	203	152.6									
55	59.1	198	139.2	64.9	201	139.1									
60	54.5	194	125.1	60.6	198	124.4									
65	49.6	190	115.4	56.0	195	112.5									
70							67.0	199	95.5						
70	44.2	185	105.2	51.2	191	102.5	66.9	199	95.3						
75	38.3	179	94.7	46.0	186	94.1	62.7	196	87.5						
80	31.4	172	88.4	40.3	181	86.9	58.2	193	80.8						
85	22.5	161	75.4	33.7	174	80.6	53.6	189	75.0						
90				25.7	164	75.1	48.6	185	70.0						
95				17.0	153	33.0	43.1	180	65.5						
100							37.0	174	61.5						
102										57.0	185	54.3			
105										54.3	183	52.5			
110							29.8	166	57.9	49.4	178	49.6			
115							20.2	154	54.6	44.0	173	46.9			
120										38.0	167	44.5			
125										31.1	160	42.3			
130										22.0	149	40.2			
157													37.0	141	25.4
160													34.4	138	25.0
165													26.5	129	24.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft luffing jib 123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	137.5												
45	70.5	214	135.7												
45				75.0	215	137.1									
50	66.8	212	133.5	71.6	214	136.9									
55	63.1	209	130.9	68.0	212	135.2									
60	59.2	206	123.8	64.3	209	124.2									
65	55.1	203	115.3	60.5	207	112.2									
70	50.8	199	105.1	56.4	203	102.3									
74							67.0	208	88.9						
75	46.2	194	92.6	52.2	200	93.9	66.1	207	87.1						
80	41.2	189	87.8	47.8	195	86.7	62.3	205	80.4						
85	35.7	182	82.6	42.9	190	80.5	58.4	202	74.7						
90	29.1	174	74.8	37.5	184	75.0	54.3	198	69.6						
95	20.7	162	60.2	31.4	176	70.2	49.9	194	65.1						
100				23.8	166	65.9	45.3	189	61.2						
105							40.2	183	57.6						
108										57.0	193	50.6			
110							34.5	177	54.4	54.9	191	49.2			
115							27.7	168	51.4	50.6	187	46.5			
120							18.5	155	48.7	46.0	182	44.2			
125										41.0	177	42.0			
130										35.4	170	39.9			
135										28.8	162	38.0			
140										20.3	150	36.3			
165													37.0	147	23.6
165													37.0	147	23.4
170													32.0	141	22.6
175													24.6	131	21.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 95 ft luffing jib 123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	120.4												
48				75.0	225	120.4									
50	69.4	222	118.9	73.6	224	120.3									
55	66.1	220	115.8	70.4	222	119.5									
60	62.7	218	113.1	67.1	220	117.4									
65	59.2	215	108.9	63.8	218	112.1									
70	55.6	211	103.7	60.4	215	102.1									
75	51.8	207	96.3	56.8	212	93.8									
78							67.0	217	83.3						
80	47.8	203	89.0	53.0	208	86.6	65.4	216	80.2						
85	43.4	198	82.6	49.1	204	80.4	62.0	213	74.4						
90	38.7	192	77.0	44.9	199	74.9	58.5	210	69.4						
95	33.5	185	72.0	40.3	193	70.1	54.8	207	64.9						
100	27.3	176	59.6	35.2	187	65.8	51.0	203	61.0						
105				29.4	178	61.4	46.9	198	57.4						
110				22.1	167	57.3	42.5	193	54.2						
113										57.0	201	47.4			
115							37.7	187	51.3	55.4	200	46.3			
120							32.3	179	48.7	51.6	196	43.9			
125							25.9	170	46.3	47.6	191	41.7			
130							19.5	160	33.0	43.3	186	39.7			
135										38.5	180	37.9			
140										33.2	173	36.2			
145										27.0	164	34.6			
150										21.0	155	33.0			
173													37.0	153	21.7
175													35.8	151	21.5
180													30.0	143	20.7
185													22.9	132	19.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	106.9												
50				75.0	234	107.2									
55	68.5	231	105.1	72.3	233	107.2									
60	65.5	229	101.6	69.4	231	105.6									
65	62.4	226	98.8	66.4	229	103.0									
70	59.2	223	94.6	63.4	226	100.0									
75	56.0	220	91.4	60.3	224	93.5									
80	52.5	216	88.7	57.0	220	86.3									
82							67.0	226	78.0						
85	49.0	212	82.4	53.7	217	80.1	64.9	224	74.0						
90	45.2	207	76.8	50.1	213	74.7	61.8	222	69.0						
95	41.1	201	71.9	46.4	208	69.9	58.6	219	64.6						
100	36.6	195	67.5	42.4	203	65.6	55.3	215	60.6						
105	31.6	187	57.8	38.1	197	61.8	51.8	211	57.1						
110	25.7	178	53.3	33.3	189	58.3	48.2	207	53.9						
115				27.7	180	55.2	44.4	202	51.0						
118										57.0	209	44.3			
120				20.7	169	52.3	40.2	196	48.4	55.8	208	43.5			
125							35.7	190	46.0	52.4	204	41.3			
130							30.5	181	43.8	48.8	200	39.3			
135							24.3	171	41.7	45.0	195	37.5			
140							18.2	161	33.0	40.9	190	35.8			
145										36.4	183	34.2			
150										32.6	177	32.8			
155										26.9	168	31.4			
160										19.7	156	30.1			
181													37.0	159	20.0
185													33.8	154	19.5
190													28.3	145	18.7
195													21.5	134	18.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	94.5									
55	70.4	242	93.4	73.9	243	94.5									
60	67.7	240	91.4	71.3	241	94.1									
65	65.0	237	88.8	68.6	240	92.2									
70	62.1	235	86.8	65.9	237	89.9									
75	59.3	232	84.5	63.1	235	87.8									
80	56.3	228	82.1	60.2	232	85.7									
85	53.2	225	80.1	57.2	229	79.8									
85							67.0	235	73.3						
90	49.9	221	76.5	54.2	225	74.4	64.4	233	68.6						
95	46.5	216	71.6	51.0	221	69.6	61.6	230	64.2						
100	42.9	211	67.2	47.7	217	64.4	58.7	227	60.2						
105	39.0	205	57.3	44.1	212	61.5	55.7	224	56.7						
110	34.8	198	55.1	40.3	206	58.1	52.5	220	53.5						
115	30.0	190	51.3	36.2	200	55.0	49.3	216	50.7						
120	24.3	179	47.4	31.6	192	52.1	45.8	211	48.1						
124										57.0	218	41.5			
125				26.2	182	49.5	42.2	206	45.7	56.1	217	40.9			
130				19.5	170	47.0	38.2	199	43.5	53.0	213	38.9			
135							33.9	192	41.4	49.8	209	37.1			
140							28.9	184	39.6	46.4	204	35.4			
145							23.0	173	37.8	42.8	199	33.8			
150							17.1	162	32.9	39.8	194	32.4			
155										35.6	188	31.1			
160										30.9	180	29.8			
165										25.5	170	28.6			
170										18.5	157	27.4			
188													37.0	165	18.4
190													36.6	164	18.3
195													32.0	156	17.6
200													26.8	147	17.0
205													20.3	135	16.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
55				75.0	253	84.4									
60	69.6	250	83.2	72.8	252	84.4									
65	67.1	248	81.4	70.4	250	83.7									
70	64.5	246	79.5	67.9	248	82.3									
75	61.9	243	78.0	65.4	246	80.3									
80	59.3	240	76.1	62.8	243	78.7									
85	56.5	237	74.3	60.1	240	77.2									
89							67.0	244	69.2						
90	53.7	233	72.7	57.4	237	74.2	66.6	244	68.3						
95	50.7	229	71.4	54.6	234	69.4	64.0	241	63.9						
100	47.7	225	67.1	51.7	230	65.1	61.4	239	60.0						
105	44.4	220	57.6	48.7	226	61.3	58.7	236	56.5						
110	41.0	214	54.4	45.5	221	57.9	56.0	232	53.3						
115	37.2	208	51.7	42.1	215	54.8	53.1	228	50.4						
120	33.1	200	48.9	38.5	209	52.0	50.1	224	47.8						
125	28.5	192	45.7	34.5	202	49.4	47.0	220	45.5						
129								57.0	226	39.0					
130	23.1	181	42.4	30.1	194	47.0	43.7	215	43.3	56.4	225	38.6			
135				25.0	184	44.8	40.2	209	41.2	53.6	222	36.8			
140				18.5	171	42.1	36.5	202	39.4	50.6	217	35.1			
145							32.3	195	37.6	47.5	213	33.6			
150							27.5	186	36.0	45.1	209	32.2			
155							21.8	174	34.5	41.6	204	30.8			
160										38.0	198	29.6			
165										34.0	190	28.4			
170										29.5	182	27.3			
175										24.2	172	26.2			
180										17.4	158	25.2			
196													37.0	171	17.0
200													34.9	167	16.7
205													30.5	159	16.1
210													25.5	149	15.5
215													19.2	136	14.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	74.1									
65	68.8	259	72.4	71.9	261	74.0									
70	66.5	257	70.7	69.6	259	72.7									
75	64.2	254	69.2	67.3	257	71.5									
80	61.8	252	68.0	64.9	254	69.8									
85	59.3	249	66.5	62.5	252	68.6									
90	56.7	245	62.2	60.1	249	67.3									
93							67.0	253	65.2						
95	54.1	242	60.7	57.6	246	65.9	66.1	252	63.5						
100	51.4	238	59.5	55.0	242	62.6	63.7	250	59.6						
105	48.6	234	56.9	52.3	239	61.0	61.3	247	56.1						
110	45.7	229	53.5	49.5	234	57.6	58.8	244	52.9						
115	42.5	223	50.4	46.6	230	54.5	56.2	241	50.1						
120	39.2	217	47.5	43.6	225	51.7	53.6	237	47.5						
125	35.7	211	45.1	40.3	219	49.1	50.9	233	45.1						
130	31.7	203	42.6	36.8	212	46.8	48.0	229	42.9						
134										57.0	234	36.6			
135	27.3	194	40.1	33.0	205	44.6	45.1	224	40.9	56.6	234	36.4			
140	22.0	182	37.6	28.8	196	42.6	41.9	218	39.1	54.0	230	34.7			
145				23.8	186	40.7	38.5	212	37.3	51.3	226	33.2			
150				17.5	172	37.6	34.9	205	35.7	49.2	223	31.8			
155							30.9	197	34.2	46.2	218	30.4			
160							27.4	190	30.9	43.2	213	29.2			
165							22.2	179	30.0	39.9	207	28.0			
170										36.4	201	26.9			
175										32.5	193	25.8			
180										28.2	184	24.9			
185										23.1	173	23.9			
190										16.5	159	23.0			
204													37.0	176	15.7
205													37.0	176	15.6
210													33.4	169	15.1
215													29.2	161	14.5
220													24.3	151	14.0
225													18.2	137	13.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	65.7									
70	68.2	267	62.0	71.0	269	63.0									
75	66.1	265	60.7	68.9	267	61.6									
80	63.8	263	59.5	66.8	265	60.4									
85	61.6	260	58.7	64.6	263	59.2									
90	59.3	257	57.4	62.3	260	58.3									
95	56.9	254	56.2	60.0	257	57.3									
97							67.0	262	58.9						
100	54.5	250	55.1	57.7	254	56.1	65.6	261	58.9						
105	52.0	247	54.2	55.3	251	55.1	63.4	258	55.7						
110	49.4	242	52.8	52.8	247	54.3	61.1	255	52.5						
115	46.7	238	49.7	50.3	243	53.4	58.8	252	49.7						
120	43.9	233	46.8	47.6	239	51.4	56.5	249	47.1						
125	40.9	227	44.2	44.8	234	48.9	54.0	246	44.7						
130	37.7	221	41.8	41.9	228	46.5	51.5	242	42.5						
135	34.2	214	39.6	38.7	222	44.3	48.9	237	40.5						
140										57.0	242	34.4			
140	30.4	205	37.7	35.4	215	42.3	46.2	233	38.7	56.8	242	34.3			
145	26.1	196	35.8	31.7	207	40.5	43.3	227	37.0	55.0	239	32.8			
150	21.0	184	33.8	27.6	198	38.7	40.3	222	35.4	52.5	236	31.4			
155				22.8	187	37.0	37.0	215	33.9	49.9	232	30.0			
160				16.6	173	34.0	34.4	210	31.8	47.2	227	28.8			
165							30.6	202	30.4	44.4	222	27.6			
170							26.3	192	28.9	41.5	216	26.5			
175							21.2	180	27.5	38.3	210	25.5			
180										34.9	203	24.5			
185										31.2	195	23.6			
190										27.0	186	22.7			
195										22.1	175	21.8			
200										15.6	159	21.0			
212													37.0	182	14.3
215													35.7	180	14.1
220													32.1	172	13.6
225													28.0	163	13.0
230													23.3	152	12.6
235													17.3	138	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	55.1									
80	65.6	274	53.5	68.3	276	54.4									
85	63.6	271	52.7	66.3	274	53.7									
90	61.5	269	52.1	64.2	271	52.9									
95	59.3	266	51.1	62.2	269	52.3									
100	57.1	262	50.2	60.0	266	51.6									
101							67.0	271	52.0						
105	54.8	259	49.3	57.8	263	50.7	65.2	269	52.0						
110	52.5	255	48.6	55.6	259	50.0	63.2	267	51.8						
115	50.1	251	47.9	53.3	256	49.4	61.0	264	49.4						
120	47.6	247	46.1	50.9	252	48.8	58.9	261	46.8						
125	45.0	242	44.4	48.4	247	47.6	56.7	258	44.5						
130	42.3	236	42.9	45.9	243	46.3	54.4	254	42.3						
135	39.4	230	41.4	43.2	237	44.1	52.0	250	40.3						
140	36.3	224	40.1	40.3	232	42.1	49.6	246	38.4						
145	33.0	216	38.3	37.3	225	40.3	47.1	242	36.7	57.0	251	32.2			
150	29.3	208	36.0	34.1	218	38.5	44.5	237	35.1	55.3	248	31.1			
155	25.1	198	33.6	30.5	210	36.9	41.7	231	33.7	53.0	244	29.7			
160	21.4	188	19.5	26.5	200	35.4	39.5	226	32.3	50.6	240	28.5			
165				21.8	189	33.6	36.4	220	31.0	48.1	236	27.3			
170				17.4	178	21.1	33.1	212	29.8	45.5	231	26.2			
175							29.4	204	28.7	42.8	226	25.2			
180							25.2	194	27.5	40.0	220	24.2			
185							20.3	181	25.7	36.9	213	23.3			
190										33.6	206	22.4			
195										30.0	198	21.6			
200										26.0	188	20.8			
205										21.1	176	20.1			
220													37.0	188	13.3
220													37.0	188	13.2
225													34.4	183	12.8
230													30.9	174	12.3
235													26.9	165	11.8
240													22.3	154	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	48.9									
85	65.3	282	47.6	67.8	285	48.7									
90	63.3	280	47.1	65.9	282	48.2									
95	61.3	277	46.6	64.0	280	47.8									
100	59.3	274	45.9	62.0	277	47.4									
105							67.0	280	46.3						
105	57.2	271	45.2	60.0	274	46.9	66.8	280	46.3						
110	55.1	267	44.5	57.9	271	46.3	64.9	278	46.3						
115	52.9	264	44.0	55.8	268	45.8	62.9	275	46.2						
120	50.7	260	43.5	53.7	264	45.3	60.9	272	45.8						
125	48.4	255	42.7	51.4	260	44.9	58.9	269	44.1						
130	46.0	251	41.9	49.1	256	44.2	56.8	266	41.9						
135	43.5	245	41.1	46.8	251	43.3	54.7	263	39.9						
140	40.8	240	40.4	44.3	246	41.8	52.5	259	38.1						
145	38.0	233	39.8	41.7	241	40.0	50.2	255	36.4						
150	35.0	226	39.2	38.9	235	38.3	47.9	250	34.8						
150										57.0	259	30.2			
155	31.8	219	37.0	36.0	228	36.6	45.5	246	33.3	55.5	257	29.3			
160	28.2	210	34.3	32.9	221	35.1	43.5	242	32.0	53.4	253	28.1			
165	25.2	202	18.5	29.4	212	33.7	40.9	236	30.7	51.1	249	26.9			
170	20.5	190	17.9	26.5	205	20.9	38.1	230	29.5	48.8	245	25.8			
175				22.1	193	20.3	35.1	223	28.3	46.4	240	24.8			
180				16.7	178	19.7	31.9	215	27.3	44.0	235	23.8			
185							28.3	206	26.2	41.3	229	22.9			
190							24.3	196	25.3	38.6	223	22.1			
195							19.5	183	24.2	35.6	216	21.2			
200										32.4	209	20.5			
205										28.9	200	19.7			
210										25.0	190	19.0			
215										20.3	177	18.3			
228													37.0	194	12.0
230													36.3	193	11.9
235													33.2	185	11.4
240													29.8	177	11.0
245													25.9	167	10.6
250													21.4	155	10.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	42.2									
95	63.1	288	40.8	65.5	291	41.7									
100	61.2	285	40.4	63.7	288	41.3									
105	59.3	283	39.7	61.8	286	41.0									
108							67.0	289	40.3						
110	57.4	279	39.2	59.9	283	40.4	66.4	289	40.3						
115	55.4	276	38.7	58.0	280	39.9	64.6	286	40.3						
120	53.3	272	38.2	56.0	276	39.4	62.7	284	40.1						
125	51.2	268	37.8	54.0	273	39.0	60.9	281	39.7						
130	49.1	264	37.3	51.9	269	38.6	58.9	278	39.3						
135	46.8	259	36.7	49.8	265	38.2	57.0	275	39.0						
140	44.5	254	36.2	47.6	260	37.6	55.0	271	37.7						
145	42.1	249	35.7	45.3	255	37.0	52.9	267	36.0						
150	39.5	243	35.2	42.9	250	36.5	50.8	263	34.4						
155	36.8	236	34.8	40.3	244	36.1	49.1	260	32.7						
156										57.0	267	28.4			
160	33.9	229	34.1	37.7	238	34.9	46.9	256	31.6	55.8	265	27.7			
165	31.5	223	19.7	34.8	231	33.5	44.6	251	30.4	53.7	261	26.5			
170	28.1	214	18.8	32.5	225	22.6	42.1	245	29.1	51.6	258	25.4			
175	24.3	204	17.9	29.2	216	21.4	39.6	239	28.0	49.5	253	24.4			
180	19.7	191	17.0	25.6	207	20.2	36.9	233	26.9	47.3	249	23.4			
185				21.3	195	19.1	34.0	225	25.9	44.9	244	22.5			
190				16.0	179	17.8	30.8	217	25.0	42.5	238	21.7			
195							27.4	208	24.0	40.0	233	20.9			
200							23.4	197	23.2	37.3	226	20.1			
205							18.7	184	21.3	34.5	219	19.4			
210										31.4	211	18.7			
215										28.0	202	18.0			
220										24.1	192	17.3			
225										19.5	179	16.7			
236													37.0	200	10.8
240													35.1	195	10.6
245													32.1	188	10.2
250													28.8	179	9.8
255													25.0	169	9.4
260													20.6	156	9.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	36.4									
105	61.1	294	35.3	63.5	297	36.0									
110	59.3	291	34.8	61.7	294	35.7									
112							67.0	298	35.4						
115	57.5	288	34.3	59.9	291	35.2	66.1	297	35.4						
120	55.6	284	33.9	58.1	288	34.7	64.3	295	35.4						
125	53.7	281	33.5	56.2	285	34.2	62.6	292	35.2						
130	51.7	277	33.2	54.3	281	33.8	60.8	289	34.6						
135	50.1	274	28.2	52.3	278	33.5	59.0	286	34.2						
140	48.1	269	27.0	50.3	273	33.2	57.1	283	33.9						
145	45.9	265	25.8	48.7	270	28.8	55.2	280	33.4						
150	43.7	259	24.7	46.6	265	28.0	53.3	276	33.1						
155	41.3	254	23.7	44.4	260	27.3	51.8	273	30.6						
160	38.9	248	22.8	42.1	255	26.5	49.7	269	30.2						
161										57.0	275	26.8			
165	36.3	241	21.9	39.7	249	25.9	47.6	264	29.7	56.0	274	26.2			
170	33.5	234	20.9	37.1	243	25.3	45.5	260	28.9	54.1	270	25.1			
175	30.5	225	19.7	34.4	236	24.3	43.2	254	27.7	52.1	266	24.1			
180	27.2	216	18.5	31.5	228	22.7	40.8	249	26.7	50.1	262	23.2			
185	23.5	205	17.3	28.3	219	21.1	38.4	242	25.7	48.0	258	22.3			
190	19.0	192	16.1	24.7	208	19.5	35.7	236	24.7	45.8	253	21.4			
195				20.6	196	17.9	32.9	228	23.8	43.6	248	20.6			
200				15.3	180	16.2	29.9	220	22.9	41.2	242	19.8			
205							26.5	210	22.1	38.8	236	19.1			
210							22.6	199	20.7	36.2	229	18.4			
215							18.0	185	18.9	33.4	222	17.7			
220										30.4	214	17.1			
225										27.1	204	16.5			
230										23.3	193	15.9			
235										18.8	180	15.3			
243													37.0	206	9.9
245													36.8	205	9.9
250													34.0	198	9.5
255													31.1	190	9.1
260													27.8	181	8.7
265													24.2	171	8.4
270													19.9	158	8.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	28.2						
120	58.0	297	27.0	60.3	301	27.9	66.1	306	28.2						
125	56.2	294	26.5	58.6	297	27.5	64.5	304	28.2						
130	54.4	290	26.1	56.8	294	27.0	62.8	301	28.0						
135	52.6	286	25.7	55.0	291	26.6	61.1	299	27.7						
140	50.7	282	25.4	53.2	287	26.3	59.4	296	27.6						
145	48.7	278	24.6	51.3	283	26.0	57.7	292	27.3						
150	46.7	273	23.9	49.3	279	25.3	55.9	289	27.0						
155	44.6	268	23.1	47.3	274	24.7	54.0	285	26.6						
160	42.4	263	22.5	45.3	269	24.1	52.2	282	26.4						
165	40.1	257	21.9	43.1	264	23.5	50.3	278	26.1						
167										57.0	284	25.2			
170	37.7	251	21.3	40.9	258	23.0	48.3	273	25.8	56.2	282	24.7			
175	35.2	244	20.8	38.5	252	22.5	46.3	268	25.4	54.3	279	23.7			
180	32.5	236	19.8	36.0	246	22.0	44.2	263	25.1	52.5	275	22.7			
185	29.6	228	18.7	33.4	238	21.1	42.0	258	24.8	50.6	271	21.8			
190	26.4	218	17.7	30.6	230	20.2	39.7	252	24.4	48.6	266	21.0			
195	22.7	207	16.6	27.4	221	19.2	37.2	246	23.5	46.6	262	20.2			
200	18.4	193	15.5	23.9	210	18.2	34.7	238	22.6	44.5	257	19.4			
205				19.9	197	17.2	31.9	231	21.8	42.3	251	18.7			
210							29.0	222	21.0	40.0	245	18.0			
215							25.7	212	20.3	37.6	239	17.3			
220							21.9	200	19.5	35.1	232	16.7			
225							17.4	186	18.7	32.4	224	16.1			
230										29.5	216	15.5			
235										26.2	206	15.0			
240										22.6	195	14.4			
245										18.2	181	13.9			
251													37.0	212	8.9
255													35.7	208	8.7
260													33.0	201	8.3
265													30.1	193	8.0
270													27.0	183	7.6
275													23.4	172	7.3
280													19.2	159	7.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	26.2						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	24.4						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	24.4						
130	56.4	302	23.6	58.6	306	24.0	64.2	312	24.4						
135	54.7	299	23.4	56.9	303	23.7	62.6	310	24.1						
140	52.9	295	23.1	55.2	299	23.4	61.0	307	24.0						
145	51.1	291	22.8	53.5	296	23.1	59.4	304	23.8						
150	49.3	287	22.4	51.7	292	22.9	57.7	301	23.6						
155	47.4	282	22.0	49.9	288	22.4	56.0	298	23.4						
160	45.4	277	21.6	48.0	283	21.9	54.3	294	23.1						
165	43.4	272	21.2	46.0	278	21.4	52.6	290	22.9						
170	41.2	267	20.8	44.0	273	20.9	50.7	286	22.7						
172										57.0	292	21.9			
175	39.0	260	20.4	41.9	268	20.5	48.9	282	22.5	56.3	291	21.9			
180	36.7	254	20.1	39.7	262	20.1	47.0	277	22.3	54.6	287	21.9			
185	34.2	247	19.7	37.5	255	19.7	45.0	272	22.1	52.8	283	21.4			
190	31.6	239	18.9	35.0	248	19.3	42.9	267	21.8	51.0	279	20.6			
195	28.7	230	18.0	32.5	241	18.8	40.8	261	21.6	49.2	275	19.8			
200	25.6	220	17.0	29.7	232	18.4	38.6	255	21.5	47.3	270	19.0			
205	22.0	208	16.0	26.6	223	17.8	36.2	248	21.3	45.3	266	18.3			
210				23.2	212	17.3	33.7	241	20.7	43.3	260	17.6			
215				19.2	198	16.7	31.0	233	19.9	41.1	255	17.0			
220							28.1	224	19.2	38.9	249	16.3			
225							24.9	214	18.6	36.6	242	15.7			
230							21.2	202	17.9	34.1	235	15.2			
235							16.8	187	17.3	31.5	227	14.6			
240										28.6	218	14.1			
245										25.5	208	13.6			
250										21.9	196	13.1			
255										17.5	182	12.6			
259													37.0	218	7.9
260													37.0	218	7.9
265													34.7	211	7.5
270													32.1	203	7.2
275													29.3	195	6.9
280													26.2	185	6.6
285													22.7	174	6.3
290													18.6	160	6.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>66 ft luffing jib</b> <b>133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	158.8												
40	69.6	205	158.8												
41				75.0	206	158.8									
45	64.8	202	156.8	71.6	205	158.8									
50	59.8	200	151.6	66.9	203	157.1									
55	54.5	196	141.1	62.0	200	138.8									
60	48.8	192	124.7	56.8	197	124.2									
65	42.4	187	114.8	51.3	193	112.2									
69							67.0	199	96.9						
70	35.2	180	105.2	45.2	188	102.3	65.7	198	94.5						
75	26.1	171	86.8	38.4	182	93.9	60.7	196	86.8						
80				30.3	174	86.7	55.4	192	80.2						
85				19.0	163	80.3	49.8	188	74.4						
90							43.6	183	69.4						
95							36.5	177	64.9						
100							27.9	168	60.9						
101										57.0	185	54.2			
105										52.6	182	51.6			
110										46.7	178	48.7			
115										40.1	172	46.1			
120										32.3	165	43.7			
125										24.9	157	33.0			
156													37.0	142	24.6
160													32.5	138	24.0
165													22.3	127	23.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 76 ft luffing jib 133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	152.9												
40	72.4	215	150.6												
44				75.0	216	151.0									
45	68.3	213	148.1	74.1	215	150.9									
50	64.1	211	143.1	70.1	213	149.7									
55	59.8	208	137.1	65.9	211	138.5									
60	55.2	205	124.1	61.6	209	123.9									
65	50.3	201	115.3	57.2	205	112.0									
70	45.0	196	105.1	52.4	202	102.1									
73							67.0	208	90.2						
75	39.2	190	95.5	47.3	197	93.8	64.9	207	86.4						
80	32.4	182	89.1	41.7	192	86.6	60.5	204	79.8						
85	23.9	172	78.4	35.4	185	80.3	56.0	201	74.1						
90				27.8	177	74.8	51.2	197	69.1						
95				17.1	163	69.9	46.0	192	64.6						
100							40.2	187	60.7						
105							33.7	180	57.1						
106										57.0	194	50.4			
110							25.6	170	53.9	53.5	191	48.3			
115										48.5	187	45.8			
120										43.1	181	43.4			
125										37.0	175	41.2			
130										29.7	167	39.2			
135										22.7	159	33.0			
164													37.0	148	22.8
165													37.0	148	22.6
170													29.9	140	21.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 85 ft luffing jib 133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	133.3												
45	71.0	224	131.6												
46				75.0	225	132.7									
50	67.3	222	129.7	72.5	224	132.5									
55	63.6	219	126.0	68.9	222	131.2									
60	59.7	216	122.2	65.2	220	123.6									
65	55.7	213	114.9	61.4	217	111.8									
70	51.4	209	104.9	57.4	214	101.9									
75	46.9	205	93.3	53.3	210	93.5									
76							67.0	217	84.1						
80	42.0	199	88.3	48.9	206	86.4	64.2	215	79.4						
85	36.5	193	82.5	44.1	201	80.1	60.4	213	73.7						
90	30.1	185	76.2	38.9	195	74.7	56.4	209	68.7						
95	22.0	174	66.3	33.0	188	69.9	52.2	206	64.3						
100				25.8	178	65.6	47.7	201	60.4						
105							42.8	196	56.8						
110							37.5	190	53.7						
112										57.0	202	47.0			
115							31.3	182	50.8	54.2	199	45.3			
120							23.6	172	48.1	49.9	195	43.0			
125										45.2	190	40.8			
130										40.1	185	38.9			
135										34.4	178	37.1			
140										27.6	169	35.3			
172													37.0	154	20.8
175													34.5	151	20.4
180													27.7	142	19.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 95 ft luffing jib 133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	118.5												
49				75.0	235	118.5									
50	69.8	232	116.9	74.4	234	118.5									
55	66.5	230	114.5	71.2	233	117.9									
60	63.2	228	111.9	67.9	231	116.2									
65	59.7	225	108.3	64.6	228	111.6									
70	56.1	222	103.0	61.2	226	101.7									
75	52.3	218	96.2	57.6	222	93.4									
80	48.3	214	88.9	53.9	219	86.2									
80							67.0	226	79.0						
85	44.1	209	82.5	50.1	215	80.0	63.8	224	73.5						
90	39.4	203	76.9	45.9	210	74.6	60.3	221	68.5						
95	34.2	196	71.9	41.4	205	69.8	56.7	218	64.1						
100	28.2	187	66.4	36.5	198	65.6	53.0	214	60.2						
105	22.5	178	31.9	30.9	190	61.7	49.0	210	56.7						
110				24.1	180	58.3	44.8	205	53.5						
115							40.3	199	50.7						
117										57.0	210	44.1			
120							35.2	193	48.0	54.8	208	42.7			
125							29.3	184	45.6	51.0	204	40.6			
130							22.0	173	43.4	46.9	199	38.7			
135										42.5	194	36.9			
140										37.7	188	35.2			
145										32.3	180	33.6			
150										27.4	173	32.2			
180													37.0	160	19.4
180													37.0	160	19.3
185													32.4	153	18.6
190													25.9	144	17.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	104.1												
52				75.0	244	104.6									
55	68.9	241	102.7	73.0	243	104.5									
60	65.9	239	99.7	70.1	241	103.3									
65	62.8	236	97.2	67.2	239	101.5									
70	59.7	233	93.3	64.1	237	98.6									
75	56.4	230	90.0	61.0	234	93.1									
80	53.0	226	87.3	57.8	231	85.9									
84							67.0	235	74.1						
85	49.5	222	82.3	54.5	227	79.7	66.4	235	73.0						
90	45.7	218	76.7	51.0	223	74.3	63.4	232	68.1						
95	41.7	212	71.8	47.3	219	69.6	60.2	230	63.7						
100	37.3	206	67.4	43.4	214	64.5	57.0	226	59.8						
105	32.3	198	56.5	39.2	208	61.5	53.6	223	56.3						
110	26.6	189	52.9	34.5	201	58.1	50.1	219	53.2						
115	21.1	180	29.5	29.1	192	55.0	46.4	214	50.3						
120				22.6	182	52.1	42.4	209	47.7						
122										57.0	218	41.2			
125										55.3	216	40.2			
130							38.0	203	45.4	51.8	213	38.2			
135							33.2	195	43.2	48.2	208	36.4			
140							27.6	186	41.1	44.3	203	34.8			
145							20.6	175	39.3	40.2	198	33.3			
150										36.7	192	31.9			
155										31.7	185	30.5			
160										25.8	175	29.3			
188															
190													37.0	166	17.7
195													35.7	164	17.5
195													30.5	156	16.8
200													24.4	146	16.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	93.0									
55	70.8	252	92.1	74.5	253	93.0									
60	68.1	250	90.5	71.9	252	92.9									
65	65.3	247	88.0	69.2	250	91.6									
70	62.5	245	86.0	66.5	248	89.7									
75	59.7	242	83.8	63.7	245	87.5									
80	56.7	239	81.4	60.9	242	85.6									
85	53.6	235	79.3	58.0	239	79.4									
88							67.0	244	69.7						
90	50.4	231	76.4	54.9	236	74.0	65.8	243	67.6						
95	47.0	226	71.5	51.8	232	69.3	63.0	241	63.3						
100	43.4	221	67.2	48.5	228	64.1	60.2	238	59.4						
105	39.6	215	56.2	45.0	223	61.2	57.2	235	55.9						
110	35.4	209	53.8	41.3	217	57.8	54.1	231	52.8						
115	30.7	201	50.7	37.2	211	54.7	51.0	227	50.0						
120	25.1	191	47.6	32.7	204	51.9	47.6	223	47.4						
125				27.6	195	49.3	44.1	218	45.0						
128										57.0	227	38.6			
130				21.3	183	46.9	40.3	212	42.9	55.6	225	37.8			
135							36.1	206	40.9	52.5	221	36.0			
140							31.5	198	39.0	49.2	217	34.4			
145							26.2	188	37.3	46.6	213	32.9			
150							19.4	176	35.6	43.0	208	31.5			
155										39.1	202	30.2			
160										34.9	195	28.9			
165										30.1	187	27.7			
170										24.4	177	26.6			
195													37.0	172	16.2
200													33.9	166	15.8
205													29.0	158	15.2
210													23.0	147	14.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	82.3									
60	69.9	260	81.1	73.4	262	82.3									
65	67.4	258	79.5	70.9	260	81.9									
70	64.9	256	77.6	68.5	258	80.8									
75	62.3	253	76.1	66.0	256	79.2									
80	59.6	250	74.4	63.4	254	77.5									
85	56.9	247	72.6	60.8	251	76.2									
90	54.1	244	71.0	58.1	248	73.8									
92							67.0	253	65.8						
95	51.2	240	69.7	55.3	244	69.1	65.3	252	63.0						
100	48.1	235	66.8	52.4	241	64.6	62.7	249	59.1						
105	44.9	230	55.7	49.4	236	61.1	60.1	247	55.7						
110	41.5	225	52.8	46.3	232	57.6	57.4	243	52.5						
115	37.8	219	50.2	42.9	227	54.6	54.6	240	49.7						
120	33.7	211	47.9	39.4	221	51.8	51.7	236	47.1						
125	29.2	203	45.1	35.5	214	49.2	48.6	232	44.8						
130	23.9	192	42.4	31.2	206	46.8	45.4	227	42.6						
133										57.0	235	36.4			
135				26.3	196	44.6	42.1	221	40.6	55.9	233	35.7			
140				20.2	184	42.5	38.4	215	38.8	53.1	230	34.1			
145							34.5	208	37.1	50.8	227	32.6			
150							30.0	200	35.5	47.7	222	31.2			
155							24.9	190	34.0	44.5	217	29.9			
160							20.1	180	30.7	41.1	212	28.7			
165										37.3	205	27.5			
170										33.3	198	26.4			
175										28.7	189	25.4			
180										23.2	179	24.4			
203													37.0	177	15.0
205													36.5	177	14.9
210													32.3	169	14.3
215													27.6	160	13.8
220													21.9	149	13.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	73.3									
60	71.4	271	72.6	74.6	272	73.3									
65	69.2	269	71.7	72.4	271	73.2									
70	66.8	267	70.1	70.1	269	72.4									
75	64.5	264	68.6	67.8	267	71.3									
80	62.1	262	67.5	65.5	265	69.8									
85	59.6	259	66.0	63.1	262	68.5									
90	57.1	256	60.6	60.7	259	67.4									
95	54.5	252	58.8	58.2	256	66.0									
96							67.0	263	62.2						
100	51.8	248	57.3	55.6	253	62.1	64.9	260	58.7						
105	49.0	244	55.2	53.0	249	60.8	62.5	258	55.3						
110	46.1	239	52.2	50.2	245	57.4	60.1	255	52.1						
115	43.0	234	49.5	47.3	241	54.3	57.5	252	49.3						
120	39.7	228	47.0	44.3	236	51.5	55.0	248	46.8						
125	36.2	222	44.8	41.1	230	48.9	52.3	245	44.4						
130	32.3	214	42.6	37.7	224	46.6	49.5	240	42.3						
135	27.9	205	40.3	34.0	217	44.4	46.6	236	40.3						
139										57.0	243	34.1			
140	22.8	194	37.9	29.8	208	42.4	43.5	231	38.5	56.2	242	33.7			
145				25.1	198	40.5	40.3	225	36.8	54.2	239	32.2			
150				19.2	185	38.3	36.8	218	35.2	51.5	235	30.8			
155							33.0	211	33.7	48.7	231	29.5			
160							29.8	204	30.7	45.7	226	28.3			
165							25.0	194	29.4	42.6	221	27.1			
170							19.1	181	28.1	39.3	215	26.1			
175										35.7	208	25.0			
180										31.8	201	24.1			
185										27.4	191	23.2			
190										22.1	180	22.3			
211													37.0	183	13.7
215													34.9	179	13.4
220													30.9	171	12.9
225													26.3	162	12.4
230													20.8	150	11.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>144 ft luffing jib</b> <b>133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	62.0									
75	66.4	275	58.8	69.4	278	60.7									
80	64.2	273	57.6	67.3	276	59.6									
85	61.9	270	56.7	65.1	273	58.3									
90	59.6	267	55.3	62.9	271	57.3									
95	57.3	264	53.9	60.6	268	56.4									
99							67.0	272	57.7						
100	54.9	261	52.7	58.3	265	55.2	66.7	271	57.7						
105	52.4	257	51.7	55.9	262	54.2	64.5	269	54.8						
110	49.8	253	50.5	53.4	258	53.3	62.3	266	51.7						
115	47.1	248	47.9	50.9	254	52.5	60.0	264	48.9						
120	44.3	243	45.5	48.2	249	50.2	57.7	260	46.4						
125	41.3	238	43.3	45.5	245	48.0	55.3	257	44.0						
130	38.1	231	41.3	42.6	239	45.9	52.8	253	41.9						
135	34.7	224	39.6	39.5	233	44.1	50.2	249	39.9						
140	31.0	216	37.6	36.2	227	42.1	47.6	245	38.1						
144										57.0	251	32.0			
145	26.8	207	35.6	32.6	219	40.3	44.8	240	36.4	57.0	251	31.8			
150	21.8	195	33.7	28.6	210	38.4	41.8	234	34.8	54.6	248	30.4			
155				24.0	200	36.3	38.7	228	33.4	52.1	244	29.1			
160				18.3	186	34.2	36.1	223	30.4	49.5	240	27.9			
165							32.5	215	29.2	46.8	235	26.7			
170							28.5	207	27.8	43.9	230	25.6			
175							23.9	196	26.5	41.0	224	24.6			
180							18.2	182	25.2	37.8	218	23.7			
185										34.3	211	22.8			
190										30.5	203	21.9			
195										26.2	193	21.1			
200										21.1	181	20.3			
219													37.0	189	12.5
220													37.0	189	12.4
225													33.5	182	11.9
230													29.7	174	11.5
235													25.2	164	11.0
240													19.8	151	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	54.9									
80	65.9	284	52.2	68.8	286	54.1									
85	63.9	281	51.3	66.8	284	53.4									
90	61.8	279	50.6	64.7	282	52.5									
95	59.6	276	49.5	62.7	279	51.9									
100	57.4	273	48.4	60.5	276	51.2									
103							67.0	281	51.6						
105	55.2	269	47.4	58.4	273	50.3	66.3	280	51.6						
110	52.8	265	46.6	56.1	270	49.5	64.2	277	51.5						
115	50.4	261	45.8	53.8	266	48.8	62.1	275	48.7						
120	48.0	257	44.2	51.5	262	48.2	60.0	272	46.1						
125	45.4	252	42.6	49.0	258	47.0	57.8	269	43.8						
130	42.7	247	41.1	46.5	254	45.5	55.6	266	41.6						
135	39.8	241	39.7	43.8	248	43.9	53.2	262	39.7						
140	36.7	234	38.4	41.0	243	41.9	50.9	258	37.8						
145	33.4	227	37.0	38.1	237	40.1	48.4	253	36.2						
149										57.0	260	30.2			
150	29.8	219	35.1	34.9	230	38.3	45.8	249	34.6	57.0	260	30.0			
155	25.7	209	33.1	31.4	222	36.7	43.1	243	33.1	54.9	256	28.8			
160	22.1	200	18.6	27.5	213	35.2	41.0	239	29.9	52.6	253	27.6			
165				23.0	202	33.7	38.0	233	29.2	50.2	248	26.4			
170				18.9	191	19.9	34.8	226	28.5	47.7	244	25.4			
175							31.3	218	27.2	45.1	239	24.4			
180							27.4	209	25.8	42.3	234	23.4			
185							22.9	198	24.5	39.5	228	22.5			
190							17.3	183	23.2	36.4	221	21.7			
195										33.0	214	20.9			
200										29.4	205	20.1			
205										25.2	195	19.4			
210										20.2	183	18.7			
227													37.0	195	11.4
230													35.7	192	11.2
235													32.3	185	10.8
240													28.5	176	10.4
245													24.2	165	10.0
250													19.0	152	9.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	48.1									
85	65.5	292	45.7	68.3	295	47.8									
90	63.6	290	45.1	66.4	293	47.4									
95	61.6	287	44.6	64.4	290	46.9									
100	59.6	284	43.7	62.5	288	46.5									
105	57.5	281	42.9	60.5	285	46.0									
107							67.0	290	45.4						
110	55.4	278	42.1	58.4	282	45.4	65.9	288	45.4						
115	53.3	274	41.4	56.3	279	44.8	63.9	286	45.4						
120	51.0	270	40.9	54.2	275	44.3	62.0	283	45.1						
125	48.7	266	40.0	52.0	271	43.9	60.0	280	43.4						
130	46.3	261	39.1	49.7	267	43.3	57.9	277	41.2						
135	43.8	256	38.3	47.3	262	42.5	55.8	274	39.3						
140	41.2	250	37.5	44.9	257	41.6	53.6	270	37.5						
145	38.4	244	36.7	42.3	252	39.8	51.4	266	35.8						
150	35.5	237	36.1	39.6	246	38.0	49.1	262	34.2						
155										57.0	268	28.4			
155	32.3	230	34.5	36.7	240	36.4	47.3	259	31.6	57.0	268	28.2			
160	29.6	223	18.2	33.7	232	35.0	44.8	254	30.4	55.2	265	27.1			
165	25.7	213	17.6	30.3	224	33.6	42.3	248	29.4	53.0	261	26.0			
170	21.2	201	16.9	27.4	217	19.6	39.6	242	28.4	50.8	257	25.0			
175				23.2	206	18.9	36.7	236	27.6	48.4	253	24.0			
180				18.1	192	18.1	33.6	229	26.5	46.0	248	23.0			
185							30.2	220	25.2	43.5	243	22.1			
190							26.4	211	23.9	40.9	237	21.3			
195							22.1	199	22.6	38.1	231	20.5			
200							16.6	184	21.2	35.1	224	19.7			
205										31.9	216	19.0			
210										28.3	207	18.3			
215										24.3	197	17.7			
220										19.4	184	17.0			
235													37.0	201	10.3
235													37.0	201	10.3
240													34.4	195	9.9
245													31.1	187	9.5
250													27.5	178	9.2
255													23.3	167	8.8
260													18.2	153	8.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	42.2									
95	63.4	298	40.2	66.0	301	41.7									
100	61.5	296	39.8	64.2	299	41.2									
105	59.6	293	39.1	62.3	296	40.9									
110	57.6	290	38.4	60.4	293	40.4									
111							67.0	299	40.1						
115	55.7	286	37.8	58.5	290	39.9	65.5	297	40.1						
120	53.6	283	37.3	56.5	287	39.4	63.7	294	40.1						
125	51.5	279	36.9	54.5	284	39.0	61.8	292	39.7						
130	49.4	274	36.3	52.4	280	38.6	59.9	289	39.4						
135	47.1	270	35.7	50.3	276	38.2	58.0	286	38.9						
140	44.8	265	35.0	48.1	271	37.6	56.0	283	37.1						
145	42.4	260	34.4	45.8	266	37.0	54.0	279	35.4						
150	39.9	254	33.9	43.4	261	36.5	51.9	275	33.8						
155	37.2	247	33.4	41.0	256	36.0	50.3	272	32.3						
160										57.0	276	26.7			
160	35.0	242	19.0	38.3	249	34.7	48.1	267	31.1	57.0	276	26.5			
165	31.9	234	18.3	35.5	243	33.3	45.8	263	29.8	55.4	273	25.6			
170	28.6	225	17.6	33.3	237	20.4	43.4	257	28.6	53.4	270	24.5			
175	24.8	215	16.9	30.1	228	19.5	40.9	252	27.5	51.3	266	23.5			
180	20.4	203	16.2	26.5	219	18.6	38.3	246	26.5	49.1	261	22.6			
185				22.4	207	17.7	35.5	239	25.5	46.9	257	21.7			
190				17.4	193	16.8	32.5	231	24.5	44.5	252	20.9			
195							29.2	223	23.6	42.1	246	20.1			
200							25.5	213	22.3	39.6	240	19.3			
205							21.2	201	20.7	36.9	234	18.6			
210										34.0	227	17.9			
215										30.8	219	17.3			
220										27.4	209	16.7			
225										23.4	198	16.1			
230										18.7	185	15.5			
243													37.0	207	9.2
245													36.2	205	9.1
250													33.3	198	8.7
255													30.1	190	8.4
260													26.5	180	8.0
265													22.5	169	7.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	36.0									
105	61.4	304	34.9	63.9	307	35.6									
110	59.6	301	34.4	62.1	305	35.3									
115							67.0	308	34.8						
115	57.7	298	33.9	60.4	302	34.8	66.9	308	34.8						
120	55.9	295	33.5	58.5	299	34.4	65.2	305	34.8						
125	53.9	291	33.2	56.7	296	33.9	63.5	303	34.7						
130	52.4	288	28.1	54.8	292	33.5	61.7	300	34.3						
135	50.4	284	27.5	52.8	288	33.2	59.9	297	33.9						
140	48.4	280	25.9	51.3	285	29.1	58.1	294	33.6						
145	46.2	275	24.4	49.2	281	27.7	56.2	291	33.2						
150	44.0	270	23.0	47.1	276	26.3	54.7	288	30.4						
155	41.7	264	21.7	44.9	271	25.0	52.8	285	30.0						
160	39.2	258	20.5	42.7	266	23.8	50.8	281	29.6						
165	36.6	252	19.4	40.3	260	22.7	48.7	276	29.1						
165										57.0	284	25.0			
170	33.9	245	18.5	37.8	254	21.6	46.6	272	28.4	55.7	282	24.2			
175	30.9	236	17.7	35.1	247	20.7	44.4	267	27.3	53.7	278	23.2			
180	27.7	227	17.0	32.2	239	19.7	42.1	261	26.2	51.8	274	22.3			
185	24.0	217	16.2	29.1	231	18.7	39.6	255	25.2	49.7	270	21.4			
190	19.7	204	15.4	25.6	221	17.6	37.1	249	24.3	47.6	266	20.6			
195				21.6	209	16.6	34.4	242	23.4	45.4	261	19.8			
200				16.7	194	15.5	31.5	234	22.5	43.2	256	19.1			
205							28.3	225	21.7	40.8	250	18.4			
210							24.7	214	20.6	38.3	244	17.7			
215							20.5	202	18.9	35.7	237	17.0			
220										32.9	229	16.4			
225										29.8	221	15.8			
230										26.5	211	15.2			
235										22.6	200	14.7			
250													37.0	213	8.3
255													35.1	208	8.1
260													32.3	200	7.7
265													29.1	192	7.4
270													25.7	182	7.1
275													21.7	170	6.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.5									
119							67.0	317	28.2						
120	58.2	307	26.9	60.7	311	28.1	66.9	317	28.2						
125	56.5	304	26.3	59.0	308	27.5	65.3	315	28.2						
130	54.7	301	25.8	57.2	305	27.1	63.7	312	28.2						
135	52.8	297	25.3	55.4	301	26.6	62.0	309	27.9						
140	50.9	293	24.9	53.6	298	26.2	60.3	307	27.6						
145	49.0	288	23.9	51.7	294	25.9	58.5	304	27.5						
150	47.0	284	22.9	49.8	290	25.1	56.8	300	27.1						
155	44.9	279	21.9	47.8	285	24.1	55.0	297	26.7						
160	42.7	274	21.0	45.8	280	23.2	53.1	293	26.4						
165	40.4	268	20.2	43.6	275	22.3	51.2	289	26.1						
170	38.1	262	19.4	41.4	270	21.5	49.3	285	25.8						
171										57.0	293	23.4			
175	35.6	255	18.7	39.1	264	20.7	47.3	280	25.3	55.9	290	22.8			
180	32.9	247	17.9	36.7	257	20.0	45.2	275	24.9	54.0	287	21.9			
185	30.0	239	17.1	34.1	250	19.3	43.1	270	24.6	52.2	283	21.0			
190	26.8	229	16.3	31.3	242	18.4	40.8	265	23.9	50.3	279	20.2			
195	23.2	218	15.5	28.2	233	17.5	38.5	258	23.0	48.3	274	19.4			
200	19.0	205	14.7	24.8	223	16.7	36.0	252	22.2	46.2	270	18.7			
205				20.9	210	15.8	33.4	244	21.4	44.1	265	18.0			
210							30.5	236	20.6	41.9	259	17.3			
215							27.4	227	19.9	39.6	253	16.6			
220							23.9	216	19.2	37.2	247	16.0			
225							19.8	203	18.2	34.7	240	15.4			
230										31.9	232	14.9			
235										28.9	223	14.3			
240										25.6	213	13.8			
245										21.9	202	13.3			
258													37.0	219	7.3
260													36.7	218	7.3
265													34.1	211	7.0
270													31.3	203	6.7
275													28.3	194	6.4
280													24.9	184	6.1
285													21.0	171	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

133

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	24.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	24.1						
130	56.6	313	23.1	59.0	316	23.8	65.0	323	24.1						
135	54.9	309	22.7	57.3	313	23.4	63.5	321	24.0						
140	53.2	305	22.5	55.6	310	23.1	61.9	318	23.8						
145	51.4	301	22.2	53.9	306	22.9	60.2	315	23.6						
150	49.5	297	21.7	52.1	302	22.7	58.6	312	23.5						
155	47.6	293	21.1	50.3	298	22.2	56.9	309	23.2						
160	45.7	288	20.6	48.4	294	21.6	55.2	305	23.0						
165	43.6	283	20.0	46.5	289	21.1	53.5	302	22.7						
170	41.5	277	19.5	44.5	284	20.5	51.7	298	22.5						
175	39.3	271	19.0	42.4	279	20.0	49.8	294	22.3						
176										57.0	301	21.6			
180	37.0	265	18.6	40.3	273	19.5	48.0	289	22.0	56.0	299	21.5			
185	34.6	258	18.2	38.0	267	19.1	46.0	284	21.8	54.3	295	20.6			
190	32.0	250	17.3	35.6	260	18.7	44.0	279	21.5	52.5	292	19.8			
195	29.1	241	16.5	33.1	252	18.0	41.9	274	21.2	50.7	288	19.0			
200	26.0	231	15.7	30.4	244	17.2	39.7	268	21.0	48.9	283	18.3			
205	22.5	220	14.8	27.4	235	16.5	37.4	261	20.8	46.9	279	17.6			
210	18.4	206	14.0	24.1	224	15.8	35.0	255	20.3	45.0	274	16.9			
215				20.3	212	15.0	32.4	247	19.5	42.9	268	16.2			
220							29.7	238	18.8	40.8	263	15.6			
225							26.6	229	18.2	38.5	256	15.1			
230							23.2	218	17.5	36.2	250	14.5			
235							19.2	204	16.9	33.7	242	14.0			
240										31.0	234	13.5			
245										28.1	225	13.0			
250										24.9	215	12.5			
255										21.2	203	12.0			
266													37.0	225	6.4
270													35.7	221	6.2
275													33.1	214	5.9
280													30.4	205	5.6
285													27.4	196	5.4
290													24.1	185	5.1
295													20.3	173	4.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	158.8												
40	70.3	215	158.8												
43				75.0	216	158.8									
45	65.5	213	154.7	72.7	215	158.8									
50	60.5	210	148.1	68.0	213	156.4									
55	55.2	206	138.1	63.2	211	138.1									
60	49.6	202	124.9	58.1	208	123.6									
65	43.4	197	114.9	52.6	204	111.7									
70	36.3	191	105.0	46.7	199	101.9									
71							67.0	209	91.4						
75	27.5	182	88.6	40.2	194	93.5	63.3	207	85.6						
80				32.4	186	86.3	58.1	204	79.1						
85				22.3	176	80.0	52.7	200	73.4						
90							46.8	195	68.5						
95							40.3	190	64.1						
100							32.6	183	60.1						
105							25.2	175	33.0						
105										57.0	194	50.2			
110										51.6	190	47.5			
115										45.6	186	44.9			
120										38.9	180	42.6			
125										30.8	172	40.5			
130										19.9	161	38.4			
163													37.0	149	21.8
165													35.7	148	21.6
170													26.8	139	20.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>76 ft luffing jib</b> <b>142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.8												
40	73.0	225	145.0												
45	68.9	223	142.8												
45				75.0	225	144.9									
50	64.7	221	137.7	71.1	224	144.3									
55	60.4	218	132.7	66.9	222	137.9									
60	55.8	215	122.1	62.7	219	123.4									
65	51.0	211	115.1	58.2	216	111.5									
70	45.8	206	104.9	53.6	212	101.7									
75	40.0	201	94.2	48.6	208	93.3	67.0	218	85.2						
80	33.4	193	88.9	43.1	203	86.2	62.8	215	78.7						
85	25.2	184	79.3	37.0	197	80.0	58.3	212	73.1						
90				29.8	189	74.5	53.7	209	68.1						
95				20.2	177	69.7	48.7	204	63.8						
100							43.2	199	59.9						
105							37.1	193	56.4						
110							29.9	185	53.2						
111										57.0	202	46.8			
115							23.0	177	33.0	52.7	199	44.5			
120										47.6	195	42.2			
125										42.1	189	40.1			
130										35.8	183	38.2			
135										28.3	174	36.4			
140										20.9	165	33.0			
171													37.0	155	20.0
175													32.9	150	19.5
180													24.5	140	18.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	129.9												
45	71.4	234	128.4												
48				75.0	235	129.1									
50	67.8	232	126.2	73.3	234	129.0									
55	64.1	230	123.3	69.8	232	127.7									
60	60.3	227	120.0	66.1	230	123.0									
65	56.2	223	113.3	62.3	228	111.2									
70	52.0	220	104.8	58.4	224	101.4									
75	47.5	215	94.0	54.3	221	93.1									
79							67.0	227	79.7						
80	42.7	210	88.8	49.9	217	85.9	66.2	226	78.3						
85	37.3	204	82.4	45.3	212	79.8	62.4	224	72.7						
90	31.1	196	76.8	40.2	206	74.4	58.5	221	67.7						
95	23.3	185	67.9	34.5	199	69.6	54.4	217	63.4						
100				27.7	191	63.5	50.0	213	59.5						
105							45.4	208	56.1						
110							40.3	203	52.9						
115							34.6	196	50.1						
116										57.0	211	43.7			
120							27.8	187	47.5	53.5	208	41.8			
125										49.1	203	39.7			
130										44.4	198	37.8			
135										39.2	193	36.0			
140										33.4	185	34.4			
145										28.1	179	32.9			
150										19.2	166	31.4			
179													37.0	161	18.3
180													36.8	161	18.3
185													30.6	153	17.6
190													22.6	142	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	114.5												
50	70.2	243	112.8												
50				75.0	244	114.4									
55	67.0	240	110.8	71.9	243	114.2									
60	63.6	238	108.2	68.7	241	112.4									
65	60.2	235	105.4	65.4	239	109.6									
70	56.6	232	100.3	62.0	236	101.2									
75	52.8	228	94.8	58.5	233	92.9									
80	48.9	224	88.7	54.8	230	85.8									
83							67.0	236	74.9						
85	44.7	219	82.3	51.0	226	79.6	65.5	235	72.4						
90	40.1	213	76.8	46.9	221	74.2	62.1	232	67.5						
95	35.0	207	71.8	42.6	216	69.5	58.6	229	63.2						
100	29.1	198	66.9	37.8	210	64.8	54.9	226	59.3						
105	21.7	187	55.6	32.3	202	61.4	51.1	222	55.9						
110				25.9	193	58.0	47.0	217	52.8						
115							42.6	212	49.9						
120							37.8	206	47.4						
121										57.0	219	41.0			
125							32.4	198	45.0	54.2	216	39.5			
130							26.0	189	42.8	50.3	212	37.6			
135										46.2	207	35.8			
140										41.7	202	34.2			
145										38.0	197	32.7			
150										32.6	190	31.3			
155										26.3	181	30.0			
160										17.7	167	28.7			
187													37.0	167	17.0
190													34.6	163	16.7
195													28.6	155	16.0
200													21.1	143	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	101.9												
53				75.0	254	102.4									
55	69.3	251	100.5	73.7	253	102.3									
60	66.3	249	98.1	70.8	251	101.5									
65	63.2	246	94.2	67.9	249	99.9									
70	60.1	244	92.3	64.9	247	97.4									
75	56.9	240	88.9	61.8	244	92.6									
80	53.5	237	86.1	58.6	241	85.5									
85	50.0	233	82.1	55.3	238	79.3									
87							67.0	245	70.4						
90	46.2	228	76.5	51.9	234	74.0	64.9	243	67.1						
95	42.2	223	71.6	48.2	230	69.2	61.8	241	62.8						
100	37.9	216	67.3	44.4	225	63.7	58.7	238	58.9						
105	33.0	209	55.0	40.2	219	61.2	55.4	234	55.5						
110	27.4	200	52.2	35.7	212	57.8	51.9	230	52.4						
115	22.2	191	27.7	30.5	204	54.7	48.3	226	49.6						
120				24.3	194	51.9	44.4	221	47.0						
125							40.3	215	44.7						
127										57.0	227	38.4			
130							35.8	209	42.5	54.7	225	37.1			
135							30.6	201	40.5	51.2	221	35.4			
140							24.5	191	38.7	47.6	216	33.8			
145										44.6	213	32.3			
150										40.5	207	30.9			
155										35.9	200	29.6			
160										30.8	192	28.4			
165										24.7	182	27.2			
170										16.5	168	26.1			
194													37.0	173	15.6
195													37.0	173	15.5
200													32.7	166	15.0
205													27.0	157	14.4

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>142</b>
<b>counterweight [1000 lbs]:</b>	<b>188.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>79.4</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	89.2												
55				75.0	263	89.9									
60	68.4	260	87.9	72.5	262	89.8									
65	65.7	258	85.6	69.9	260	89.0									
70	62.9	255	83.7	67.2	258	87.8									
75	60.1	252	81.7	64.4	256	85.6									
80	57.1	249	79.2	61.6	253	83.9									
85	54.0	245	77.1	58.7	250	79.0									
90	50.8	241	75.4	55.7	247	73.7									
90							67.0	254	66.3						
95	47.5	237	71.4	52.5	243	68.9	64.5	252	62.3						
100	43.9	232	67.0	49.3	239	64.0	61.6	249	58.5						
105	40.1	226	54.6	45.8	234	60.9	58.7	246	55.1						
110	36.0	219	51.9	42.2	228	57.5	55.7	243	52.0						
115	31.3	212	49.3	38.2	222	54.5	52.6	239	49.2						
120	26.0	202	46.8	33.9	215	51.6	49.3	235	46.7						
125	20.9	193	24.6	28.9	207	49.1	45.9	230	44.3						
130				23.0	196	46.7	42.2	225	42.2						
132										57.0	235	36.0			
135							38.3	219	40.2	55.1	233	34.9			
140							33.9	211	38.4	52.0	229	33.3			
145							29.0	203	36.7	49.5	226	31.9			
150							23.1	192	35.1	46.0	221	30.5			
155										42.4	216	29.2			
160										38.4	210	28.0			
165										34.1	203	26.9			
170										29.2	194	25.8			
175										23.4	184	24.8			
202													37.0	179	14.1
205													35.7	176	14.0
210													31.0	168	13.4
215													25.5	159	12.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	80.6									
60	70.2	270	79.3	73.9	272	80.6									
65	67.8	268	78.0	71.5	271	80.4									
70	65.2	266	76.1	69.1	269	79.5									
75	62.7	263	74.7	66.6	267	78.3									
80	60.0	261	73.1	64.0	264	76.6									
85	57.3	257	71.3	61.4	261	75.4									
90	54.5	254	69.7	58.7	258	73.4									
94							67.0	263	62.7						
95	51.6	250	68.3	56.0	255	68.7	66.6	263	62.1						
100	48.5	246	66.0	53.1	251	64.2	64.1	260	58.2						
105	45.3	241	54.2	50.1	247	60.7	61.5	258	54.8						
110	41.9	235	51.5	47.0	243	57.3	58.8	255	51.7						
115	38.3	229	49.1	43.8	238	54.3	56.0	251	48.9						
120	34.3	222	47.1	40.3	232	51.5	53.2	248	46.4						
125	29.9	214	44.7	36.5	225	48.9	50.2	243	44.1						
130	24.7	204	42.3	32.3	218	46.6	47.1	239	42.0						
135	19.8	194	22.0	27.5	209	44.4	43.8	234	40.0						
137										57.0	244	33.9			
140				21.8	197	42.4	40.3	228	38.2	56.1	243	33.0			
145							36.5	222	36.5	53.3	239	31.6			
150							32.4	214	34.9	50.3	235	30.2			
155							27.6	205	33.5	47.2	230	29.0			
160							23.4	197	29.6	43.9	225	27.8			
165										40.4	220	26.6			
170										36.7	213	25.6			
175										32.5	206	24.6			
180										27.8	197	23.6			
185										22.2	185	22.7			
210													37.0	184	13.0
215													34.0	179	12.7
220													29.5	171	12.2
225													24.3	160	11.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	71.0									
65	69.5	279	69.3	72.9	281	70.9									
70	67.2	277	68.0	70.7	279	70.5									
75	64.8	275	66.5	68.4	277	69.4									
80	62.4	272	61.0	66.1	275	68.1									
85	60.0	269	59.4	63.7	273	66.8									
90	57.5	266	57.5	61.3	270	65.9									
95	54.9	262	55.8	58.8	267	61.5									
98							67.0	272	59.2						
100	52.2	259	54.4	56.2	264	60.2	66.1	271	57.8						
105	49.4	254	52.7	53.6	260	59.1	63.7	269	54.4						
110	46.5	250	50.1	50.9	256	57.0	61.3	266	51.3						
115	43.4	245	47.8	48.0	252	54.0	58.8	263	48.5						
120	40.2	239	45.6	45.1	247	51.2	56.3	260	46.0						
125	36.7	232	43.7	41.9	241	48.5	53.7	256	43.7						
130	32.8	225	41.9	38.5	235	45.8	50.9	252	41.6						
135	28.5	216	39.7	34.9	228	43.6	48.1	248	39.6						
140	23.5	205	37.6	30.9	220	41.7	45.1	243	37.8						
143										57.0	252	31.5			
145				26.3	211	39.8	42.0	237	36.2	56.4	251	31.2			
150				20.8	199	37.9	38.6	231	34.6	53.8	248	29.8			
155							35.0	224	33.2	51.0	244	28.5			
160							31.9	218	30.6	48.2	239	27.3			
165							27.5	209	29.0	45.2	234	26.2			
170							22.3	198	27.4	42.1	229	25.2			
175										38.7	223	24.2			
180										35.1	216	23.3			
185										31.1	208	22.4			
190										26.6	199	21.5			
195										21.1	187	20.7			
218													37.0	190	11.8
220													36.4	189	11.7
225													32.5	182	11.3
230													28.2	173	10.8
235													23.1	162	10.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom                      144 ft luffing jib                      142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	61.0									
75	66.7	285	57.2	69.9	288	60.0									
80	64.5	283	55.9	67.8	286	58.9									
85	62.2	280	54.9	65.6	284	57.6									
90	59.9	278	53.6	63.4	281	56.5									
95	57.6	274	52.1	61.2	278	55.7									
100	55.2	271	50.7	58.8	275	54.5									
102							67.0	281	56.0						
105	52.7	267	49.6	56.5	272	53.4	65.7	280	54.0						
110	50.1	263	48.5	54.0	269	52.5	63.4	277	50.9						
115	47.5	259	46.4	51.5	265	51.7	61.2	275	48.1						
120	44.7	254	44.4	48.9	260	49.5	58.9	272	45.6						
125	41.7	248	42.6	46.2	256	46.8	56.5	268	43.3						
130	38.6	242	40.9	43.3	250	44.3	54.1	265	41.2						
135	35.2	235	39.4	40.3	245	42.1	51.5	261	39.3						
140	31.5	227	37.7	37.0	238	40.0	48.9	256	37.5						
145	27.4	218	35.7	33.5	231	38.5	46.2	252	35.8						
148										57.0	260	29.6			
150	22.5	207	33.7	29.6	222	37.1	43.3	247	34.3	56.6	260	29.3			
155				25.2	212	35.6	41.0	242	29.7	54.2	256	28.1			
160				19.8	200	34.1	37.9	236	28.9	51.6	252	26.9			
165							34.4	229	28.0	49.0	248	25.8			
170							30.6	221	26.8	46.3	243	24.8			
175							26.4	211	25.7	43.5	238	23.8			
180							21.3	199	24.5	40.4	232	22.9			
185										37.2	226	22.0			
190										33.7	219	21.2			
195										29.9	210	20.4			
200										25.4	200	19.6			
205										20.1	188	18.9			
226													37.0	196	10.6
230													35.0	192	10.4
235													31.2	184	10.0
240													27.0	175	9.6
245													22.1	163	9.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	53.4									
80	66.2	294	50.0	69.3	296	52.8									
85	64.1	292	49.1	67.3	294	52.1									
90	62.0	289	48.3	65.2	292	51.2									
95	59.9	286	47.2	63.2	290	50.5									
100	57.7	283	46.0	61.0	287	49.9									
105	55.5	280	44.9	58.9	284	49.1									
106							67.0	290	50.1						
110	53.2	276	44.0	56.7	281	48.3	65.3	288	50.1						
115	50.8	272	43.2	54.4	277	47.6	63.2	286	47.9						
120	48.3	267	41.8	52.0	273	46.9	61.1	283	45.3						
125	45.7	263	40.4	49.6	269	45.9	58.9	280	43.0						
130	43.0	257	39.0	47.1	264	44.3	56.7	277	40.9						
135	40.2	252	37.8	44.5	259	42.7	54.4	273	39.0						
140	37.2	245	36.7	41.7	254	41.3	52.1	269	37.2						
145	33.9	238	35.6	38.8	248	39.8	49.7	265	35.5						
150	30.3	230	34.0	35.7	241	38.1	47.1	261	34.0						
153										57.0	268	27.9			
155	27.3	223	18.4	32.3	233	36.5	45.1	257	29.9	56.8	268	27.8			
160	22.8	211	17.7	28.5	225	35.0	42.4	251	28.4	54.5	265	26.6			
165				24.2	214	33.3	39.5	246	27.1	52.2	261	25.5			
170				20.3	204	18.7	36.5	239	25.9	49.8	257	24.5			
175							33.1	232	25.0	47.2	252	23.5			
180							29.5	223	24.0	44.6	247	22.6			
185							25.3	213	23.0	41.9	242	21.7			
190							20.4	201	22.0	39.0	236	20.9			
195										35.8	229	20.1			
200										32.5	221	19.4			
205										28.7	213	18.7			
210										24.4	202	18.0			
215										19.3	189	17.3			
234													37.0	202	9.7
235													36.9	202	9.7
240													33.7	195	9.3
245													30.0	186	8.9
250													26.0	177	8.6
255													21.2	165	8.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.3									
85	65.8	302	44.3	68.7	305	47.1									
90	63.9	300	43.6	66.8	303	46.7									
95	61.9	297	43.0	64.9	301	46.2									
100	59.9	295	42.0	62.9	298	45.7									
105	57.8	291	41.1	60.9	295	45.3									
110							67.0	299	44.7						
110	55.7	288	40.2	58.9	292	44.6	66.9	299	44.7						
115	53.6	284	39.4	56.8	289	44.1	64.9	297	44.6						
120	51.3	280	38.7	54.7	286	43.5	63.0	294	44.5						
125	49.0	276	37.9	52.5	282	43.1	61.0	291	42.6						
130	46.6	272	36.9	50.3	278	42.6	58.9	289	40.5						
135	44.2	266	35.9	47.9	273	41.8	56.9	285	38.6						
140	41.6	261	35.1	45.5	268	41.0	54.7	282	36.8						
145	38.8	255	34.3	42.9	263	39.5	52.6	278	35.2						
150	35.9	248	33.5	40.3	257	37.8	50.3	274	33.6						
155	33.5	242	18.5	37.4	251	36.2	48.5	271	30.1						
159										57.0	277	26.2			
160	30.1	234	17.7	34.4	244	34.7	46.1	266	28.5	56.9	277	26.2			
165	26.3	224	16.9	31.1	236	33.3	43.6	261	27.0	54.8	273	25.1			
170	21.9	213	16.2	28.4	229	18.6	41.0	255	25.6	52.6	269	24.0			
175				24.3	219	17.8	38.2	249	24.4	50.4	265	23.1			
180				19.5	206	17.0	35.2	242	23.3	48.0	261	22.2			
185							32.0	234	22.5	45.6	256	21.3			
190							28.4	225	21.7	43.1	251	20.5			
195							24.4	215	20.9	40.4	245	19.7			
200							19.6	202	20.0	37.6	239	19.0			
205										34.6	232	18.3			
210										31.3	224	17.6			
215										27.7	215	17.0			
220										23.5	204	16.4			
225										18.5	190	15.7			
242													37.0	208	8.7
245													35.7	205	8.5
250													32.5	197	8.1
255													29.0	189	7.8
260													25.0	179	7.5
265													20.3	166	7.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	41.1									
95	63.6	309	38.8	66.4	311	40.7									
100	61.8	306	38.4	64.6	309	40.2									
105	59.9	303	37.7	62.7	307	39.8									
110	57.9	300	37.0	60.9	304	39.4									
114							67.0	308	39.0						
115	55.9	297	36.4	58.9	301	38.9	66.4	308	38.9						
120	53.9	293	35.9	57.0	298	38.4	64.6	305	38.9						
125	51.8	289	35.4	55.0	294	37.9	62.8	303	38.8						
130	49.7	285	34.9	52.9	290	37.5	60.9	300	38.4						
135	47.4	280	34.2	50.8	286	37.2	59.0	297	38.1						
140	45.1	275	33.5	48.6	282	36.6	57.0	294	36.4						
145	43.3	271	32.7	46.4	277	36.1	55.0	290	34.8						
150	40.8	266	31.8	44.0	272	35.6	53.0	287	33.2						
155	38.2	259	30.8	41.6	267	35.1	51.3	284	30.4						
160	35.4	253	30.0	39.0	261	34.4	49.2	279	29.6						
164										57.0	285	24.8			
165	32.4	245	30.0	36.2	254	33.1	46.9	275	28.5	57.0	285	24.6			
170	29.1	236	29.0	34.0	248	32.5	44.6	270	27.5	55.1	282	23.6			
175	25.4	226	28.0	30.9	240	31.8	42.2	264	26.5	53.0	278	22.6			
180	21.1	214	27.0	27.4	231	31.1	39.6	258	25.6	50.9	274	21.7			
185				23.4	220	30.4	36.9	252	24.9	48.7	270	20.9			
190				18.7	207	29.7	34.0	245	23.9	46.5	265	20.1			
195							30.9	237	22.5	44.1	260	19.3			
200							27.5	227	21.2	41.7	254	18.6			
205							23.5	216	19.9	39.1	248	17.9			
210										36.4	242	17.2			
215										33.4	234	16.6			
220										30.3	226	16.0			
225										26.7	217	15.4			
230										22.7	205	14.8			
235										17.7	191	14.3			
250													37.0	214	7.7
250													37.0	214	7.6
255													34.5	208	7.4
260													31.4	200	7.0
265													28.0	191	6.7
270													24.1	180	6.4
275													19.6	167	6.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	35.8									
105	61.6	314	34.6	64.3	318	35.3									
110	59.8	311	34.1	62.6	315	35.0									
115	58.0	308	33.7	60.8	312	34.6									
117							67.0	317	34.3						
120	56.1	305	33.3	59.0	309	34.1	66.1	316	34.3						
125	54.7	302	28.3	57.1	306	33.7	64.4	314	34.3						
130	52.7	299	27.5	55.2	303	33.3	62.6	311	34.1						
135	50.7	295	26.8	53.8	300	29.1	60.8	308	33.7						
140	48.6	290	25.1	51.8	296	28.6	59.0	305	33.3						
145	46.5	286	23.4	49.7	292	27.1	57.6	303	30.7						
150	44.3	280	21.7	47.6	287	25.2	55.7	300	30.2						
155	42.0	275	20.2	45.5	282	23.5	53.8	296	29.7						
160	39.6	269	18.7	43.2	277	21.8	51.8	292	29.3						
165	37.0	263	17.5	40.9	272	20.2	49.8	288	28.8						
169										57.0	293	23.4			
170	34.3	255	16.5	38.4	265	18.8	47.7	283	27.8	57.0	293	23.2			
175	31.4	247	16.1	35.7	259	17.6	45.5	279	26.7	55.3	290	22.3			
180	28.1	238	15.7	32.9	251	17.1	43.3	273	25.7	53.4	287	21.4			
185	24.5	228	15.2	29.9	243	16.5	40.9	268	24.7	51.4	283	20.6			
190	20.3	216	14.8	26.5	233	16.0	38.4	262	23.8	49.4	278	19.8			
195				22.7	222	15.4	35.8	255	22.9	47.3	274	19.0			
200				18.0	208	14.8	33.0	247	22.1	45.1	269	18.3			
205							29.9	239	21.3	42.8	264	17.6			
210							26.6	229	20.5	40.4	258	16.9			
215							22.7	218	18.9	37.9	252	16.3			
220										35.3	245	15.7			
225										32.4	237	15.1			
230										29.3	228	14.6			
235										25.9	219	14.1			
240										21.9	207	13.5			
245										17.1	192	13.0			
257													37.0	220	6.8
260													36.2	218	6.7
265													33.4	210	6.4
270													30.4	202	6.1
275													27.1	193	5.8
280													23.3	182	5.5
285													18.9	168	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	27.5									
121							67.0	326	27.5						
125	56.7	314	25.6	59.4	319	27.0	66.1	325	27.5						
130	54.9	311	25.0	57.7	315	26.5	64.5	323	27.5						
135	53.1	307	24.5	55.9	312	26.0	62.8	320	27.3						
140	51.2	303	24.1	54.1	308	25.6	61.1	318	27.0						
145	49.2	299	23.1	52.2	305	25.2	59.4	315	26.8						
150	47.2	294	21.9	50.3	300	24.5	57.7	312	26.6						
155	45.2	289	20.8	48.3	296	23.3	55.9	308	26.2						
160	43.0	284	19.7	46.3	291	22.2	54.1	305	25.8						
165	40.8	278	18.7	44.2	286	21.1	52.2	301	25.5						
170	38.4	272	17.8	42.0	281	20.1	50.3	297	25.2						
175										57.0	302	21.9			
175	35.9	266	17.0	39.7	275	19.1	48.3	292	24.8	57.0	302	21.7			
180	33.3	258	16.3	37.3	268	18.3	46.3	288	24.3	55.6	299	21.0			
185	30.4	250	15.7	34.7	261	17.5	44.2	282	23.9	53.7	295	20.2			
190	27.3	241	15.1	32.0	254	16.8	42.0	277	23.4	51.8	291	19.4			
195	23.8	230	14.5	29.0	245	16.0	39.7	271	22.6	49.9	287	18.6			
200	19.6	217	13.9	25.7	235	15.3	37.3	265	21.7	47.9	283	17.9			
205				21.9	223	14.5	34.7	258	20.9	45.9	278	17.2			
210							32.0	250	20.2	43.8	273	16.5			
215							29.0	241	19.5	41.6	267	15.9			
220							25.7	231	18.8	39.2	261	15.3			
225							22.0	220	17.9	36.8	255	14.8			
230										34.2	247	14.2			
235										31.4	239	13.7			
240										28.4	231	13.2			
245										25.0	220	12.7			
250										21.2	208	12.2			
255										16.4	193	11.8			
265													37.0	226	5.9
270													35.1	221	5.7
275													32.4	213	5.4
280													29.5	205	5.1
285													26.3	195	4.9
290													22.6	183	4.6
295													18.2	170	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.6	65.8	334	23.9						
135	55.1	319	22.3	57.7	324	23.3	64.3	331	23.9						
140	53.4	316	22.0	56.1	321	23.0	62.7	329	23.7						
145	51.6	312	21.7	54.3	317	22.7	61.1	326	23.5						
150	49.8	308	21.2	52.6	313	22.5	59.4	323	23.3						
155	47.9	303	20.4	50.7	309	22.1	57.8	320	23.1						
160	45.9	298	19.7	48.9	305	21.5	56.1	317	22.9						
165	43.9	293	19.1	47.0	300	20.8	54.4	313	22.6						
170	41.8	288	18.4	45.0	295	20.2	52.6	309	22.4						
175	39.6	282	17.8	42.9	290	19.6	50.8	305	22.2						
180	37.3	275	17.3	40.8	284	19.1	48.9	301	22.0						
180										57.0	310	20.3			
185	34.9	268	16.8	38.6	278	18.6	47.0	296	21.6	55.7	307	19.7			
190	32.3	261	16.1	36.2	271	18.1	45.0	291	21.3	54.0	304	18.9			
195	29.5	252	15.3	33.7	264	17.3	43.0	286	21.0	52.2	300	18.2			
200	26.5	243	14.6	31.0	256	16.4	40.8	280	20.7	50.4	296	17.5			
205	23.0	231	13.8	28.1	247	15.6	38.6	274	20.5	48.5	291	16.8			
210	19.0	218	13.1	24.9	237	14.7	36.3	268	19.8	46.6	287	16.1			
215				21.2	225	13.8	33.8	260	19.1	44.6	282	15.5			
220							31.1	252	18.4	42.6	276	14.9			
225							28.2	243	17.8	40.4	271	14.4			
230							25.0	233	17.2	38.2	264	13.8			
235							21.3	221	16.5	35.8	258	13.3			
240										33.3	250	12.8			
245										30.5	242	12.3			
250										27.6	233	11.9			
255										24.3	222	11.4			
260										20.5	210	11.0			
265										15.8	194	10.6			
273													37.0	232	5.0
275													36.6	231	5.0
280													34.1	224	4.7
285													31.5	216	4.4
290													28.6	207	4.2
295													25.5	197	3.9
300													21.9	185	3.7
305													17.6	171	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

152

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>66 ft luffing jib</b> <b>152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	128.3												
44				75.0	226	128.3									
45	66.2	223	128.3	73.8	225	128.3									
50	61.2	220	128.3	69.2	223	128.3									
55	56.0	217	125.8	64.4	221	128.3									
60	50.4	213	123.9	59.3	218	123.0									
65	44.3	208	114.8	54.0	215	111.2									
70	37.3	202	104.9	48.2	210	101.4									
74							67.0	218	86.2						
75	28.9	193	90.4	41.8	205	93.1	65.8	218	84.4						
80				34.4	198	85.9	60.8	215	78.0						
85				25.1	189	79.7	55.5	211	72.4						
90							49.9	207	67.5						
95							43.7	202	63.1						
100							36.7	196	59.3						
105							28.1	188	55.8						
109										57.0	203	46.5			
110										56.2	203	46.1			
115										50.6	199	43.6			
120										44.5	194	41.4			
125										37.6	188	39.3			
130										29.3	179	37.4			
170													37.0	156	19.3
175													30.6	150	18.5
180													19.4	138	17.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	128.3												
45	69.5	233	128.3												
46				75.0	235	128.3									
50	65.3	231	127.5	72.0	234	128.3									
55	61.0	228	126.2	67.9	232	128.3									
60	56.5	225	118.8	63.7	229	122.8									
65	51.7	221	113.2	59.3	227	111.0									
70	46.5	217	104.8	54.7	223	101.2									
75	40.8	211	94.2	49.8	219	92.9									
78							67.0	227	80.6						
80	34.4	204	88.8	44.5	214	85.8	64.9	226	77.6						
85	26.5	195	81.5	38.6	208	79.6	60.6	223	72.0						
90				31.7	201	74.2	56.1	220	67.1						
95				22.9	190	69.4	51.3	216	62.8						
100							46.1	211	59.0						
105							40.3	206	55.5						
110							33.8	199	52.4						
115										57.0	211	43.3			
115							25.7	189	49.6	56.7	211	43.2			
120										51.9	207	40.9			
125										46.7	203	38.9			
130										41.1	197	37.0			
135										34.7	190	35.3			
140										26.9	181	33.6			
178													37.0	162	17.5
180													35.6	160	17.3
185													28.1	152	16.6
190													17.6	139	15.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>85 ft luffing jib</b> <b>152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	123.4												
45	71.9	244	121.6												
49				75.0	245	122.5									
50	68.3	242	119.2	74.2	244	122.5									
55	64.6	240	115.7	70.6	243	121.6									
60	60.8	237	112.7	67.0	240	119.3									
65	56.8	234	106.6	63.2	238	110.7									
70	52.6	230	101.8	59.3	235	100.9									
75	48.2	226	94.3	55.3	232	92.6									
80	43.4	221	88.7	51.0	228	85.5									
81							67.0	236	75.5						
85	38.1	214	82.3	46.4	223	79.4	64.3	235	71.6						
90	32.0	207	76.7	41.5	218	74.0	60.5	232	66.7						
95	24.5	197	69.0	35.9	211	69.2	56.5	229	62.4						
100				29.4	203	63.6	52.3	225	58.6						
105				23.3	195	32.4	47.8	220	55.2						
110							42.9	215	52.1						
115							37.6	209	49.3						
120							31.4	201	46.8	57.0	220	40.5			
125							23.8	191	44.4	52.8	216	38.5			
130										48.4	212	36.6			
135										43.6	206	34.9			
140										38.3	200	33.3			
145										33.8	195	31.9			
150										26.8	186	30.5			
186													37.0	168	16.0
190													33.2	163	15.5
195													26.0	154	14.9
200													16.0	139	14.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 95 ft luffing jib 152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	110.0												
50	70.7	253	108.0												
51				75.0	254	110.0									
55	67.4	251	105.8	72.7	253	109.8									
60	64.1	248	102.9	69.5	251	108.5									
65	60.7	245	100.5	66.2	249	106.3									
70	57.1	242	93.8	62.8	246	100.7									
75	53.4	239	91.4	59.4	244	92.4									
80	49.4	234	88.6	55.7	240	85.4									
85	45.3	230	82.2	51.9	236	79.2									
85							67.0	245	71.0						
90	40.7	224	76.6	47.9	232	73.9	63.8	243	66.5						
95	35.7	217	71.7	43.6	227	69.1	60.4	240	62.2						
100	30.0	209	67.3	39.0	221	64.5	56.8	237	58.4						
105	22.9	199	54.4	33.7	214	61.1	53.1	233	55.0						
110				27.6	205	57.7	49.1	229	51.9						
115				21.7	196	29.9	44.9	224	49.2						
120							40.3	219	46.6						
125							35.3	212	44.3						
125										57.0	228	38.1			
130							29.4	203	42.2	53.5	224	36.4			
135							22.2	193	40.2	49.6	220	34.7			
140										45.5	216	33.1			
145										42.0	211	31.7			
150										37.2	205	30.3			
155										31.7	197	29.0			
160										25.0	188	27.8			
194													37.0	174	14.7
195													36.7	173	14.7
200													31.1	165	14.1
205													24.3	155	13.6

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>188.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>79.4</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	95.9												
54				75.0	264	97.5									
55	69.7	261	94.5	74.4	263	97.4									
60	66.7	259	92.1	71.5	262	96.4									
65	63.7	257	89.6	68.6	260	95.3									
70	60.5	254	87.5	65.6	257	93.2									
75	57.3	251	84.3	62.5	255	91.1									
80	54.0	247	81.5	59.4	252	85.1									
85	50.5	243	79.4	56.1	249	78.9									
89							67.0	254	66.9						
90	46.8	239	75.5	52.7	245	73.6	66.5	254	66.0						
95	42.8	233	71.5	49.1	241	68.9	63.4	252	61.8						
100	38.5	227	67.2	45.3	236	62.8	60.3	249	58.0						
105	33.7	220	53.8	41.3	230	60.9	57.1	246	54.6						
110	28.3	211	50.7	36.8	224	57.5	53.7	242	51.5						
115	21.5	200	47.5	31.8	216	54.4	50.2	238	48.8						
120				25.9	207	51.6	46.4	233	46.3						
125							42.5	228	44.0						
130							38.1	222	41.9						
131										57.0	236	35.6			
135							33.3	214	39.9	54.1	233	34.2			
140							27.8	206	38.1	51.5	230	32.7			
145							20.8	194	36.4	47.8	226	31.2			
150										43.9	221	29.9			
155										39.7	215	28.6			
160										35.1	208	27.4			
165										29.9	200	26.3			
170										23.5	189	25.3			
201													37.0	180	13.4
205													34.6	176	13.1
210													29.3	168	12.6
215													22.8	157	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	85.5												
57				75.0	273	87.0									
60	68.8	270	84.2	73.2	272	86.9									
65	66.1	268	82.0	70.5	270	86.4									
70	63.3	265	80.1	67.8	268	85.2									
75	60.5	262	78.3	65.1	266	83.4									
80	57.5	259	75.8	62.3	263	81.8									
85	54.5	256	73.6	59.4	260	78.6									
90	51.3	252	71.9	56.4	257	73.3									
93							67.0	263	63.0						
95	48.0	247	69.2	53.3	254	68.6	65.9	262	61.3						
100	44.4	242	66.0	50.1	249	64.4	63.1	260	57.6						
105	40.7	237	53.8	46.7	245	60.6	60.2	257	54.2						
110	36.6	230	50.9	43.1	240	57.2	57.3	254	51.1						
115	32.0	223	48.2	39.2	234	54.2	54.2	250	48.4						
120	26.8	213	45.5	35.0	227	51.4	51.0	246	45.9						
125	20.2	201	42.6	30.2	219	48.8	47.7	242	43.6						
130				24.5	208	46.4	44.1	237	41.5						
135							40.3	231	39.6						
136										57.0	244	33.4			
140							36.2	225	37.8	55.3	242	32.2			
145							31.6	217	36.1	52.2	239	30.8			
150							26.3	207	34.5	48.9	234	29.5			
155							19.6	195	33.1	45.4	230	28.2			
160										41.7	224	27.0			
165										37.8	218	25.9			
170										33.3	211	24.9			
175										28.3	202	23.9			
180										22.2	191	23.0			
209													37.0	185	12.2
210													37.0	185	12.1
215													32.9	179	11.7
220													27.8	170	11.2
225													21.5	158	10.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	77.3									
60	70.6	280	75.1	74.5	282	77.3									
65	68.1	278	73.8	72.1	281	77.1									
70	65.6	276	72.1	69.7	279	76.3									
75	63.0	274	70.6	67.2	277	75.3									
80	60.4	271	69.2	64.6	274	73.8									
85	57.7	268	67.3	62.0	272	72.6									
90	54.9	264	65.6	59.4	269	71.2									
95	52.0	260	58.1	56.6	266	68.3									
97							67.0	273	59.7						
100	49.0	256	55.8	53.8	262	63.0	65.4	271	57.3						
105	45.8	251	52.8	50.9	258	60.4	62.8	268	53.9						
110	42.4	246	49.9	47.8	254	57.0	60.2	266	50.9						
115	38.8	240	47.4	44.6	249	54.0	57.4	263	48.1						
120	34.9	233	45.3	41.1	243	51.2	54.6	259	45.6						
125	30.5	225	42.9	37.4	237	48.3	51.7	255	43.4						
130	25.4	215	40.4	33.3	229	46.0	48.7	251	41.3						
135	20.8	206	20.7	28.7	221	43.9	45.5	246	39.3						
140				23.3	210	41.9	42.1	241	37.5						
141															
145							38.5	235	35.9	57.0	253	31.2			
150							34.5	228	34.3	55.7	251	30.5			
155							31.2	221	30.7	52.8	247	29.2			
160							26.3	212	29.1	49.8	243	27.9			
165							20.2	200	27.5	46.7	238	26.8			
170										43.4	233	25.7			
175										39.8	227	24.7			
180										36.0	221	23.7			
185										31.8	213	22.8			
190										26.9	204	21.9			
190										21.1	192	21.1			
217													37.0	191	11.1
220													35.6	189	11.0
225													31.3	181	10.5
230													26.4	172	10.1
235													20.4	160	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	69.1									
65	69.8	289	66.8	73.5	291	69.0									
70	67.5	287	65.5	71.2	289	68.7									
75	65.1	285	60.5	68.9	288	67.8									
80	62.8	282	59.2	66.6	285	66.7									
85	60.3	279	57.7	64.3	283	65.5									
90	57.8	276	55.8	61.9	280	61.3									
95	55.2	273	54.1	59.4	277	59.8									
100	52.6	269	52.6	56.9	274	58.3									
101							67.0	282	56.4						
105	49.8	265	51.2	54.2	271	57.0	64.9	280	53.5						
110	46.9	260	48.6	51.5	267	55.9	62.6	277	50.5						
115	43.9	255	46.2	48.7	262	53.4	60.1	274	47.7						
120	40.6	249	44.1	45.8	258	50.5	57.6	271	45.2						
125	37.2	243	42.1	42.7	252	47.9	55.0	268	43.0						
130	33.4	236	40.4	39.4	246	45.4	52.3	264	40.9						
135	29.2	227	38.3	35.8	240	43.4	49.6	260	39.0						
140	24.3	217	36.1	31.9	232	41.4	46.6	255	37.2						
145	19.7	207	19.1	27.5	223	39.5	43.6	250	35.5						
147										57.0	261	29.2			
150				22.2	212	37.5	40.3	244	34.0	55.9	259	28.7			
155							37.7	239	31.1	53.3	256	27.5			
160							34.0	232	30.2	50.6	252	26.3			
165							29.8	224	28.5	47.7	247	25.3			
170							25.1	214	26.8	44.7	242	24.2			
175							19.2	201	25.1	41.5	237	23.3			
180										38.1	231	22.4			
185										34.5	224	21.5			
190										30.4	215	20.7			
195										25.7	206	19.9			
200										20.0	193	19.2			
225													37.0	197	10.0
230													34.1	192	9.7
235													30.0	183	9.3
240													25.2	173	8.9
245													19.4	161	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	58.3									
75	67.0	296	54.6	70.4	298	57.8									
80	64.8	293	53.3	68.3	296	56.8									
85	62.5	291	52.3	66.1	294	55.7									
90	60.3	288	51.1	63.9	291	54.6									
95	57.9	285	49.6	61.7	289	53.7									
100	55.5	281	48.2	59.4	286	52.5									
105							67.0	291	53.4						
105	53.1	278	47.0	57.0	283	51.3	66.8	290	53.0						
110	50.5	274	46.0	54.6	279	50.2	64.6	288	50.0						
115	47.8	269	44.1	52.1	275	49.3	62.3	285	47.3						
120	45.1	264	42.1	49.5	271	47.9	60.1	283	44.8						
125	42.1	259	40.3	46.8	267	45.8	57.7	279	42.6						
130	39.0	253	38.7	44.0	261	43.8	55.3	276	40.5						
135	35.7	246	37.3	41.0	256	42.0	52.8	272	38.6						
140	32.0	238	35.6	37.8	250	40.4	50.3	268	36.8						
145	28.0	229	33.8	34.4	243	38.9	47.6	264	35.2						
150	24.4	221	18.3	30.6	234	37.0	44.8	259	33.6						
152										57.0	269	27.4			
155	18.8	208	17.5	26.3	225	35.1	42.6	255	29.2	56.2	268	27.0			
160				21.2	213	33.1	39.5	249	28.1	53.7	264	25.9			
165							36.2	242	27.2	51.2	260	24.8			
170							32.6	235	26.0	48.6	256	23.8			
175							28.6	226	24.8	45.8	251	22.9			
180							24.0	215	23.5	43.0	246	22.0			
185							18.3	202	22.3	39.9	240	21.1			
190										36.6	234	20.3			
195										33.1	226	19.6			
200										29.2	218	18.8			
205										24.6	207	18.1			
233													37.0	203	8.9
235													36.3	202	8.8
240													32.7	194	8.5
245													28.8	186	8.1
250													24.2	175	7.7
255													18.5	162	7.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	52.0									
80	66.5	304	48.4	69.8	307	51.2									
85	64.4	302	47.4	67.8	305	50.6									
90	62.3	299	46.6	65.7	302	49.7									
95	60.2	296	45.6	63.7	300	48.9									
100	58.0	293	44.3	61.6	297	48.2									
105	55.8	290	43.2	59.4	294	47.2									
108							67.0	300	49.2						
110	53.5	286	42.2	57.2	291	46.2	66.3	299	49.1						
115	51.1	282	41.3	54.9	288	45.4	64.3	297	47.0						
120	48.6	278	40.1	52.6	284	44.6	62.2	294	44.5						
125	46.1	273	38.7	50.2	280	43.8	60.0	291	42.3						
130	43.4	268	37.3	47.7	275	42.4	57.8	288	40.2						
135	40.6	262	36.1	45.1	270	41.1	55.6	285	38.3						
140	37.6	256	34.9	42.4	265	39.9	53.3	281	36.5						
145	34.4	249	33.9	39.5	259	38.7	50.9	277	34.9						
150	31.7	243	18.2	36.4	253	37.7	48.4	273	33.4						
155	27.9	234	17.5	33.1	245	36.3	46.5	269	30.6						
158										57.0	277	25.9			
160	23.4	223	16.7	29.4	237	34.5	43.8	264	29.2	56.4	277	25.6			
165				26.3	229	18.5	41.0	258	27.8	54.1	273	24.5			
170				21.6	217	17.6	38.1	252	26.6	51.8	269	23.5			
175							34.9	245	25.5	49.3	265	22.6			
180							31.4	237	24.3	46.8	260	21.7			
185							27.5	228	23.1	44.2	255	20.8			
190							23.0	217	21.8	41.4	250	20.1			
195										38.4	243	19.3			
200										35.3	237	18.6			
205										31.9	229	17.9			
210										28.0	220	17.2			
215										23.6	209	16.6			
241													37.0	209	8.0
245													35.0	205	7.8
250													31.5	197	7.5
255													27.6	188	7.2
260													23.2	177	6.8
265													17.6	163	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 164 ft luffing jib 152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	45.0									
90	64.1	310	41.6	67.3	313	44.5									
95	62.2	308	41.0	65.4	311	43.8									
100	60.2	305	40.1	63.4	308	43.2									
105	58.1	302	39.0	61.4	306	42.8									
110	56.0	298	38.1	59.4	303	42.0									
112							67.0	309	43.3						
115	53.9	295	37.3	57.3	300	41.2	65.9	307	43.2						
120	51.6	291	36.6	55.2	296	40.5	64.0	305	43.2						
125	49.3	287	35.8	53.0	293	39.9	62.0	302	41.9						
130	47.0	282	34.8	50.8	289	39.4	60.0	300	39.8						
135	44.5	277	33.9	48.5	284	38.7	57.9	296	37.9						
140	41.9	272	33.1	46.1	279	37.9	55.8	293	36.1						
145	39.8	267	19.7	43.6	274	37.2	53.7	289	34.5						
150	37.0	260	18.3	40.9	269	36.6	52.0	286	33.0						
155	33.9	253	17.2	38.1	262	36.0	49.7	282	31.6						
160	30.6	245	16.6	35.2	255	34.5	47.3	278	30.3						
163										57.0	286	24.3			
165	26.8	236	15.9	31.9	248	33.1	44.9	273	29.1	56.6	285	24.1			
170	22.5	224	15.2	29.2	241	17.9	42.3	267	27.7	54.5	281	23.1			
175				25.3	231	17.1	39.6	262	26.3	52.3	278	22.1			
180				20.7	219	16.3	36.7	255	25.0	50.0	274	21.3			
185							33.7	248	23.9	47.6	269	20.4			
190							30.3	239	22.6	45.2	264	19.6			
195							26.5	230	21.3	42.7	259	18.9			
200							22.1	218	20.1	40.0	253	18.2			
205										37.1	247	17.5			
210										34.1	239	16.8			
215										30.7	231	16.2			
220										27.0	222	15.6			
225										22.7	211	15.1			
249													37.0	215	7.0
250													36.8	215	7.0
255													33.8	207	6.7
260													30.4	199	6.4
265													26.6	190	6.1
270													22.3	178	5.8
275													16.9	164	5.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	40.0									
95	63.9	319	37.4	66.9	322	39.6									
100	62.0	316	36.9	65.0	319	39.0									
105	60.1	313	36.2	63.2	317	38.6									
110	58.2	310	35.4	61.3	314	38.2									
115	56.2	307	34.7	59.4	311	37.6									
116							67.0	318	38.4						
120	54.2	303	34.0	57.5	308	37.0	65.6	316	38.4						
125	52.1	299	33.5	55.5	305	36.5	63.7	314	38.4						
130	50.5	296	26.7	53.4	301	36.0	61.9	311	38.1						
135	48.3	292	24.7	51.3	297	35.6	60.0	308	37.5						
140	46.0	287	22.9	49.2	293	35.1	58.0	305	35.7						
145	43.6	282	21.1	46.9	288	34.5	56.0	302	34.1						
150	41.2	276	19.5	44.6	283	34.0	54.5	299	32.0						
155	38.5	270	18.0	42.2	278	33.5	52.4	295	31.3						
160	35.8	263	16.7	40.2	273	20.6	50.3	291	29.9						
165	32.8	256	16.0	37.5	267	19.0	48.1	287	28.7						
168										57.0	294	22.7			
170	29.5	247	15.5	34.7	260	17.8	45.8	282	27.6	56.8	294	22.6			
175	25.9	238	15.0	31.6	252	17.1	43.4	277	26.5	54.8	290	21.7			
180	21.7	226	14.5	28.3	243	16.5	40.9	271	25.4	52.7	286	20.8			
185				24.5	233	15.8	38.3	265	24.5	50.6	282	20.0			
190				20.0	220	15.1	35.5	258	23.6	48.4	278	19.2			
195							32.5	250	22.7	46.1	273	18.5			
200							29.3	242	21.6	43.7	268	17.8			
205							25.6	232	20.1	41.3	262	17.1			
210							21.3	220	18.6	38.7	256	16.4			
215										35.9	249	15.8			
220										32.9	242	15.3			
225										29.7	234	14.7			
230										26.1	224	14.1			
235										21.9	212	13.6			
256													37.0	221	6.1
260													35.6	218	5.9
265													32.6	210	5.7
270													29.4	201	5.4
275													25.7	192	5.1
280													21.5	180	4.8
285													16.2	164	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	34.7									
105	62.3	325	31.1	64.7	328	34.3									
110	60.5	322	30.3	63.0	325	34.0									
115	58.7	319	29.2	61.2	323	33.7									
120							67.0	327	33.6						
120	56.8	316	28.2	59.4	320	33.2	67.0	327	33.6						
125	54.9	313	27.3	58.0	317	29.5	65.2	325	33.6						
130	53.0	309	26.5	56.1	314	28.7	63.5	322	33.6						
135	51.0	305	25.8	54.2	311	28.1	61.7	319	33.2						
140	48.9	301	24.2	52.3	307	27.5	60.4	317	30.4						
145	46.8	296	22.4	50.2	303	26.4	58.5	314	30.0						
150	44.6	291	20.7	48.2	298	24.6	56.7	311	29.6						
155	42.3	286	19.2	46.0	293	22.8	54.8	307	29.2						
160	39.9	280	17.7	43.8	288	21.2	52.8	304	28.8						
165	37.4	273	16.4	41.4	283	19.7	50.8	300	28.4						
170	34.7	266	15.4	39.0	277	18.3	48.8	295	27.3						
174										57.0	302	21.4			
175	31.8	258	15.0	36.4	270	17.0	46.6	291	26.2	56.9	302	21.4			
180	28.6	250	14.6	33.6	263	16.3	44.4	286	25.2	55.0	299	20.5			
185	25.1	239	14.2	30.6	255	15.7	42.1	280	24.2	53.1	295	19.7			
190	21.0	227	13.8	27.3	245	15.1	39.7	274	23.3	51.1	291	18.9			
195				23.6	234	14.5	37.1	268	22.4	49.0	287	18.2			
200				19.2	221	13.9	34.4	261	21.6	46.9	282	17.5			
205							31.5	253	20.8	44.7	277	16.8			
210							28.3	244	20.1	42.4	272	16.2			
215							24.8	234	18.8	40.0	266	15.6			
220							20.6	221	17.2	37.5	259	15.0			
225										34.8	252	14.4			
230										31.9	245	13.9			
235										28.8	236	13.4			
240										25.2	226	12.9			
245										21.2	214	12.4			
264													37.0	227	5.4
265													37.0	227	5.3
270													34.5	220	5.1
275													31.6	213	4.8
280													28.4	204	4.6
285													24.9	193	4.3
290													20.7	181	4.0
295													15.5	165	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.8									
120	58.7	328	25.9	61.5	332	27.5									
124							67.0	336	27.3						
125							67.0	336	27.3						
130	57.0	325	25.1	59.8	329	26.8	67.0	336	27.3						
135	55.2	321	24.3	58.1	326	26.1	65.3	334	27.2						
140	53.3	318	23.7	56.3	323	25.5	63.7	331	27.2						
145	51.4	314	23.1	54.5	319	25.0	62.0	329	26.9						
145	49.5	309	22.2	52.6	315	24.5	60.3	326	26.7						
150	47.5	305	21.0	50.7	311	23.9	58.6	323	26.4						
155	45.4	300	19.9	48.8	307	22.7	56.8	319	26.1						
160	43.3	295	18.8	46.8	302	21.6	55.0	316	25.7						
165	41.1	289	17.8	44.7	297	20.5	53.2	312	25.4						
170	38.7	283	16.9	42.5	292	19.4	51.3	308	25.2						
175	36.3	276	16.1	40.2	286	18.5	49.3	304	24.8						
179										57.0	310	20.2			
180	33.6	269	15.4	37.8	280	17.6	47.3	299	24.0	57.0	310	20.0			
185	30.8	261	14.9	35.3	273	16.9	45.3	295	23.3	55.2	307	19.2			
190	27.7	252	14.3	32.6	265	16.2	43.1	289	22.7	53.4	303	18.5			
195	24.3	241	13.8	29.7	257	15.6	40.9	284	22.1	51.5	299	17.7			
200	20.3	229	13.2	26.5	247	14.9	38.5	278	21.3	49.6	295	17.0			
205				22.9	236	14.2	36.1	271	20.5	47.6	291	16.4			
210				18.6	222	13.6	33.4	263	19.7	45.5	286	15.7			
215							30.6	255	19.0	43.4	281	15.1			
220							27.5	246	18.0	41.2	275	14.6			
225							24.0	235	16.9	38.8	269	14.0			
230							19.9	222	15.8	36.4	262	13.5			
235										33.8	255	13.0			
240										31.0	247	12.5			
245										27.9	238	12.0			
250										24.4	227	11.6			
255										20.5	215	11.1			
272													37.0	233	4.5
275													36.1	230	4.4
280													33.5	223	4.1
285													30.7	215	3.9
290													27.6	206	3.6
295													24.1	195	3.4
300													20.0	182	3.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	23.4						
130							66.6	344	23.4						
135	57.1	333	21.9	59.8	337	23.3	66.6	344	23.4						
135	55.4	330	21.4	58.1	334	22.7	65.1	342	23.4						
140	53.6	326	20.9	56.5	331	22.3	63.5	340	23.4						
145	51.9	322	20.4	54.7	328	21.8	61.9	337	23.1						
150	50.0	318	19.9	53.0	324	21.4	60.3	334	23.0						
155	48.1	314	19.3	51.2	320	21.1	58.6	331	22.8						
160	46.2	309	18.7	49.3	316	20.5	56.9	328	22.6						
165	44.2	304	18.1	47.4	311	19.9	55.2	324	22.3						
170	42.1	298	17.5	45.5	306	19.3	53.5	321	22.0						
175	39.9	292	17.0	43.4	301	18.8	51.7	317	21.8						
180	37.7	286	16.5	41.3	295	18.3	49.9	313	21.6						
184										57.0	319	18.9			
185	35.3	279	16.0	39.1	289	17.8	48.0	308	20.9	57.0	319	18.7			
190	32.7	272	15.4	36.8	283	17.4	46.0	304	20.3	55.5	316	18.0			
195	29.9	263	14.7	34.3	276	16.8	44.0	298	19.7	53.7	312	17.3			
200	26.9	254	14.0	31.7	268	16.1	41.9	293	19.1	51.9	308	16.6			
205	23.5	243	13.3	28.9	259	15.4	39.8	287	18.5	50.1	304	16.0			
210	19.6	230	12.6	25.7	249	14.7	37.5	281	18.0	48.2	300	15.3			
215				22.2	238	13.9	35.1	274	17.6	46.3	295	14.7			
220							32.5	266	17.0	44.3	290	14.2			
225							29.7	258	16.4	42.2	284	13.6			
230							26.7	248	15.8	40.0	278	13.1			
235							23.2	237	15.2	37.8	272	12.6			
240							19.2	224	14.6	35.4	265	12.1			
245										32.8	258	11.7			
250										30.1	249	11.2			
255										27.1	240	10.8			
260										23.7	229	10.4			
265										19.8	216	10.0			
280													37.0	239	3.6
285													35.1	233	3.4
290													32.6	226	3.2
295													29.8	217	3.0
300													26.8	208	2.7
305													23.4	197	2.5
310													19.4	184	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	128.3												
45				75.0	234	128.3									
45	66.8	232	128.3	74.8	234	128.3									
50	61.8	229	128.2	70.2	233	128.3									
55	56.6	226	122.7	65.4	230	128.2									
60	51.1	222	118.1	60.4	228	122.5									
65	45.1	217	111.8	55.2	224	110.7									
70	38.2	211	104.7	49.5	220	100.9									
75	30.0	203	91.7	43.3	215	92.6									
76							67.0	227	82.0						
80	21.8	195	33.0	36.1	208	85.5	63.1	225	77.0						
85				27.4	200	79.3	58.0	222	71.5						
90							52.5	218	66.7						
95							46.6	213	62.4						
100							40.0	208	58.6						
105							32.3	200	55.1						
110							22.1	190	52.0						
113										57.0	211	43.5			
115										54.9	210	42.6			
120										49.2	206	40.4			
125										42.9	200	38.3			
130										35.7	194	36.5			
135										26.8	185	34.7			
176													37.0	162	17.1
180													32.8	158	16.7
185													22.8	148	16.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft luffing jib 161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	128.3												
45	70.0	243	127.0												
47				75.0	244	128.2									
50	65.8	240	122.4	72.9	243	128.1									
55	61.5	238	117.8	68.8	241	125.7									
60	57.0	235	111.5	64.6	239	120.4									
65	52.3	231	106.4	60.3	236	110.4									
70	47.2	226	101.3	55.7	233	100.7									
75	41.6	221	93.0	50.9	229	92.4									
80							67.0	236	76.7						
80	35.2	214	88.6	45.7	224	85.4	66.9	236	76.6						
85	27.6	205	81.5	39.9	218	79.2	62.6	233	71.1						
90				33.3	211	73.8	58.2	230	66.3						
95				25.1	202	69.0	53.5	227	62.0						
100							48.5	222	58.2						
105							43.0	217	54.8						
110							36.9	211	51.8						
115							29.7	203	49.0						
118										57.0	219	40.6			
120							20.1	191	46.4	55.5	218	39.9			
125										50.6	214	37.9			
130										45.4	209	36.1			
135										39.6	204	34.4			
140										34.6	198	32.9			
145										26.7	189	31.4			
184													37.0	168	15.7
185													37.0	168	15.5
190													30.2	160	14.9
195													20.7	149	14.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>85 ft luffing jib</b> <b>161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	116.4												
50				75.0	253	117.1									
50	68.8	251	113.7	74.9	253	117.1									
55	65.1	249	109.5	71.4	252	116.6									
60	61.3	246	106.2	67.8	250	114.3									
65	57.3	243	101.1	64.1	247	109.7									
70	53.2	239	95.0	60.2	244	100.4									
75	48.7	235	92.8	56.2	241	92.1									
80	44.0	230	87.6	52.0	237	85.1									
84							67.0	245	72.0						
85	38.7	224	82.1	47.5	233	79.0	66.0	244	70.6						
90	32.8	217	76.5	42.6	228	73.6	62.3	242	65.8						
95	25.6	207	69.8	37.2	221	68.9	58.3	239	61.6						
100				30.9	214	63.6	54.2	235	57.8						
105				23.2	203	60.9	49.9	231	54.5						
110							45.2	226	51.4						
115							40.1	220	48.7						
120							34.4	214	46.2						
124									57.0	228	37.9				
125									56.0	227	37.5				
130							27.6	205	43.8	51.7	223	35.6			
135							18.4	192	41.7	47.2	218	34.0			
140										43.5	214	32.5			
145										38.2	208	31.0			
150										32.1	201	29.7			
155										24.7	191	28.4			
192													37.0	174	14.1
195													34.7	171	13.9
200													28.0	162	13.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>95 ft luffing jib</b> <b>161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	104.1												
50	71.1	262	101.9												
52				75.0	263	104.1									
55	67.8	260	99.5	73.4	262	104.0									
60	64.5	257	94.9	70.2	260	103.1									
65	61.1	255	93.6	66.9	258	101.4									
70	57.5	251	89.7	63.6	256	98.2									
75	53.8	248	86.5	60.1	253	92.0									
80	49.9	244	83.9	56.5	250	84.9									
85	45.8	239	79.8	52.8	246	78.8									
88							67.0	254	67.9						
90	41.3	234	76.0	48.8	242	73.5	65.4	253	65.6						
95	36.4	227	71.5	44.6	237	68.8	62.0	250	61.4						
100	30.7	219	67.2	40.0	231	64.1	58.5	247	57.6						
105	23.9	209	52.4	34.9	224	60.8	54.8	244	54.3						
110				29.0	216	57.4	50.9	240	51.2						
115				21.6	205	54.3	46.9	235	48.5						
120							42.5	230	46.0						
125							37.7	224	43.7						
129										57.0	236	35.7			
130							32.2	216	41.6	56.3	235	35.4			
135							25.8	207	39.6	52.6	232	33.7			
140							19.4	197	32.4	49.5	228	32.2			
145										45.4	223	30.8			
150										40.9	218	29.5			
155										35.9	211	28.2			
160										30.1	203	27.1			
165										23.1	193	25.9			
200													37.0	180	13.1
200													37.0	180	13.0
205													32.6	174	12.6
210													26.2	164	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 105 ft luffing jib 161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	91.8												
55	70.0	270	90.0	75.0	272	93.1									
60	67.1	268	87.9	72.1	271	92.7									
65	64.0	266	85.4	69.2	269	91.8									
70	60.9	263	83.6	66.2	267	90.2									
75	57.7	260	80.4	63.2	264	88.3									
80	54.4	256	77.8	60.1	261	84.6									
85	50.9	252	75.7	56.8	258	78.5									
90	47.2	248	72.8	53.4	255	73.2									
91							67.0	263	63.9						
95	43.3	243	69.7	49.9	250	68.5	64.8	261	60.9						
100	39.1	237	67.0	46.2	246	62.4	61.7	259	57.2						
105	34.4	230	53.0	42.2	240	60.1	58.5	256	53.8						
110	29.0	221	49.6	37.8	234	57.2	55.2	252	50.8						
115	22.4	210	46.2	33.0	227	54.1	51.8	248	48.1						
120				27.3	218	51.3	48.2	244	45.6						
125				22.1	209	25.9	44.3	239	43.4						
130							40.2	233	41.3						
135										57.0	244	33.4			
135							35.6	226	39.3	56.6	244	33.2			
140							30.4	218	37.6	54.1	241	31.8			
145							24.2	208	35.9	50.6	237	30.4			
150							18.1	198	30.2	46.9	232	29.1			
155										42.9	227	27.8			
160										38.6	221	26.7			
165										33.9	214	25.6			
170										28.4	205	24.6			
175										21.7	194	23.6			
208													37.0	186	11.8
210													35.9	184	11.6
215													30.7	176	11.2
220													24.6	166	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.7												
58				75.0	282	82.9									
60	69.2	279	79.3	73.7	281	82.8									
65	66.4	277	77.3	71.1	279	82.3									
70	63.7	274	75.4	68.4	278	81.3									
75	60.8	272	73.9	65.7	275	79.8									
80	57.9	268	71.4	62.9	273	78.3									
85	54.8	265	69.3	60.0	270	76.7									
90	51.7	261	67.6	57.1	267	72.9									
95	48.4	257	65.5	54.0	263	68.2									
95							67.0	272	60.3						
100	44.9	252	55.8	50.8	259	64.0	64.4	270	56.7						
105	41.2	246	52.3	47.4	255	60.3	61.5	267	53.4						
110	37.1	240	49.3	43.9	250	56.9	58.6	264	50.4						
115	32.6	232	46.6	40.1	244	53.6	55.6	261	47.7						
120	27.5	223	43.6	35.9	237	50.7	52.5	257	45.2						
125	21.1	212	40.7	31.3	229	48.5	49.2	253	43.0						
130				25.9	220	46.2	45.8	248	40.9						
135				20.8	210	23.4	42.1	243	39.0						
140										57.0	252	31.3			
140							38.2	236	37.2	57.0	252	31.0			
145							33.8	229	35.6	54.5	250	29.9			
150							28.8	221	34.0	51.4	246	28.6			
155							24.4	213	29.1	48.0	241	27.4			
160							17.0	199	27.5	44.5	236	26.2			
165										40.8	231	25.2			
170										36.7	224	24.2			
175										32.1	217	23.2			
180										26.9	207	22.3			
185										20.4	195	21.4			
216													37.0	192	10.6
220													34.1	187	10.3
225													29.2	178	9.9
230													23.3	168	9.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>125 ft luffing jib</b> <b>161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	74.6									
65	68.4	288	70.5	72.6	290	74.4									
70	65.9	285	68.7	70.2	288	73.7									
75	63.3	283	67.3	67.7	286	72.7									
80	60.7	280	66.0	65.2	284	71.4									
85	58.0	277	64.6	62.6	281	70.2									
90	55.2	274	63.0	60.0	278	69.1									
95	52.3	270	61.4	57.2	275	67.5									
99							67.0	281	57.1						
100	49.3	266	60.7	54.4	272	66.5	66.5	281	56.5						
105	46.2	261	59.5	51.5	268	64.0	64.0	278	53.1						
110	42.8	256	56.5	48.5	263	61.4	61.4	276	50.2						
115	39.3	250	52.9	45.3	259	58.7	58.7	273	47.4						
120	35.4	243	49.6	41.9	253	49.6	49.6	269	45.0						
125	31.1	235	46.7	38.2	247	53.1	53.1	266	42.7						
130	26.1	225	44.4	34.3	240	50.1	50.1	261	40.7						
135	20.0	213	42.8	29.8	232	47.0	47.0	257	38.8						
140			41.1	24.6	221	43.7	43.7	252	37.0						
145			40.2	19.7	212	40.2	40.2	246	35.4						
150						36.4	239	33.8	57.0	261	29.3				
155						33.2	234	31.0	54.9	258	28.3				
160						28.6	225	29.1	52.1	254	27.1				
165						23.2	214	27.2	49.0	250	26.0				
170									45.9	245	24.9				
175									42.5	240	23.9				
180									38.9	234	23.0				
185									35.0	227	22.1				
190									30.6	219	21.2				
195									25.6	209	20.4				
223									19.3	196	19.6				
225												37.0	198	9.6	
230												36.6	197	9.6	
235												32.5	189	9.2	
240												27.8	180	8.8	
												22.1	169	8.4	

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	65.9									
65	70.1	298	60.6	74.0	300	65.9									
70	67.8	296	59.2	71.7	299	65.7									
75	65.4	294	57.6	69.4	297	61.9									
80	63.1	291	56.3	67.1	295	60.9									
85	60.6	289	55.1	64.8	292	59.5									
90	58.1	285	53.2	62.4	290	58.5									
95	55.5	282	51.5	59.9	287	57.1									
100	52.9	278	50.1	57.4	284	55.5									
103							67.0	290	54.0						
105	50.1	274	48.9	54.8	280	54.1	66.0	289	52.7						
110	47.3	270	46.4	52.1	276	52.9	63.7	287	49.7						
115	44.2	265	44.1	49.3	272	51.1	61.2	284	47.0						
120	41.0	259	41.9	46.4	268	48.6	58.8	281	44.6						
125	37.6	253	40.0	43.4	262	46.3	56.2	278	42.3						
130	33.9	246	38.3	40.1	257	44.2	53.6	274	40.3						
135	29.7	237	36.3	36.6	250	42.4	50.8	270	38.4						
140	24.9	227	34.3	32.8	243	40.5	48.0	266	36.6						
145	20.5	218	17.9	28.5	234	38.5	45.0	261	35.0						
150				23.4	223	36.4	41.9	255	33.5						
151										57.0	269	27.4			
155							39.3	251	29.8	55.3	267	26.6			
160							35.7	244	29.1	52.6	263	25.5			
165							31.8	236	27.5	49.9	259	24.5			
170							27.4	227	25.9	47.0	254	23.5			
175							22.1	216	24.2	43.9	249	22.5			
180										40.7	243	21.7			
185										37.3	237	20.8			
190										33.5	230	20.0			
195										29.3	221	19.3			
200										24.4	211	18.6			
205										18.3	198	17.9			
231													37.0	204	8.6
235													35.1	200	8.4
240													31.1	192	8.0
245													26.5	182	7.7
250													21.0	171	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 144 ft luffing jib 161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	56.2									
75	67.2	305	52.5	70.9	307	55.8									
80	65.0	302	51.3	68.8	305	55.0									
85	62.8	300	50.2	66.6	303	54.1									
90	60.5	297	49.1	64.4	301	53.0									
95	58.2	294	47.6	62.2	298	52.1									
100	55.8	291	46.2	59.9	295	51.0									
105	53.4	287	45.0	57.6	292	49.6									
107							67.0	299	51.2						
110	50.8	283	44.0	55.1	289	48.4	65.6	298	49.3						
115	48.2	278	42.2	52.7	285	47.4	63.4	295	46.6						
120	45.4	274	40.3	50.1	281	46.4	61.1	292	44.1						
125	42.5	268	38.5	47.4	276	44.7	58.8	290	41.9						
130	39.4	262	36.9	44.6	271	43.2	56.4	286	39.9						
135	36.1	256	35.4	41.7	266	41.7	54.0	283	38.0						
140	32.5	248	33.9	38.5	260	40.4	51.5	279	36.2						
145	29.5	242	18.1	35.2	253	39.3	48.8	274	34.6						
150	25.0	231	17.4	31.5	245	37.0	46.1	270	33.1						
155	19.6	219	16.6	27.3	236	34.8	43.9	266	29.0						
156										57.0	277	25.7			
160				23.6	227	17.5	40.9	260	27.7	55.6	275	25.1			
165							37.8	254	26.5	53.1	271	24.0			
170							34.3	247	25.4	50.6	267	23.0			
175							30.5	239	24.1	47.9	263	22.1			
180							26.2	229	22.9	45.1	258	21.2			
185							21.1	217	21.6	42.2	253	20.4			
190										39.1	247	19.6			
195										35.8	240	18.9			
200										32.1	232	18.2			
205										28.1	223	17.5			
210										23.4	213	16.9			
215										17.4	198	16.2			
239													37.0	209	7.6
240													37.0	209	7.5
245													33.7	203	7.2
250													29.8	194	6.9
255													25.4	184	6.6
260													20.1	172	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 154 ft luffing jib 161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.5									
80	66.7	313	46.1	70.2	316	48.9									
85	64.7	311	45.1	68.2	314	48.3									
90	62.6	308	44.2	66.2	312	47.4									
95	60.5	305	43.3	64.1	309	46.5									
100	58.3	302	42.0	62.0	307	45.9									
105	56.1	299	40.8	59.9	304	44.9									
110	53.8	295	39.8	57.7	301	43.8									
111							67.0	308	47.3						
115	51.4	292	39.0	55.4	297	42.8	65.2	306	46.3						
120	49.0	287	37.9	53.1	294	41.9	63.1	304	43.9						
125	46.4	283	36.5	50.7	290	41.2	61.0	301	41.6						
130	43.7	277	35.2	48.3	285	40.1	58.8	298	39.6						
135	40.9	272	34.0	45.7	280	39.0	56.6	295	37.7						
140	38.7	267	19.2	43.0	275	38.0	54.4	291	36.0						
145	35.5	260	17.8	40.1	269	37.1	52.0	287	34.3						
150	32.1	253	17.1	37.1	263	36.3	50.2	284	32.5						
155	28.4	244	16.4	33.8	256	35.2	47.7	280	31.2						
160	24.0	233	15.7	30.3	247	33.5	45.1	275	29.7						
161										57.0	285	24.2			
165	18.7	220	15.0	27.2	240	17.3	42.3	269	28.3	55.8	284	23.7			
170				22.7	229	16.5	39.4	263	27.0	53.5	280	22.7			
175							36.4	257	25.9	51.2	276	21.8			
180							33.0	249	24.6	48.7	272	21.0			
185							29.4	241	23.1	46.2	267	20.1			
190							25.2	231	21.7	43.5	262	19.4			
195							20.2	218	20.2	40.7	256	18.6			
200										37.7	250	17.9			
205										34.5	243	17.3			
210										30.9	235	16.6			
215										27.0	225	16.0			
220										22.4	214	15.4			
247													37.0	215	6.7
250													35.8	213	6.6
255													32.4	205	6.3
260													28.7	196	6.0
265													24.4	186	5.7
270													19.2	173	5.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 164 ft luffing jib 161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	43.4									
90	64.4	319	40.0	67.7	322	42.8									
95	62.4	317	39.4	65.8	320	42.0									
100	60.4	314	38.5	63.8	318	41.3									
105	58.4	311	37.4	61.9	315	40.8									
110	56.3	308	36.5	59.8	312	39.9									
115							67.0	317	42.1						
115	54.1	304	35.6	57.8	309	39.0	66.8	317	42.1						
120	51.9	300	34.9	55.7	306	38.1	64.9	315	42.1						
125	49.6	296	34.2	53.5	302	37.4	62.9	312	41.2						
130	47.3	291	33.2	51.3	298	36.8	60.9	309	39.2						
135	45.4	288	32.2	49.0	294	36.1	58.9	306	37.3						
140	42.9	282	21.1	46.6	289	35.5	56.8	303	35.5						
145	40.2	277	19.2	44.1	284	34.8	54.7	300	33.9						
150	37.3	270	17.5	41.5	279	34.2	53.0	297	32.5						
155	34.3	263	16.2	38.8	273	33.7	50.8	293	31.1						
160	31.0	255	15.6	35.8	266	33.2	48.4	288	29.8						
165	27.3	246	15.0	33.4	260	18.0	46.0	284	28.6						
167										57.0	294	22.7			
170	23.1	235	14.4	30.0	252	17.3	43.5	279	27.5	56.1	292	22.3			
175	18.0	221	13.8	26.2	242	16.5	40.9	273	26.4	53.9	289	21.4			
180				21.8	230	15.8	38.1	267	25.4	51.7	285	20.5			
185							35.1	260	24.4	49.4	280	19.7			
190							31.9	252	23.5	47.0	276	18.9			
195							28.3	243	22.2	44.6	271	18.2			
200							24.2	233	20.6	42.0	265	17.5			
205							19.4	220	18.9	39.3	259	16.9			
210										36.4	253	16.2			
215										33.2	245	15.6			
220										29.8	237	15.0			
225										26.0	227	14.5			
230										21.5	216	13.9			
255													37.0	221	5.8
255													37.0	221	5.8
260													34.6	216	5.6
265													31.3	208	5.3
270													27.6	199	5.0
275													23.5	188	4.7
280													18.4	174	4.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 174 ft luffing jib 161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	37.8									
100	62.2	325	35.0	65.4	329	37.3									
105	60.4	322	34.3	63.6	326	36.8									
110	58.4	319	33.4	61.7	324	36.4									
115	56.9	317	29.6	59.8	321	35.8									
118							67.0	326	37.1						
120	54.9	313	28.4	57.9	318	35.2	66.4	326	37.1						
125	52.9	310	27.3	55.9	314	34.6	64.6	323	37.1						
130	50.7	306	26.3	53.9	311	34.1	62.7	321	36.9						
135	48.6	301	24.4	51.8	307	33.6	60.8	318	36.6						
140	46.3	297	22.4	49.6	303	33.2	58.9	315	35.1						
145	43.9	291	20.5	47.9	299	25.6	57.0	312	33.5						
150	41.5	286	18.8	45.6	294	23.5	55.4	309	32.1						
155	38.9	280	17.2	43.3	289	21.7	53.4	305	30.7						
160	36.1	273	15.7	40.8	283	19.9	51.3	301	29.4						
165	33.2	266	15.0	38.1	277	18.4	49.1	297	28.2						
170	30.0	257	14.5	35.3	270	17.1	46.9	293	27.1						
172										57.0	302	21.2			
175	26.4	248	14.1	32.3	263	16.4	44.5	288	26.0	56.3	301	20.9			
180	22.3	236	13.6	29.0	254	15.7	42.1	282	25.0	54.2	297	20.1			
185				25.3	244	15.1	39.5	276	24.0	52.2	293	19.3			
190				21.0	232	14.4	36.8	270	23.1	50.0	289	18.5			
195							33.9	262	22.3	47.8	285	17.8			
200							30.8	254	21.5	45.5	280	17.1			
205							27.3	245	20.3	43.1	275	16.4			
210							23.4	234	18.7	40.6	269	15.8			
215							18.6	221	17.1	38.0	263	15.2			
220										35.2	256	14.6			
225										32.1	248	14.1			
230										28.8	239	13.6			
235										25.1	229	13.1			
240										20.7	217	12.6			
263													37.0	227	4.9
265													36.3	226	4.8
270													33.4	218	4.6
275													30.2	210	4.3
280													26.7	201	4.0
285													22.6	189	3.8
290													17.7	175	3.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.8									
105	62.5	334	30.4	65.1	337	33.4									
110	60.7	332	29.6	63.4	335	33.1									
115	58.9	329	28.5	62.0	333	30.5									
120	57.1	325	27.4	60.2	330	29.7									
122							67.0	335	30.4						
125	55.2	322	26.5	58.4	327	28.8	66.4	335	30.4						
130	53.2	318	25.6	56.5	324	28.0	64.7	332	30.4						
135	51.2	314	24.9	54.6	320	27.3	63.0	330	30.3						
140	49.2	310	23.5	52.7	316	26.6	61.2	327	29.9						
145	47.1	305	21.7	50.7	312	25.9	59.4	324	29.5						
150	44.9	300	20.0	48.6	308	24.1	57.5	321	29.1						
155	42.6	295	18.4	46.5	303	22.3	55.6	318	28.8						
160	40.2	289	16.9	44.3	298	20.7	53.7	314	28.4						
165	37.7	283	15.6	41.9	293	19.2	51.7	310	27.9						
170	35.0	276	14.4	39.5	287	17.8	49.7	306	26.8						
175	32.1	268	14.1	37.0	280	16.6	47.6	301	25.7						
177										57.0	310	20.0			
180	29.0	260	13.7	34.2	273	15.7	45.4	297	24.7	56.4	309	19.7			
185	25.5	250	13.4	31.3	265	15.1	43.2	291	23.8	54.5	306	18.9			
190	21.5	238	13.0	28.1	256	14.5	40.8	286	22.9	52.6	302	18.2			
195				24.5	246	13.9	38.3	279	22.0	50.6	298	17.5			
200				20.3	233	13.3	35.7	273	21.2	48.5	293	16.8			
205							32.9	265	20.4	46.4	289	16.1			
210							29.8	257	19.7	44.1	284	15.5			
215							26.4	247	18.8	41.8	278	14.9			
220							22.6	236	17.2	39.4	272	14.4			
225							17.9	222	15.5	36.8	266	13.8			
230										34.1	258	13.3			
235										31.1	250	12.8			
240										27.9	241	12.3			
245										24.3	231	11.9			
250										20.0	218	11.4			
271													37.0	233	4.2
275													35.2	229	4.0
280													32.4	221	3.8
285													29.3	212	3.5
290													25.8	202	3.3
295													21.8	191	3.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	26.8									
125	57.2	334	24.1	60.2	338	26.1									
126															
130	55.4	330	23.3	58.5	335	25.3	67.0	344	26.4						
135	53.6	327	22.6	56.7	332	24.6	66.1	343	26.4						
140	51.7	323	21.9	54.9	329	23.9	64.4	341	26.3						
145	49.7	319	21.1	53.0	325	23.4	62.8	338	26.2						
150	47.8	314	20.0	51.2	321	22.9	61.1	336	25.9						
155	45.7	309	18.9	49.2	317	21.8	59.4	333	25.6						
160	43.6	304	17.9	47.2	312	20.7	57.6	329	25.4						
165	41.4	299	17.0	45.1	307	19.7	55.8	326	25.1						
170	39.0	293	16.2	43.0	302	18.8	54.0	323	24.8						
175	36.6	286	15.4	40.7	296	17.9	52.2	319	24.5						
180	34.0	279	14.7	38.4	290	17.1	50.2	315	24.3						
183							48.3	310	23.5						
185	31.2	271	14.2	35.9	283	16.4	46.2	305	22.6	57.0	318	18.7			
190	28.1	262	13.7	33.2	276	15.8	44.1	300	21.7	56.6	318	18.5			
195	24.7	251	13.2	30.4	268	15.2	41.9	295	20.9	54.8	314	17.7			
200	20.8	239	12.6	27.2	258	14.6	39.6	289	20.2	52.9	310	17.0			
205				23.7	247	13.9	37.2	282	19.5	51.0	306	16.4			
210				19.6	234	13.3	34.7	275	18.8	49.1	302	15.7			
215							31.9	268	17.8	47.1	298	15.1			
220							28.9	259	16.8	45.0	293	14.5			
225							25.6	249	15.8	42.9	287	14.0			
230							21.9	237	14.8	40.6	282	13.4			
235							17.3	223	13.8	38.2	275	12.9			
240										35.7	269	12.4			
245										33.1	261	11.9			
250										30.2	253	11.5			
255										27.1	243	11.1			
260										23.5	232	10.6			
278										19.3	219	10.2			
280													37.0	239	3.3
285													36.8	239	3.3
290													34.2	231	3.0
295													31.4	223	2.8
300													28.4	214	2.6
													25.0	204	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 203 ft luffing jib 161 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	371	26.1												
65	77.3	370	26.1												
70	75.9	369	25.9												
75	74.4	368	25.8												
80	72.9	366	25.6												
81				75.0	367	25.5									
85	71.5	365	25.5	74.0	366	25.5									
90	70.0	363	25.2	72.5	365	25.5									
95	68.5	361	24.9	71.0	363	25.4									
100	66.9	359	24.6	69.5	361	25.1									
105	65.4	356	24.2	68.0	359	24.9									
110	63.8	354	23.9	66.5	357	24.6									
115	62.2	351	23.7	64.9	355	24.3									
120	60.6	349	23.1	63.4	352	24.0									
125	59.0	346	22.2	61.8	350	23.8									
130							67.0	354	24.4						
130	57.3	342	21.4	60.2	347	23.2	67.0	354	23.1						
135	55.6	339	20.7	58.5	344	22.5	65.8	352	23.1						
140	53.9	335	20.0	56.8	341	21.8	64.2	349	23.0						
145	52.1	332	19.5	55.1	337	21.2	62.6	347	22.8						
150	50.3	327	18.9	53.4	333	20.7	61.0	344	22.7						
155	48.4	323	18.4	51.6	330	20.2	59.4	341	22.5						
160	46.4	318	17.8	49.7	325	19.7	57.7	338	22.4						
165	44.5	313	17.3	47.9	321	19.2	56.0	335	22.0						
170	42.4	308	16.8	45.9	316	18.6	54.3	331	21.8						
175	40.2	302	16.3	43.9	311	18.1	52.5	327	21.5						
180	38.0	296	15.9	41.8	305	17.7	50.7	323	21.3						
185	35.6	289	15.5	39.6	300	17.2	48.9	319	20.8						
188										57.0	327	17.4			
190	33.0	281	14.9	37.3	293	16.8	46.9	314	19.8	56.7	326	17.3			
195	30.3	273	14.2	34.9	286	16.4	45.0	309	18.9	55.0	323	16.6			
200	27.3	264	13.6	32.3	278	15.8	42.9	304	18.0	53.3	319	15.9			
205	24.0	253	12.9	29.5	270	15.2	40.8	298	17.2	51.5	315	15.3			
210	20.1	240	12.3	26.4	260	14.6	38.5	292	16.4	49.6	311	14.7			
215				23.0	249	14.0	36.2	285	15.8	47.7	306	14.1			
220				18.9	236	13.4	33.7	278	15.2	45.8	302	13.5			
225							31.0	270	14.6	43.8	296	13.0			
230							28.1	261	14.1	41.7	291	12.5			
235							24.9	251	13.5	39.5	285	12.0			
240							21.2	239	13.0	37.2	278	11.5			
245							16.7	224	12.4	34.7	271	11.1			
250										32.1	264	10.7			
255										29.3	255	10.2			
260										26.3	245	9.8			
265										22.8	234	9.5			
270										18.7	220	9.1			
286													37.0	245	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>66 ft luffing jib</b> <b>171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	128.3												
45	67.4	242	127.0												
46				75.0	244	128.3									
50	62.5	239	123.2	71.3	243	128.3									
55	57.4	236	117.4	66.6	241	125.4									
60	51.9	232	111.9	61.6	238	120.0									
65	45.9	228	106.3	56.4	235	110.1									
70	39.2	222	101.0	50.9	231	100.4									
75	31.3	214	92.2	44.8	226	92.2									
79							67.0	236	77.5						
80	23.5	206	33.0	38.0	220	85.1	65.6	236	75.8						
85				29.7	212	78.9	60.6	233	70.4						
90				21.3	203	33.0	55.4	229	65.6						
95							49.7	225	61.4						
100							43.5	220	57.6						
105							36.4	214	54.3						
110							27.7	205	51.2						
117										57.0	220	40.2			
120										53.9	218	39.0			
125										48.2	214	37.1			
130										41.8	208	35.3			
135										34.4	201	33.6			
140										27.5	195	32.1			
183													37.0	169	14.7
185													36.0	168	14.6
190													27.1	159	14.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 76 ft luffing jib 171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	123.8												
45	70.5	253	121.0												
49				75.0	254	121.4									
50	66.4	250	116.3	73.8	253	121.4									
55	62.1	248	111.8	69.8	251	119.2									
60	57.7	245	106.5	65.7	249	114.4									
65	52.9	241	101.9	61.4	247	109.9									
70	47.9	237	97.5	56.9	243	100.2									
75	42.4	231	91.0	52.1	240	91.9									
80	36.2	225	87.6	47.0	235	84.9									
82							67.0	245	72.6						
85	28.7	217	80.8	41.4	230	78.8	64.8	244	69.9						
90	21.4	208	31.4	35.0	223	73.4	60.5	241	65.2						
95				27.3	214	68.7	55.9	238	61.0						
100							51.1	234	57.3						
105							45.9	229	54.0						
110							40.1	224	50.9						
115							33.6	217	48.2						
120							25.4	207	45.7						
123										57.0	228	37.6			
125										54.7	227	36.6			
130										49.8	222	34.9			
135										44.5	218	33.2			
140										40.0	213	31.8			
145										33.4	206	30.3			
150										25.2	196	29.0			
191													37.0	175	13.3
195													33.1	171	13.0
200													24.9	161	12.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>85 ft luffing jib</b> <b>171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	109.9												
50	69.3	261	107.1												
51				75.0	263	110.3									
55	65.6	259	103.2	72.2	262	110.0									
60	61.8	256	99.9	68.7	260	107.4									
65	57.9	253	94.1	65.0	258	103.3									
70	53.7	250	91.0	61.1	255	99.8									
75	49.4	246	88.2	57.2	252	91.7									
80	44.7	241	83.3	53.0	248	84.6									
85	39.5	235	79.0	48.6	244	78.6									
86							67.0	254	68.2						
90	33.7	228	75.2	43.8	239	73.2	64.2	253	64.7						
95	26.7	219	68.6	38.5	233	68.5	60.4	250	60.6						
100	19.7	209	27.5	32.5	225	62.6	56.3	246	56.9						
105				25.3	216	59.1	52.1	243	53.6						
110							47.6	238	50.6						
115							42.8	233	47.9						
120							37.4	227	45.4						
125							31.2	219	43.1						
128										57.0	237	35.1			
130							23.5	209	41.0	55.3	235	34.4			
135										52.0	232	32.8			
140										47.5	228	31.3			
145										42.6	222	29.9			
150										37.2	216	28.6			
155										31.0	208	27.4			
160										23.3	198	26.2			
199													37.0	181	12.1
200													37.0	181	12.0
205													30.8	173	11.5
210													23.0	163	11.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 95 ft luffing jib 171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	96.3												
54				75.0	273	97.2									
55	68.3	270	95.0	74.1	272	97.2									
60	65.0	267	91.9	71.0	271	96.9									
65	61.6	265	89.5	67.7	269	96.2									
70	58.0	262	86.0	64.4	266	93.3									
75	54.4	258	82.8	61.0	263	90.9									
80	50.5	254	80.3	57.4	260	84.5									
85	46.4	250	76.7	53.7	257	78.4									
90	42.0	244	73.2	49.8	253	73.1									
90							67.0	263	64.4						
95	37.1	238	70.1	45.6	248	68.4	63.7	261	60.3						
100	31.6	230	66.2	41.1	242	61.7	60.3	258	56.6						
105	24.9	220	49.8	36.2	236	60.3	56.7	255	53.3						
110				30.5	228	57.1	52.9	251	50.4						
115				23.6	217	53.5	49.0	247	47.7						
120							44.8	242	45.2						
125							40.2	236	43.0						
130							35.1	230	40.9						
133										57.0	245	32.7			
135										56.6	244	32.6			
140							29.2	221	39.0	52.8	241	31.1			
140							21.9	210	37.2						
145										48.9	236	29.7			
150										44.6	232	28.4			
155										40.1	226	27.2			
160										35.0	219	26.1			
165										29.1	211	25.0			
170										21.7	199	24.0			
207													37.0	187	11.0
210													34.8	184	10.8
215													28.9	175	10.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	85.7												
56				75.0	282	88.8									
60	67.5	278	83.7	72.8	281	88.5									
65	64.5	276	81.2	69.9	279	87.6									
70	61.4	273	79.4	67.0	277	86.2									
75	58.2	270	76.4	63.9	275	84.0									
80	54.9	267	73.8	60.8	272	82.3									
85	51.4	263	71.7	57.6	269	78.1									
90	47.7	258	69.2	54.3	265	72.8									
94							67.0	272	60.7						
95	43.9	253	66.4	50.8	261	68.1	66.4	272	59.9						
100	39.7	248	53.2	47.1	257	62.1	63.3	269	56.2						
105	35.0	241	49.7	43.2	252	58.7	60.2	267	52.9						
110	29.8	232	46.8	38.9	246	55.6	56.9	263	50.0						
115	23.4	222	44.0	34.2	239	53.0	53.6	260	47.3						
120				28.8	230	50.0	50.0	256	44.8						
125				22.1	219	46.9	46.3	251	42.6						
130							42.3	246	40.5						
135							38.0	240	38.7						
139										57.0	253	30.6			
140							33.2	232	36.9	56.9	253	30.6			
145							27.6	223	35.3	53.5	249	29.2			
150							20.5	211	33.7	49.9	245	28.0			
155										46.2	240	26.8			
160										42.2	235	25.7			
165										37.9	229	24.6			
170										33.0	222	23.6			
175										27.4	213	22.7			
180										20.3	201	21.8			
215													37.0	193	9.9
215													37.0	193	9.8
220													32.8	186	9.5
225													27.2	177	9.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 115 ft luffing jib 171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	80.0									
60	69.5	289	76.6	74.3	291	80.0									
65	66.8	287	74.7	71.7	290	79.6									
70	64.0	284	72.7	69.1	288	78.6									
75	61.2	282	71.3	66.3	286	77.2									
80	58.3	279	68.9	63.6	283	75.5									
85	55.3	275	66.7	60.7	280	74.2									
90	52.1	272	60.5	57.8	277	71.8									
95	48.8	267	58.0	54.7	274	67.8									
98							67.0	282	57.3						
100	45.4	262	53.9	51.6	270	63.6	65.8	280	55.7						
105	41.7	257	50.1	48.3	266	59.9	63.0	278	52.5						
110	37.7	251	46.7	44.8	261	56.3	60.1	275	49.5						
115	33.3	243	44.0	41.0	255	52.6	57.2	272	46.8						
120	28.2	235	41.6	36.9	249	49.3	54.1	268	44.4						
125	22.1	223	39.1	32.4	241	46.8	50.9	264	42.2						
130				27.3	232	44.5	47.6	260	40.2						
135				20.9	220	42.1	44.0	255	38.3						
140							40.2	249	36.5						
144										57.0	261	29.0			
145							36.1	243	34.9	57.0	261	28.7			
150							31.5	235	33.4	54.0	258	27.5			
155							27.4	228	29.0	50.8	254	26.3			
160							21.1	216	27.0	47.5	249	25.2			
165										43.9	244	24.2			
170										40.1	239	23.2			
175										36.0	232	22.3			
180										31.3	224	21.4			
185										25.9	214	20.6			
190										19.1	202	19.8			
223													37.0	199	8.7
225													35.8	197	8.6
230													31.2	189	8.3
235													25.7	179	7.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 125 ft luffing jib 171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	71.3									
65	68.8	298	67.6	73.2	300	71.1									
70	66.2	295	65.9	70.8	298	70.7									
75	63.7	293	61.1	68.3	296	69.6									
80	61.1	290	59.8	65.8	294	68.4									
85	58.4	287	57.5	63.2	292	67.2									
90	55.6	284	55.6	60.6	289	66.1									
95	52.7	280	53.9	57.9	286	60.1									
100	49.8	276	52.2	55.1	282	58.3									
102							67.0	291	54.4						
105	46.6	271	48.9	52.2	279	56.9	65.3	289	52.2						
110	43.3	266	45.9	49.2	274	54.6	62.7	286	49.2						
115	39.8	260	43.1	46.1	270	51.2	60.1	284	46.6						
120	35.9	254	40.8	42.7	264	48.0	57.4	280	44.2						
125	31.7	246	38.7	39.1	258	45.2	54.5	277	41.9						
130	26.9	237	36.5	35.2	251	42.8	51.6	273	39.9						
135	21.0	225	34.4	30.9	244	41.0	48.6	269	38.0						
140				25.9	234	39.3	45.4	264	36.3						
145				19.7	221	37.5	42.0	258	34.7						
149										57.0	270	27.3			
150							38.4	252	33.2	57.0	270	27.1			
155							35.4	247	30.6	54.5	266	26.0			
160							31.1	239	28.5	51.6	263	24.9			
165							26.1	230	26.5	48.5	258	23.9			
170							20.0	217	24.4	45.3	253	22.9			
175										41.9	248	22.0			
180										38.3	242	21.2			
185										34.3	235	20.4			
190										29.8	226	19.6			
195										24.6	216	18.8			
200										18.0	203	18.1			
230													37.0	205	7.9
235													34.2	200	7.6
240													29.7	191	7.3
245													24.5	181	7.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 135 ft luffing jib 171 [ft] (2220), 135 [ft] (1311)</b>															
48	78.0	313	61.9												
50	77.1	313	61.9												
55	74.9	311	61.1												
60	72.6	310	60.0												
64				75.0	311	61.2									
65	70.4	308	58.9	74.5	310	61.2									
70	68.1	306	57.7	72.2	309	61.0									
75	65.8	304	56.1	70.0	307	60.3									
80	63.4	301	54.7	67.7	305	59.3									
85	61.0	299	53.6	65.3	303	57.9									
90	58.5	296	51.7	63.0	300	56.8									
95	55.9	292	50.0	60.5	297	55.7									
100	53.3	289	48.6	58.0	294	54.0									
105	50.5	285	47.4	55.4	291	52.5									
106							67.0	300	51.4						
110	47.7	280	44.8	52.8	287	51.3	64.9	298	48.8						
115	44.7	275	42.2	50.0	283	49.9	62.5	295	46.1						
120	41.5	270	39.9	47.1	278	47.1	60.0	292	43.7						
125	38.1	263	37.7	44.1	273	44.6	57.5	289	41.5						
130	34.4	256	35.9	40.9	268	42.3	54.9	285	39.5						
135	30.3	248	34.2	37.5	261	40.2	52.2	282	37.6						
140	26.8	241	18.1	33.7	254	38.5	49.5	277	35.9						
145	21.4	229	17.1	29.6	246	36.8	46.6	273	34.3						
150				24.7	236	35.0	44.2	269	30.2						
155										57.0	278	25.6			
155				20.3	226	18.3	41.0	263	29.0	57.0	278	25.3			
160							37.6	257	27.9	54.8	275	24.5			
165							33.9	250	26.7	52.2	271	23.4			
170							29.7	241	25.1	49.4	267	22.5			
175							24.9	231	23.5	46.5	262	21.6			
180							19.0	218	21.8	43.4	257	20.7			
185										40.1	251	19.9			
190										36.6	245	19.2			
195										32.8	237	18.4			
200										28.5	229	17.8			
205										23.5	218	17.1			
238													37.0	211	6.9
240													36.5	210	6.8
245													32.7	202	6.5
250													28.4	193	6.2
255													23.3	183	5.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 144 ft luffing jib 171 [ft] (2220), 144 [ft] (1311)</b>															
50	78.0	323	54.8												
50	78.0	323	54.8												
55	75.9	322	54.5												
60	73.9	320	53.8												
65	71.8	319	52.8												
66				75.0	320	54.2									
70	69.7	317	51.9	73.5	319	54.1									
75	67.5	315	50.7	71.4	317	53.9									
80	65.3	312	49.4	69.3	316	53.1									
85	63.1	310	48.4	67.1	313	52.2									
90	60.9	307	47.4	65.0	311	51.1									
95	58.5	304	45.8	62.7	309	50.2									
100	56.2	301	44.4	60.5	306	49.3									
105	53.7	297	43.2	58.1	303	47.9									
109							67.0	309	48.7						
110	51.2	293	42.2	55.7	299	46.6	66.7	308	48.3						
115	48.5	289	40.4	53.3	296	45.6	64.5	306	45.7						
120	45.8	284	38.3	50.7	292	44.7	62.3	303	43.3						
125	42.9	279	36.2	48.1	287	42.7	60.0	301	41.1						
130	39.9	273	34.4	45.3	282	40.7	57.6	297	39.1						
135	37.4	268	18.8	42.4	277	38.9	55.2	294	37.2						
140	33.9	261	17.8	39.3	271	37.2	52.8	290	35.5						
145	30.1	253	17.1	36.0	264	35.7	50.2	286	33.9						
150	25.7	243	16.3	32.4	257	34.2	48.2	283	29.6						
155	20.4	231	15.5	29.3	250	18.0	45.4	278	28.1						
160				24.8	240	17.1	42.5	273	26.7						
160										57.0	286	23.7			
165										55.2	283	23.0			
170				19.4	227	16.3	39.4	267	25.5	52.7	280	22.0			
175							32.5	252	23.2	50.1	276	21.1			
180							28.5	244	21.9	47.4	271	20.3			
185							23.8	233	20.6	44.7	266	19.5			
190							18.1	219	19.3	41.7	261	18.7			
195										38.6	255	18.0			
200										35.2	248	17.4			
205										31.5	240	16.7			
210										27.3	231	16.1			
215										22.5	219	15.5			
246													37.0	216	5.9
250													35.1	213	5.8
255													31.4	205	5.5
260													27.2	195	5.2
265													22.3	184	4.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 154 ft luffing jib 171 [ft] (2220), 154 [ft] (1311)</b>															
52	78.0	333	49.2												
55	76.8	332	49.1												
60	74.9	331	48.5												
65	73.0	329	47.8												
69				75.0	330	48.5									
70	71.0	327	47.0	74.6	329	48.5									
75	69.0	325	46.3	72.6	328	48.4									
80	67.0	323	45.1	70.7	326	48.0									
85	65.0	321	44.1	68.7	324	47.3									
90	62.9	318	43.2	66.7	322	46.6									
95	60.8	316	42.4	64.6	320	45.6									
100	58.6	313	41.0	62.5	317	44.8									
105	56.4	309	39.9	60.4	314	44.0									
110	54.1	306	38.8	58.2	311	42.8									
113							67.0	318	45.9						
115	51.7	302	37.9	56.0	308	41.8	66.3	317	45.4						
120	49.3	298	36.9	53.7	304	40.9	64.2	315	43.0						
125	46.8	293	35.3	51.3	300	40.2	62.1	312	40.8						
130	44.1	288	33.9	48.9	296	38.9	60.0	309	38.8						
135	42.0	284	19.6	46.3	291	37.5	57.8	306	36.9						
140	39.1	278	18.4	43.6	286	36.2	55.5	303	35.2						
145	36.0	271	17.3	40.8	281	35.0	53.2	299	33.6						
150	32.6	264	16.6	37.9	274	33.9	51.4	296	31.5						
155	28.9	255	15.9	35.4	269	18.6	48.9	292	30.7						
160	24.7	245	15.2	32.0	261	17.8	46.4	287	29.0						
165	19.5	232	14.4	28.2	252	17.0	43.7	282	27.4						
165										57.0	294	22.4			
170				23.9	242	16.1	40.9	276	25.9	55.5	292	21.7			
175				18.5	228	15.3	38.0	270	24.6	53.1	288	20.8			
180							34.8	263	23.5	50.8	284	20.0			
185							31.3	255	22.2	48.3	280	19.2			
190							27.4	246	20.8	45.7	275	18.5			
195							22.9	235	19.5	43.0	270	17.8			
200							17.2	220	18.2	40.2	264	17.1			
205										37.1	258	16.4			
210										33.9	250	15.8			
215										30.3	242	15.2			
220										26.3	233	14.7			
225										21.5	221	14.1			
254													37.0	222	5.2
255													37.0	222	5.2
260													33.8	215	4.9
265													30.2	207	4.6
270													26.1	197	4.4
275													21.4	186	4.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom                      164 ft luffing jib                      171 [ft] (2220), 164 [ft] (1311)</b>															
54	78.0	342	43.6												
55	77.6	342	43.6												
60	75.9	341	43.3												
65	74.0	339	42.7												
70	72.2	338	42.0												
72				75.0	339	42.9									
75	70.4	336	41.3	73.7	338	42.8									
80	68.5	334	40.6	71.9	337	42.7									
85	66.6	332	39.7	70.0	335	42.2									
90	64.6	330	38.8	68.1	333	41.7									
95	62.7	327	38.1	66.2	331	41.0									
100	60.7	324	37.4	64.3	328	40.2									
105	58.6	321	36.3	62.3	326	39.5									
110	56.6	318	35.3	60.3	323	38.8									
115	54.4	314	34.4	58.3	320	37.8									
117							67.0	327	40.8						
120	52.2	311	33.7	56.2	316	37.0	65.9	325	40.7						
125	50.5	307	23.2	54.0	313	36.2	63.9	323	40.4						
130	48.2	303	21.8	51.8	309	35.6	61.9	320	38.4						
135	45.7	298	20.4	49.6	305	34.9	59.9	318	36.5						
140	43.2	293	19.1	47.2	300	34.0	57.9	314	34.8						
145	40.6	287	18.0	44.7	295	33.2	55.8	311	33.2						
150	37.7	281	16.9	42.8	291	20.8	54.1	308	31.8						
155	34.7	274	16.0	40.1	285	19.6	51.9	304	30.5						
160	31.5	266	15.4	37.2	279	18.5	49.6	300	29.2						
165	27.9	257	14.7	34.2	272	17.6	47.3	296	28.0						
170	23.7	246	14.1	30.9	264	16.8	44.8	291	26.9						
171										57.0	303	20.9			
175	18.7	233	13.4	27.2	254	16.0	42.2	285	25.8	55.7	301	20.4			
180				22.9	243	15.2	39.5	279	24.8	53.5	297	19.5			
185				17.7	229	14.4	36.6	273	23.7	51.3	293	18.8			
190							33.5	266	22.5	49.0	289	18.0			
195							30.2	257	21.1	46.6	284	17.3			
200							26.4	248	19.8	44.1	279	16.7			
205							22.0	236	18.4	41.5	273	16.0			
210										38.8	267	15.4			
215										35.9	261	14.8			
220										32.7	253	14.3			
225										29.2	244	13.7			
230										25.3	234	13.2			
235										20.7	222	12.7			
262													37.0	228	4.3
265													35.8	225	4.2
270													32.6	218	3.9
275													29.1	209	3.7
280													25.2	199	3.5
285													20.5	187	3.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 174 ft luffing jib 171 [ft] (2220), 174 [ft] (1311)</b>															
56	78.0	352	39.2												
60	76.7	351	39.1												
65	75.0	350	38.7												
70	73.2	348	38.2												
74				75.0	349	38.5									
75	71.5	346	37.6	74.7	348	38.5									
80	69.8	345	37.0	72.9	347	38.4									
85	68.0	343	36.4	71.2	345	38.2									
90	66.2	340	35.6	69.4	343	37.8									
95	64.4	338	34.9	67.7	341	37.5									
100	62.5	335	34.4	65.9	339	36.9									
105	60.6	333	33.7	64.0	337	36.3									
110	59.1	330	29.3	62.2	334	35.8									
115	57.2	327	27.3	60.3	331	35.3									
120	55.2	324	25.4	58.4	328	34.6									
121							67.0	336	36.5						
125	53.1	320	23.8	56.4	325	34.0	65.5	334	36.4						
130	51.0	316	22.4	54.4	321	33.4	63.7	332	36.4						
135	48.9	312	21.0	52.8	318	26.1	61.8	329	36.1						
140	46.6	307	19.6	50.7	314	24.9	59.9	326	34.4						
145	44.3	302	18.4	48.5	310	23.3	58.4	324	31.9						
150	41.8	297	17.2	46.2	305	21.7	56.4	320	30.9						
155	39.2	291	16.1	43.8	300	20.3	54.4	317	29.8						
160	36.5	284	15.1	41.4	295	18.9	52.4	313	28.8						
165	33.6	277	14.5	38.8	289	17.7	50.2	309	27.6						
170	30.4	268	14.0	36.0	282	16.6	48.0	304	26.5						
175	26.9	259	13.5	33.1	274	15.9	45.7	300	25.4						
176										57.0	311	19.5			
180	22.9	248	13.1	29.8	266	15.3	43.4	294	24.2	55.9	309	19.1			
185	18.0	234	12.6	26.3	256	14.7	40.9	289	23.0	53.9	305	18.3			
190				22.1	245	14.1	38.2	283	21.9	51.8	302	17.6			
195							35.4	276	21.0	49.7	297	16.9			
200							32.4	268	19.9	47.4	293	16.2			
205							29.2	259	18.7	45.1	288	15.6			
210							25.5	249	17.6	42.7	283	15.0			
215							21.2	237	16.4	40.2	277	14.4			
220										37.5	270	13.9			
225										34.7	263	13.3			
230										31.6	256	12.8			
235										28.2	247	12.4			
240										24.4	236	11.9			
245										19.9	223	11.4			
270													37.0	234	3.4
270													37.0	234	3.4
275													34.6	228	3.2
280													31.5	220	2.9
285													28.1	211	2.7
290													24.3	201	2.5
295													19.8	188	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 184 ft luffing jib 171 [ft] (2220), 184 [ft] (1311)</b>															
58	78.0	361	34.8												
60	77.4	361	34.8												
65	75.8	360	34.5												
70	74.2	358	34.2												
75	72.5	357	33.8												
77				75.0	358	34.2									
80	70.9	355	33.2	73.9	357	34.2									
85	69.6	354	31.5	72.3	356	34.1									
90	67.9	352	30.9	70.6	354	33.8									
95	66.2	349	30.1	68.9	352	33.6									
100	64.5	347	29.4	67.2	350	33.3									
105	62.8	345	28.9	65.9	348	30.4									
110	61.0	342	28.0	64.2	346	29.8									
115	59.2	339	26.4	62.4	343	29.4									
120	57.3	336	24.9	60.7	340	28.7									
125							67.0	345	32.2						
125	55.4	332	23.6	58.8	337	27.7	67.0	345	29.6						
130	53.5	329	22.4	57.0	334	26.8	65.6	343	29.6						
135	51.5	325	21.4	55.1	331	26.0	63.9	341	29.5						
140	49.5	320	20.2	53.2	327	25.3	62.1	338	29.3						
145	47.4	316	18.9	51.2	323	24.7	60.3	335	28.8						
150	45.2	311	17.6	49.1	319	23.1	58.5	332	28.5						
155	42.9	306	16.4	47.0	314	21.4	56.6	329	27.4						
160	40.5	300	15.3	44.8	309	19.8	54.7	325	26.1						
165	38.0	294	14.3	42.5	304	18.4	52.8	322	25.1						
170	35.4	287	13.4	40.1	298	17.0	50.8	318	24.1						
175	32.5	279	13.0	37.6	292	15.8	48.7	313	23.3						
180	29.5	271	12.7	34.9	285	14.9	46.6	309	22.3						
182										57.0	319	18.4			
185	26.0	261	12.4	32.0	277	14.4	44.3	304	21.4	56.1	318	18.0			
190	22.1	249	12.1	28.9	268	14.0	42.0	298	20.6	54.2	314	17.3			
195	17.3	235	11.8	25.4	258	13.5	39.6	292	19.8	52.2	310	16.6			
200				21.4	246	13.1	37.1	286	19.1	50.2	306	15.9			
205							34.3	279	18.4	48.1	302	15.3			
210							31.4	271	17.4	46.0	297	14.7			
215							28.2	262	16.5	43.7	292	14.1			
220							24.6	251	15.5	41.4	286	13.6			
225							20.4	239	14.5	39.0	280	13.1			
230										36.4	273	12.6			
235										33.6	266	12.1			
240										30.6	258	11.6			
245										27.3	249	11.2			
250										23.6	238	10.7			
255										19.2	225	10.3			
278													37.0	240	2.6
280													36.3	238	2.5
285													33.5	231	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 194 ft luffing jib 171 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	371	29.0												
65	76.9	370	28.9												
70	75.4	369	28.8												
75	73.8	367	28.6												
79				75.0	368	30.3									
80	72.3	366	28.4	75.0	368	28.5									
85	70.7	364	28.1	73.5	366	28.5									
90	69.1	362	27.8	72.0	365	28.4									
95	67.5	360	27.3	70.4	363	28.1									
100	65.9	358	26.8	68.8	361	27.9									
105	64.3	356	26.3	67.2	359	27.5									
110	62.6	353	25.9	65.6	357	27.0									
115	60.9	350	25.3	64.0	354	26.6									
120	59.2	347	24.0	62.3	352	26.2									
125	57.4	344	22.9	60.6	349	25.7									
129							67.0	354	26.1						
130	55.6	341	21.9	58.9	346	24.8	66.9	354	26.1						
135	53.8	337	21.0	57.1	343	24.1	65.3	352	26.1						
140	51.9	333	20.2	55.3	339	23.4	63.6	349	26.0						
145	50.0	329	19.4	53.5	336	22.8	62.0	346	25.8						
150	48.0	325	18.5	51.6	332	22.3	60.3	344	25.5						
155	46.0	320	17.6	49.7	327	21.3	58.5	341	25.2						
160	43.9	315	16.7	47.7	323	20.2	56.8	337	24.6						
165	41.7	309	15.9	45.6	318	19.2	55.0	334	23.8						
170	39.4	303	15.2	43.5	313	18.2	53.1	330	23.2						
175	36.9	297	14.5	41.3	307	17.3	51.2	326	22.7						
180	34.3	290	13.9	38.9	301	16.4	49.3	322	22.0						
185	31.6	282	13.4	36.5	295	15.7	47.3	317	21.0						
187										57.0	327	17.1			
190	28.6	273	13.0	33.9	287	15.1	45.2	312	20.0	56.3	326	16.8			
195	25.2	263	12.5	31.1	279	14.5	43.1	307	19.1	54.5	323	16.1			
200	21.4	251	12.0	28.0	270	13.9	40.8	302	18.3	52.6	319	15.5			
205				24.6	260	13.3	38.5	295	17.5	50.7	315	14.8			
210				20.6	248	12.8	36.0	289	16.8	48.8	310	14.3			
215							33.3	281	16.1	46.7	306	13.7			
220							30.5	273	15.4	44.7	301	13.2			
225							27.4	264	14.7	42.5	295	12.6			
230							23.9	253	14.0	40.2	290	12.2			
235							19.8	240	13.2	37.8	283	11.7			
240										35.3	276	11.2			
245										32.6	269	10.8			
250										29.7	260	10.4			
255										26.5	251	10.0			
260										22.9	239	9.6			
265										18.5	226	9.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 203 ft luffing jib 171 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	381	25.4												
65	77.5	380	25.4												
70	76.1	379	25.2												
75	74.6	378	25.1												
80	73.1	376	24.9												
82				75.0	377	24.9									
85	71.7	375	24.7	74.4	377	24.8									
90	70.2	373	24.4	72.9	375	24.8									
95	68.7	371	24.2	71.4	373	24.7									
100	67.1	369	23.9	69.9	372	24.4									
105	65.6	367	23.5	68.4	370	24.3									
110	64.0	364	23.3	66.9	368	24.0									
115	62.4	362	23.0	65.3	365	23.7									
120	60.8	359	22.5	63.8	363	23.4									
125	59.2	356	21.7	62.2	360	23.2									
130	57.5	353	20.9	60.5	357	22.7									
132							67.0	363	22.6						
135	55.8	349	20.2	58.9	354	22.0	66.6	362	22.6						
140	54.1	346	19.5	57.2	351	21.3	65.0	360	22.6						
145	52.3	342	18.9	55.5	348	20.7	63.4	358	22.5						
150	50.5	338	18.4	53.8	344	20.2	61.8	355	22.3						
155	48.6	333	17.8	52.0	340	19.7	60.2	352	22.1						
160	46.7	329	17.3	50.2	336	19.3	58.6	349	22.0						
165	44.7	324	16.7	48.3	332	18.7	56.9	346	21.7						
170	42.7	318	16.2	46.4	327	18.1	55.2	342	21.4						
175	40.5	313	15.7	44.4	322	17.6	53.4	339	21.2						
180	38.3	306	15.3	42.3	317	17.1	51.6	335	20.9						
185	35.9	300	14.9	40.1	311	16.7	49.8	331	20.7						
190	33.4	292	14.4	37.9	304	16.3	47.9	326	19.7						
192										57.0	336	15.9			
195	30.7	284	13.8	35.5	298	15.9	46.0	321	18.7	56.5	335	15.7			
200	27.7	275	13.1	32.9	290	15.2	44.0	316	17.7	54.7	331	15.0			
205	24.5	264	12.5	30.2	282	14.5	41.9	311	16.7	53.0	327	14.4			
210	20.7	252	11.9	27.2	272	13.8	39.7	305	15.8	51.2	323	13.8			
215				23.9	262	13.1	37.4	298	15.1	49.3	319	13.3			
220				20.0	249	12.4	35.0	291	14.4	47.4	315	12.7			
225							32.4	284	13.9	45.5	310	12.2			
230							29.6	275	13.4	43.4	304	11.7			
235							26.6	266	13.0	41.3	299	11.3			
240							23.1	255	12.5	39.1	293	10.8			
245							19.1	241	12.0	36.8	286	10.4			
250										34.3	279	10.0			
255										31.7	271	9.6			
260										28.8	262	9.2			
265										25.7	252	8.8			
270										22.2	241	8.4			
275										17.9	227	8.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>66 ft luffing jib</b> <b>181 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	256	126.6												
35	77.3	256	126.6												
40	72.8	254	126.3												
45	68.1	252	123.2												
47				75.0	254	123.9									
50	63.2	250	117.2	72.4	253	123.9									
55	58.1	247	111.8	67.7	251	119.3									
60	52.7	243	106.8	62.8	248	113.7									
65	46.8	238	101.9	57.7	245	108.4									
70	40.2	233	94.5	52.3	242	99.8									
75	32.5	225	91.7	46.3	237	91.7									
80	22.3	215	83.0	39.7	231	84.6									
81							67.0	246	73.3						
85				31.9	224	78.5	63.2	244	69.2						
90				21.4	213	73.1	58.1	241	64.5						
95							52.6	237	60.4						
100							46.8	232	56.7						
105							40.2	227	53.4						
110							32.5	220	50.4						
115							25.0	212	33.0						
121										57.0	229	37.2			
125										53.0	226	35.8			
130										47.1	222	34.1			
135										42.2	218	32.5			
140										34.9	211	31.0			
145										25.7	202	29.6			
190													37.0	176	12.5
195													30.9	170	12.1
200													20.0	159	11.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>76 ft luffing jib</b> <b>181 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	265	117.1												
40	75.1	264	116.1												
45	71.1	263	113.6												
50				75.0	263	113.6									
50	67.0	261	109.3	74.8	263	113.6									
55	62.7	258	104.8	70.8	262	112.4									
60	58.3	255	100.4	66.7	260	107.7									
65	53.6	251	94.4	62.4	257	103.1									
70	48.6	247	92.1	58.0	254	98.7									
75	43.2	242	87.2	53.3	250	91.4									
80	37.1	236	83.1	48.2	246	84.4									
85							67.0	255	68.8						
85	29.9	228	78.0	42.8	241	78.3	67.0	255	68.7						
90	20.3	216	71.2	36.6	234	73.0	62.7	252	64.1						
95				29.3	226	68.3	58.3	249	60.0						
100				22.1	218	31.1	53.6	246	56.3						
105							48.6	241	53.0						
110							43.2	236	50.1						
115							37.0	230	47.4						
120							29.8	222	44.9						
125							22.9	213	32.8						
127										57.0	237	34.7			
130										53.9	235	33.6			
135										50.1	232	32.1			
140										44.8	227	30.6			
145										38.9	221	29.2			
150										32.1	213	27.9			
155										23.5	203	26.7			
198													37.0	182	11.2
200													35.9	181	11.1
205													28.4	172	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft luffing jib 181 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	275	106.3												
40	76.8	275	106.3												
45	73.4	273	104.7												
50	69.8	271	101.8												
52				75.0	273	104.8									
55	66.1	269	98.1	73.1	272	104.6									
60	62.3	267	94.3	69.5	270	102.2									
65	58.4	264	90.9	65.9	268	98.2									
70	54.3	260	87.3	62.1	265	94.0									
75	50.0	256	84.5	58.1	262	90.6									
80	45.3	251	79.8	54.0	259	84.1									
85	40.2	245	75.6	49.7	255	78.1									
89							67.0	264	64.7						
90	34.5	239	72.2	45.0	250	72.8	66.1	263	63.6						
95	27.7	230	67.2	39.9	244	68.1	62.3	261	59.5						
100	21.1	221	27.0	34.1	237	61.7	58.4	258	55.9						
105				27.2	228	57.6	54.3	254	52.6						
110				20.4	219	27.8	50.0	250	49.7						
115							45.3	245	47.0						
120							40.2	240	44.6						
125							34.5	233	42.4						
130							27.7	224	40.3						
132										57.0	245	32.1			
135										55.5	244	31.6			
140										51.3	240	30.1			
145										46.7	236	28.8			
150										41.8	230	27.5			
155										36.3	224	26.4			
160										29.9	216	25.3			
165										21.7	205	24.2			
206													37.0	188	10.0
210													33.4	183	9.8
215													26.3	174	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 95 ft luffing jib 181 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	285	94.8												
45	75.1	283	94.0												
50	72.0	282	92.0												
55				75.0	282	93.8									
55	68.7	280	89.9	74.9	282	93.8									
60	65.4	278	86.7	71.7	281	93.3									
65	62.0	275	84.3	68.5	279	91.1									
70	58.5	272	81.2	65.2	277	88.2									
75	54.9	269	78.2	61.8	274	85.7									
80	51.0	265	75.8	58.3	271	82.5									
85	47.0	260	72.6	54.6	267	77.9									
90	42.6	255	69.3	50.8	263	72.6									
93							67.0	273	61.1						
95	37.8	249	66.4	46.7	259	68.0	65.4	272	59.3						
100	32.4	241	49.7	42.3	253	59.5	62.0	269	55.6						
105	25.9	232	46.7	37.4	247	56.9	58.5	266	52.4						
110	19.6	222	23.6	32.0	240	54.0	54.9	263	49.5						
115				25.4	230	50.6	51.0	259	46.8						
120				18.9	220	25.1	47.0	254	44.4						
125							42.6	249	42.2						
130							37.8	243	40.2						
135							32.4	235	38.3						
137										57.0	254	30.3			
140							25.9	226	36.5	56.0	253	29.9			
145										52.2	249	28.5			
150										48.2	245	27.3			
155										43.9	240	26.1			
160										39.2	234	25.1			
165										34.0	227	24.0			
170										28.0	218	23.0			
175										20.2	206	22.1			
214													37.0	194	9.1
215													36.9	194	9.1
220													31.3	186	8.7
225													24.6	176	8.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 105 ft luffing jib 181 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	294	85.7												
45	76.6	294	85.7												
50	73.7	292	84.1												
55	70.8	290	82.2												
57				75.0	292	85.2									
60	67.9	288	80.3	73.5	291	85.1									
65	64.9	286	77.8	70.6	289	84.4									
70	61.8	284	75.9	67.7	287	82.9									
75	58.6	281	73.3	64.7	285	80.6									
80	55.3	277	70.6	61.6	282	78.8									
85	51.9	273	68.5	58.4	279	76.0									
90	48.3	269	66.3	55.1	276	72.3									
95	44.4	264	55.4	51.6	272	67.7									
97							67.0	282	57.7						
100	40.3	258	50.9	48.0	268	61.9	64.9	280	55.2						
105	35.7	252	47.1	44.1	263	57.7	61.8	278	51.9						
110	30.5	244	44.5	40.0	257	54.0	58.6	275	49.0						
115	24.4	233	42.2	35.4	250	50.9	55.3	271	46.4						
120	18.3	223	20.7	30.1	242	47.9	51.9	267	44.0						
125				23.9	232	44.9	48.2	263	41.8						
130				17.6	221	22.6	44.4	258	39.8						
135							40.2	252	37.9						
140							35.7	246	36.2						
143										57.0	262	28.3			
145							30.5	238	34.6	56.3	261	28.1			
150							24.4	227	33.1	52.9	258	26.8			
155										49.3	253	25.7			
160										45.6	249	24.6			
165										41.5	243	23.6			
170										37.1	237	22.7			
175										32.1	229	21.7			
180										26.3	220	20.9			
222													37.0	200	8.0
225													34.8	196	7.9
230													29.5	188	7.5
235													23.1	177	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 115 ft luffing jib 181 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	304	76.6												
45	77.7	304	76.6												
50	75.2	302	75.6												
55	72.5	301	74.3												
60				75.0	301	76.1									
60	69.9	299	72.8	75.0	301	76.1									
65	67.2	297	71.1	72.4	300	75.8									
70	64.4	295	69.1	69.7	298	74.9									
75	61.6	292	67.6	67.0	296	73.6									
80	58.7	289	61.6	64.2	294	71.8									
85	55.7	286	59.4	61.4	291	70.5									
90	52.6	282	57.6	58.5	288	68.4									
95	49.3	278	55.3	55.5	284	66.3									
100	45.9	273	51.1	52.3	281	60.4									
105							67.0	291	54.5						
105	42.2	268	47.2	49.1	276	58.0	64.4	289	51.5						
110	38.3	261	43.8	45.6	272	54.0	61.6	286	48.6						
115	33.9	254	41.0	41.9	266	50.4	58.7	283	46.0						
120	29.0	246	39.0	38.0	260	47.2	55.7	280	43.6						
125	23.0	235	37.0	33.6	253	44.6	52.6	276	41.4						
130				28.6	244	42.3	49.3	272	39.4						
135				22.6	233	40.0	45.9	267	37.5						
140							42.2	262	35.8						
145							38.2	256	34.2						
148										57.0	270	26.5			
150							34.9	250	31.6	56.6	270	26.3			
155							30.2	242	29.2	53.5	266	25.2			
160							24.5	232	26.8	50.3	262	24.1			
165										46.9	257	23.2			
170										43.3	252	22.2			
175										39.4	246	21.3			
180										35.2	240	20.5			
185										30.5	232	19.7			
190										24.9	222	18.9			
229													37.0	206	7.0
230													37.0	206	7.0
235													33.1	199	6.7
240													28.0	190	6.4
245													21.8	179	6.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 125 ft luffing jib 181 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	314	69.2												
50	76.4	313	69.2												
55	74.0	311	67.7												
60	71.5	310	66.4												
63				75.0	311	68.6									
65	69.1	308	62.6	73.8	310	68.5									
70	66.6	306	60.7	71.4	309	68.2									
75	64.0	303	59.0	68.9	307	67.2									
80	61.4	300	57.7	66.4	304	66.0									
85	58.8	297	55.5	63.9	302	61.1									
90	56.0	294	53.6	61.2	299	60.0									
95	53.1	290	51.9	58.6	296	58.1									
100	50.2	286	50.5	55.8	293	56.3									
104							67.0	300	51.7						
105	47.1	282	47.0	52.9	289	54.8	66.6	300	51.2						
110	43.8	277	43.8	50.0	285	53.1	64.0	297	48.3						
115	40.3	271	40.9	46.8	281	49.8	61.4	295	45.7						
120	36.5	264	38.4	43.5	275	46.8	58.7	292	43.3						
125	32.3	257	36.4	40.0	270	44.0	56.0	288	41.1						
130	27.6	248	34.6	36.2	263	41.6	53.1	285	39.1						
135	23.3	239	18.0	32.0	255	39.7	50.2	281	37.3						
140				27.2	246	37.9	47.1	276	35.6						
145				21.4	235	36.1	43.8	271	34.0						
150							41.1	266	29.9						
154										57.0	279	25.0			
155							37.4	260	29.0	56.8	278	24.9			
160							33.3	253	27.6	54.0	275	23.9			
165							28.7	244	25.7	51.1	271	22.9			
170							23.3	233	23.7	48.0	266	21.9			
175										44.8	261	21.1			
180										41.3	256	20.2			
185										37.6	250	19.5			
190										33.6	242	18.7			
195										29.0	234	18.0			
200										23.7	223	17.3			
237													37.0	212	6.2
240													35.8	209	6.1
245													31.5	202	5.8
250													26.6	192	5.5
255													20.7	180	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 135 ft luffing jib 181 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	323	59.1												
50	77.4	323	59.1												
55	75.2	321	58.4												
60	72.9	320	57.5												
65	70.7	318	56.4	75.0	320	58.4									
70	68.4	316	55.2	72.8	319	58.2									
75	66.1	314	53.6	70.5	317	57.7									
80	63.7	312	52.3	68.2	315	56.7									
85	61.3	309	51.3	65.9	313	55.4									
90	58.8	306	49.4	63.5	311	54.2									
95	56.3	303	47.8	61.1	308	53.3									
100	53.6	299	46.3	58.6	305	51.7									
105	50.9	295	45.2	56.1	301	50.2									
108							67.0	309	49.0						
110	48.1	291	42.7	53.4	298	48.9	66.1	308	47.8						
115	45.1	286	40.0	50.7	294	47.9	63.7	306	45.2						
120	41.9	280	37.5	47.9	289	45.1	61.3	303	42.9						
125	38.6	274	35.2	44.9	284	42.5	58.8	300	40.7						
130	34.9	267	33.2	41.7	279	40.0	56.3	297	38.7						
135	31.9	261	18.0	38.3	273	37.9	53.6	293	36.9						
140	27.5	252	17.1	34.7	266	36.0	50.9	289	35.2						
145	22.2	241	16.1	30.6	258	34.6	48.1	285	33.6						
150				26.0	248	33.1	45.8	281	28.7						
155				21.8	239	17.6	42.7	276	27.5						
159										57.0	287	23.6			
160							39.4	270	26.5	57.0	287	23.4			
165							35.8	263	25.6	54.4	283	22.4			
170							31.9	255	24.1	51.7	279	21.5			
175							27.5	246	22.5	48.9	275	20.6			
180							22.2	235	20.9	46.0	270	19.8			
185										42.9	265	19.0			
190										39.6	259	18.3			
195										36.0	252	17.6			
200										32.1	245	16.9			
205										27.7	236	16.3			
210										22.6	225	15.7			
245													37.0	217	5.3
250													34.2	212	5.1
255													30.1	204	4.8
260													25.4	194	4.6
265													19.6	181	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 144 ft luffing jib 181 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	333	53.1												
55	76.2	332	52.9												
60	74.1	330	52.2												
65	72.1	329	51.3												
68				75.0	330	52.5									
70	70.0	327	50.3	74.0	329	52.4									
75	67.8	325	49.3	71.9	328	52.2									
80	65.6	323	48.0	69.8	326	51.6									
85	63.4	320	46.9	67.7	324	50.8									
90	61.2	317	46.0	65.5	322	49.6									
95	58.9	314	44.4	63.3	319	48.7									
100	56.5	311	43.0	61.0	316	47.9									
105	54.0	308	41.8	58.7	313	46.5									
110	51.5	304	40.8	56.3	310	45.2									
112							67.0	318	46.4						
115	48.9	299	39.1	53.9	306	44.1	65.6	317	44.8						
120	46.2	295	36.7	51.3	302	43.2	63.4	314	42.4						
125	43.3	289	34.5	48.7	298	41.3	61.2	312	40.3						
130	41.0	285	19.1	46.0	293	38.9	58.8	309	38.3						
135	37.8	279	17.9	43.1	288	36.7	56.5	305	36.5						
140	34.4	272	17.0	40.1	282	34.8	54.0	302	34.8						
145	30.6	264	16.2	37.6	277	19.8	51.5	298	33.2						
150	26.3	254	15.5	34.1	270	18.7	49.5	295	27.5						
155	21.2	242	14.7	30.3	262	17.8	46.8	290	26.3						
160				26.0	252	16.9	44.0	285	25.3						
164										57.0	295	22.0			
165										57.0	295	21.8			
170				20.8	240	16.0	41.0	279	24.3	57.0	295	21.8			
175							37.8	273	23.5	54.8	292	21.0			
180							34.4	266	22.6	52.3	288	20.1			
185							30.6	258	21.3	49.7	284	19.3			
190							26.3	248	20.0	47.0	279	18.6			
195							21.2	236	18.7	44.2	274	17.8			
200										41.2	269	17.2			
205										38.0	262	16.5			
210										34.6	255	15.9			
215										30.8	247	15.3			
220										26.6	238	14.7			
225										21.6	226	14.1			
230													37.0	223	4.4
235													36.4	222	4.3
240													32.9	215	4.1
245													28.9	206	3.8
250													24.3	196	3.6
255													18.7	183	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>154 ft luffing jib</b> <b>181 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	342	47.3												
55	77.1	342	47.3												
60	75.2	341	46.7												
65	73.2	339	46.0												
70	71.3	337	45.2												
70				75.0	339	46.6									
75	69.3	335	44.5	73.1	338	46.5									
80	67.3	333	43.5	71.1	336	46.2									
85	65.3	331	42.4	69.2	334	45.6									
90	63.2	329	41.5	67.2	332	45.0									
95	61.1	326	40.7	65.1	330	43.9									
100	58.9	323	39.4	63.0	328	43.1									
105	56.7	320	38.3	60.9	325	42.4									
110	54.4	316	37.2	58.7	322	41.2									
115	52.1	312	36.3	56.5	319	40.2									
116							67.0	327	43.8						
120	49.6	308	35.4	54.2	315	39.3	65.2	325	42.1						
125	47.1	304	33.8	51.9	311	38.5	63.2	323	40.0						
130	45.1	300	19.2	49.5	307	37.4	61.1	320	38.0						
135	42.4	294	18.3	46.9	302	35.8	58.9	317	36.2						
140	39.5	288	17.4	44.3	297	34.3	56.7	314	34.5						
145	36.4	282	16.7	42.2	293	20.2	54.9	311	30.3						
150	33.1	274	16.0	39.3	287	19.2	52.6	307	29.3						
155	29.4	266	15.3	36.2	280	18.4	50.2	303	28.5						
160	25.3	256	14.6	32.9	273	17.5	47.7	299	27.2						
165	20.3	244	13.8	29.2	264	16.6	45.1	294	25.8						
170										57.0	303	20.7			
170				25.0	254	15.8	42.4	288	24.5	57.0	303	20.6			
175				19.9	242	14.9	39.5	283	23.4	55.1	300	19.8			
180							36.4	276	22.4	52.8	297	19.0			
185							33.1	269	21.3	50.4	292	18.3			
190							29.4	260	20.1	47.9	288	17.6			
195							25.3	250	18.9	45.3	283	16.9			
200							20.3	238	17.6	42.6	278	16.2			
205										39.7	272	15.6			
210										36.6	265	15.0			
215										33.3	258	14.4			
220										29.7	250	13.9			
225										25.5	240	13.4			
230										20.6	227	12.9			
261													37.0	229	3.6
265													35.1	225	3.5
270													31.6	217	3.3
275													27.8	208	3.0
280													23.4	197	2.8
285													17.9	184	2.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 164 ft luffing jib 181 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	352	42.6												
55	77.9	352	42.6												
60	76.1	351	42.2												
65	74.3	349	41.7												
70	72.5	348	41.0												
73				75.0	349	41.7									
75	70.6	346	40.3	74.2	348	41.7									
80	68.7	344	39.7	72.3	347	41.6									
85	66.8	342	38.8	70.5	345	41.2									
90	64.9	340	37.9	68.6	343	40.8									
95	63.0	337	37.1	66.7	341	40.2									
100	61.0	334	36.5	64.8	339	39.3									
105	58.9	331	35.4	62.8	336	38.6									
110	56.9	328	34.4	60.8	333	37.9									
115	54.7	325	33.5	58.8	330	36.9									
120							67.0	336	39.7						
120	53.0	322	21.4	56.7	327	36.1	66.8	336	39.7						
125	50.8	318	19.4	54.6	323	35.3	64.9	334	39.5						
130	48.5	313	18.7	52.4	320	34.6	62.9	331	37.6						
135	46.1	309	18.0	50.1	316	33.9	61.0	329	35.7						
140	43.6	304	17.4	48.3	312	20.2	58.9	326	34.1						
145	40.9	298	16.9	45.9	307	19.5	57.3	323	32.0						
150	38.1	292	16.3	43.4	302	18.9	55.2	320	30.9						
155	35.2	285	15.9	40.7	296	18.4	53.0	316	29.8						
160	31.9	277	15.2	37.9	290	17.9	50.8	312	28.5						
165	28.4	268	14.5	34.9	283	17.3	48.5	308	27.4						
170	24.3	258	13.8	31.7	275	16.5	46.1	303	26.3						
175										57.0	312	19.3			
175	19.5	245	13.2	28.1	266	15.7	43.6	298	25.1	57.0	312	19.2			
180				24.0	256	14.8	40.9	292	23.7	55.3	309	18.6			
185				19.1	243	13.9	38.1	286	22.4	53.2	305	17.8			
190							35.2	279	21.3	50.9	301	17.1			
195							31.9	271	20.2	48.6	297	16.4			
200							28.4	262	19.1	46.2	292	15.8			
205							24.3	252	17.9	43.7	287	15.2			
210							19.5	239	16.8	41.1	281	14.6			
215										38.3	275	14.0			
220										35.3	268	13.5			
225										32.1	261	13.0			
230										28.6	252	12.5			
235										24.6	241	12.0			
240										19.8	229	11.5			
269													37.0	235	2.6
270													36.9	235	2.6
275													33.9	228	2.4
280													30.5	220	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 174 ft luffing jib 181 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	362	38.0												
60	76.9	361	37.9												
65	75.2	360	37.4												
70	73.5	358	37.0												
75	71.7	356	36.4												
75				75.0	358	37.2									
80	70.0	355	35.8	73.4	357	37.2									
85	68.2	353	35.3	71.6	355	37.0									
90	66.4	351	34.5	69.9	354	36.7									
95	64.6	348	33.8	68.1	352	36.4									
100	62.8	346	33.2	66.3	349	35.9									
105	61.3	344	30.1	64.5	347	35.3									
110	59.4	341	27.3	62.6	345	34.8									
115	57.5	337	24.9	60.7	342	34.3									
120	55.5	334	22.6	58.8	339	33.6									
123							67.0	345	35.2						
125	53.4	330	20.7	57.3	336	27.0	66.4	345	35.2						
130	51.3	326	19.0	55.3	333	25.2	64.6	342	35.1						
135	49.2	322	18.0	53.3	329	23.7	62.8	340	35.0						
140	46.9	318	17.1	51.2	325	22.4	60.9	337	33.6						
145	44.6	313	16.3	49.0	321	21.1	59.4	335	30.8						
150	42.2	307	15.6	46.8	316	19.9	57.5	332	29.7						
155	39.6	301	14.9	44.4	311	18.8	55.5	328	28.0						
160	36.9	295	14.3	42.0	306	17.8	53.4	325	26.5						
165	34.0	287	13.8	39.4	300	16.8	51.3	321	25.2						
170	30.9	279	13.4	36.7	293	15.9	49.2	316	24.0						
175	27.4	270	12.9	33.8	286	15.3	46.9	312	22.7						
180	23.5	259	12.5	30.6	278	14.8	44.6	307	21.5						
180										57.0	320	17.9			
185	18.8	246	12.0	27.2	269	14.2	42.2	301	20.3	55.6	317	17.3			
190				23.2	258	13.7	39.6	295	19.3	53.5	314	16.6			
195				18.4	244	13.1	36.9	289	18.4	51.5	310	16.0			
200							34.0	282	17.6	49.3	306	15.3			
205							30.9	274	16.8	47.1	301	14.7			
210							27.4	264	16.1	44.7	296	14.1			
215							23.5	253	15.3	42.3	291	13.6			
220							18.7	240	14.5	39.8	285	13.1			
225										37.1	278	12.6			
230										34.2	271	12.1			
235										31.1	263	11.6			
240										27.6	254	11.2			
245										23.7	243	10.7			
250										19.1	230	10.3			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 184 ft luffing jib 181 [ft] (2220), 184 [ft] (1311)</b>															
59	78.0	371	34.2												
60	77.6	371	34.2												
65	76.0	370	33.9												
70	74.4	368	33.6												
75	72.8	367	33.2												
78				75.0	368	33.6									
80	71.5	366	31.0	74.3	367	33.6									
85	69.8	364	30.7	72.6	366	33.5									
90	68.2	362	30.1	71.0	364	33.2									
95	66.5	360	29.1	69.7	363	30.9									
100	64.7	357	28.3	68.0	361	30.5									
105	63.0	355	27.7	66.3	359	29.8									
110	61.2	352	26.9	64.6	356	29.1									
115	59.4	349	24.9	62.9	354	28.5									
120	57.6	346	23.0	61.1	351	27.9									
125	55.7	343	21.4	59.3	348	26.9									
127							67.0	354	29.0						
130	53.8	339	19.9	57.4	345	25.9	66.5	354	28.9						
135	51.8	335	18.7	55.6	341	25.0	64.7	351	28.9						
140	49.8	331	17.5	53.6	338	24.3	63.0	349	28.8						
145	47.7	326	16.5	51.6	334	23.6	61.2	346	28.4						
150	45.5	322	15.6	49.6	330	22.3	59.4	343	28.0						
155	43.2	316	14.7	47.5	325	20.7	57.6	340	27.3						
160	40.9	311	13.9	45.3	320	19.1	55.7	337	25.1						
165	38.4	304	13.2	43.1	315	17.7	53.8	333	23.2						
170	35.8	298	12.5	40.7	309	16.4	51.8	329	21.6						
175	33.0	290	12.2	38.2	303	15.2	49.7	325	20.2						
180	29.9	282	11.9	35.6	296	14.2	47.7	320	19.2						
185	26.5	272	11.7	32.7	289	13.8	45.5	316	18.3						
186										57.0	328	16.8			
190	22.7	261	11.4	29.7	280	13.5	43.2	310	17.4	55.8	326	16.3			
195	18.1	247	11.2	26.3	270	13.2	40.9	305	16.6	53.9	322	15.7			
200				22.4	259	12.9	38.4	299	15.8	51.9	318	15.0			
205				17.7	245	12.5	35.8	292	15.2	49.9	314	14.4			
210							32.9	284	14.7	47.8	310	13.8			
215							29.9	276	14.2	45.6	305	13.3			
220							26.5	266	13.7	43.4	300	12.8			
225							22.7	255	13.2	41.0	294	12.3			
230										38.5	288	11.8			
235										35.9	281	11.3			
240										33.1	274	10.9			
245										30.1	265	10.5			
250										26.7	256	10.1			
255										22.9	245	9.7			
260										18.4	231	9.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 194 ft luffing jib 181 [ft] (2220), 194 [ft] (1311)</b>															
61	78.0	381	27.9												
65	77.1	380	27.9												
70	75.6	379	27.7												
75	74.0	378	27.6												
80	72.5	376	27.3												
80				75.0	377	27.6									
85	70.9	374	27.0	73.9	376	27.6									
90	69.3	372	26.8	72.4	375	27.5									
95	67.7	370	26.3	70.8	373	27.3									
100	66.1	368	25.7	69.2	371	27.0									
105	64.5	366	25.2	67.6	369	26.7									
110	62.8	363	24.8	66.0	367	26.1									
115	61.1	360	24.2	64.4	365	25.6									
120	59.4	358	22.9	62.7	362	25.3									
125	57.7	354	21.6	61.0	359	24.8									
130	55.9	351	20.5	59.3	356	24.0									
131							67.0	363	25.2						
135	54.1	347	19.5	57.5	353	23.2	66.1	362	25.2						
140	52.2	344	18.6	55.8	350	22.5	64.5	360	25.2						
145	50.3	340	17.8	53.9	346	21.8	62.8	357	25.0						
150	48.3	335	17.1	52.1	342	21.3	61.1	355	24.8						
155	46.3	330	16.3	50.1	338	20.5	59.4	352	24.5						
160	44.2	325	15.6	48.2	334	19.5	57.7	349	24.1						
165	42.0	320	15.0	46.1	329	18.5	55.9	345	23.1						
170	39.7	314	14.4	44.0	324	17.6	54.1	342	22.1						
175	37.3	308	13.8	41.8	319	16.7	52.2	338	21.3						
180	34.7	300	13.3	39.5	313	15.9	50.3	334	20.5						
185	32.0	293	12.9	37.1	306	15.2	48.3	329	19.6						
190	29.0	284	12.5	34.5	299	14.6	46.3	325	18.5						
191										57.0	336	15.6			
195	25.7	274	12.0	31.8	291	14.0	44.2	319	17.4	56.0	334	15.2			
200	21.9	262	11.6	28.8	282	13.4	42.0	314	16.5	54.2	331	14.6			
205	17.4	248	11.1	25.5	272	12.9	39.7	308	15.6	52.3	327	14.0			
210				21.7	261	12.3	37.3	302	14.8	50.4	323	13.4			
215				17.0	246	11.7	34.7	295	14.2	48.4	319	12.9			
220							32.0	287	13.7	46.4	314	12.3			
225							29.0	278	13.3	44.3	309	11.8			
230							25.7	268	12.8	42.1	303	11.4			
235							21.9	256	12.4	39.8	297	10.9			
240										37.4	291	10.5			
245										34.9	284	10.1			
250										32.1	276	9.7			
255										29.2	268	9.3			
260										25.9	258	8.9			
265										22.2	246	8.5			
270										17.7	232	8.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 203 ft luffing jib 181 [ft] (2220), 203 [ft] (1311)</b>															
63	78.0	391	24.8												
65	77.7	390	24.8												
70	76.3	389	24.7												
75	74.8	388	24.5												
80	73.4	386	24.4												
83				75.0	387	24.4									
85	71.9	385	24.1	74.7	387	24.4									
90	70.4	383	23.8	73.2	385	24.3									
95	68.9	381	23.6	71.8	384	24.3									
100	67.3	379	23.3	70.3	382	24.0									
105	65.8	377	23.0	68.8	380	23.8									
110	64.2	374	22.7	67.2	378	23.5									
115	62.7	372	22.5	65.7	376	23.2									
120	61.1	369	22.1	64.1	373	22.9									
125	59.4	366	21.3	62.5	371	22.6									
130	57.8	363	20.5	60.9	368	22.3									
135							67.0	373	23.6						
135	56.1	360	19.8	59.3	365	21.6	67.0	373	22.2						
140	54.3	356	19.1	57.6	362	20.9	65.8	371	22.2						
145	52.6	352	18.5	55.9	358	20.4	64.2	368	22.1						
150	50.8	348	18.0	54.2	355	19.8	62.7	366	22.0						
155	48.9	344	17.5	52.4	351	19.4	61.0	363	21.8						
160	47.0	339	16.9	50.6	347	18.9	59.4	360	21.7						
165	45.0	334	16.3	48.8	343	18.3	57.8	357	21.5						
170	43.0	329	15.8	46.8	338	17.8	56.1	354	21.2						
175	40.8	323	15.3	44.9	333	17.2	54.3	350	20.9						
180	38.6	317	14.9	42.8	328	16.7	52.6	346	20.7						
185	36.2	311	14.5	40.7	322	16.3	50.8	342	20.5						
190	33.7	303	14.0	38.4	316	15.8	48.9	338	19.9						
195	31.1	295	13.4	36.1	309	15.4	47.0	333	18.8						
196										57.0	345	14.4			
200	28.2	286	12.8	33.6	302	14.8	45.0	328	17.7	56.2	343	14.1			
205	24.9	276	12.2	30.9	294	14.1	42.9	323	16.6	54.4	339	13.5			
210	21.3	264	11.6	27.9	284	13.3	40.8	317	15.6	52.7	336	12.9			
215	16.8	249	11.0	24.7	274	12.5	38.6	311	14.7	50.9	332	12.4			
220				21.0	262	11.8	36.2	305	13.8	49.0	327	11.9			
225							33.7	297	13.3	47.1	323	11.4			
230							31.1	289	12.9	45.1	318	10.9			
235							28.2	280	12.5	43.1	312	10.5			
240							24.9	270	12.1	40.9	307	10.1			
245							21.3	258	11.7	38.7	301	9.7			
250										36.4	294	9.3			
255										33.9	287	8.9			
260										31.2	279	8.5			
265										28.3	270	8.1			
270										25.1	260	7.8			
275										21.5	248	7.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 66 ft luffing jib 191 [ft] (2220), 66 [ft] (1311)</b>															
35	78.0	266	97.2												
35	77.9	266	97.2												
40	73.4	264	97.2												
45	68.7	262	97.2												
48				75.0	264	97.2									
50	63.9	260	97.2	73.5	263	97.2									
55	58.8	257	96.8	68.9	261	97.2									
60	53.4	253	96.2	64.0	259	97.2									
65	47.6	249	94.0	59.0	256	96.3									
70	41.2	243	89.9	53.6	252	94.4									
75	33.6	236	86.4	47.8	248	91.1									
80	24.0	227	80.8	41.4	243	84.1									
84							67.0	255	69.3						
85				33.9	236	78.1	65.7	255	67.9						
90				24.4	226	72.7	60.7	252	63.3						
95							55.5	248	59.3						
100							49.8	244	55.7						
105							43.6	239	52.4						
110							36.6	233	49.5						
115							27.9	224	46.8						
126										57.0	238	34.2			
130										53.4	235	32.8			
135										47.5	231	31.2			
140										41.1	226	29.8			
145										33.5	218	28.5			
150										23.8	209	27.2			
197													37.0	183	10.3
200													34.3	180	10.2
205													24.8	171	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>76 ft luffing jib</b> <b>191 [ft] (2220), 75 [ft] (1311)</b>															
37	78.0	275	97.2												
40	75.6	274	97.2												
45	71.6	273	97.2												
50	67.5	271	97.1												
51				75.0	273	97.2									
55	63.3	268	96.0	71.8	272	97.2									
60	58.9	265	93.4	67.7	270	97.2									
65	54.3	262	89.5	63.4	267	95.0									
70	49.3	258	86.4	59.0	264	92.0									
75	44.0	253	82.3	54.4	261	88.1									
80	38.0	247	78.8	49.5	257	83.9									
85	31.0	239	75.1	44.1	252	77.9									
88							67.0	264	65.1						
90	21.9	228	70.3	38.2	246	72.6	64.9	263	62.9						
95				31.2	238	67.9	60.6	260	58.9						
100				22.2	227	59.1	56.0	257	55.3						
105							51.2	253	52.0						
110							46.0	248	49.1						
115							40.3	243	46.5						
120							33.7	236	44.1						
125							25.6	226	41.8						
131										57.0	246	31.7			
135										54.2	244	30.8			
140										49.2	240	29.4			
145										43.9	235	28.0			
150										37.9	229	26.8			
155										30.8	221	25.7			
160										21.7	210	24.5			
205													37.0	189	9.2
205													37.0	189	9.2
210													31.5	183	8.9
215													22.7	172	8.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>85 ft luffing jib</b> <b>191 [ft] (2220), 85 [ft] (1311)</b>															
39	78.0	285	96.5												
40	77.3	285	96.5												
45	73.8	283	95.7												
50	70.3	281	93.2												
54				75.0	283	95.5									
55	66.6	279	90.1	73.9	282	95.5									
60	62.9	277	87.1	70.4	280	94.2									
65	59.0	274	83.9	66.7	278	90.7									
70	54.9	270	80.6	63.0	276	87.2									
75	50.6	266	78.0	59.1	273	84.0									
80	46.0	262	74.4	55.0	270	80.6									
85	41.0	256	70.9	50.7	266	77.6									
90	35.3	249	68.0	46.1	261	72.3									
91							67.0	273	61.3						
95	28.7	241	50.6	41.1	255	67.7	64.3	272	58.4						
100	20.1	229	46.7	35.5	249	60.2	60.4	269	54.8						
105				29.0	240	56.0	56.4	266	51.6						
110				20.5	229	51.5	52.2	262	48.7						
115							47.7	257	46.1						
120							42.9	252	43.7						
125							37.5	246	41.6						
130							31.3	238	39.5						
135							23.7	228	37.6						
136										57.0	254	29.6			
140										54.8	253	28.9			
145										50.5	249	27.6			
150										45.9	244	26.4			
155										40.9	238	25.3			
160										35.3	232	24.2			
165										28.6	223	23.2			
170										20.0	211	22.2			
213													37.0	195	8.1
215													35.8	193	8.0
220													29.3	185	7.6
225													20.9	174	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>95 ft luffing jib</b> <b>191 [ft] (2220), 95 [ft] (1311)</b>															
41	78.0	294	88.1												
45	75.6	293	87.5												
50	72.4	292	85.8												
55	69.2	290	83.8												
56				75.0	292	87.0									
60	65.9	288	81.0	72.5	291	86.7									
65	62.5	285	78.6	69.3	289	85.0									
70	59.0	282	76.0	66.0	287	82.5									
75	55.4	279	73.1	62.6	284	79.9									
80	51.6	275	70.9	59.1	281	77.3									
85	47.5	271	68.3	55.5	278	74.4									
90	43.2	265	56.5	51.7	274	72.0									
95	38.5	259	51.9	47.7	270	67.6									
95							67.0	282	58.0						
100	33.2	252	48.2	43.4	265	59.3	63.8	280	54.6						
105	26.9	243	45.0	38.6	259	56.2	60.3	277	51.4						
110	18.7	230	41.8	33.3	251	53.3	56.7	274	48.5						
115				27.1	242	49.7	53.0	270	45.9						
120				19.0	230	46.0	49.1	266	43.5						
125							44.8	261	41.4						
130							40.3	256	39.4						
135							35.2	249	37.5						
140							29.4	240	35.8						
142										57.0	263	27.9			
145							22.1	229	34.2	55.3	261	27.3			
150										51.5	257	26.1			
155										47.5	253	25.0			
160										43.1	248	24.0			
165										38.4	241	23.0			
170										33.1	234	22.0			
175										26.8	225	21.1			
180										18.5	212	20.3			
221													37.0	201	7.3
225													33.6	196	7.0
230													27.4	187	6.7
235													19.4	175	6.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 105 ft luffing jib 191 [ft] (2220), 105 [ft] (1311)</b>															
43	78.0	304	79.1												
45	76.9	304	79.1												
50	74.1	302	77.9												
55	71.2	301	76.2												
59				75.0	302	78.5									
60	68.3	299	74.5	74.2	301	78.4									
65	65.3	296	72.2	71.3	300	78.0									
70	62.2	294	70.3	68.4	298	76.6									
75	59.1	291	68.0	65.4	295	74.7									
80	55.8	287	65.6	62.3	293	72.8									
85	52.4	284	59.9	59.2	290	70.6									
90	48.8	279	57.2	55.9	287	68.0									
95	45.0	274	52.8	52.5	283	65.9									
99							67.0	291	54.7						
100	40.9	269	48.8	48.9	279	60.1	66.4	291	54.1						
105	36.4	262	45.3	45.1	274	56.2	63.4	289	50.9						
110	31.3	255	42.5	41.0	268	52.6	60.2	286	48.1						
115	25.3	245	39.8	36.5	262	49.6	57.0	283	45.5						
120	19.5	235	19.6	31.5	254	46.7	53.6	279	43.1						
125				25.5	244	43.7	50.1	275	41.0						
130				17.7	231	40.7	46.4	270	39.0						
135							42.4	265	37.2						
140							38.1	259	35.5						
145							33.3	251	33.9						
147										57.0	271	26.1			
150							29.1	245	29.2	55.7	270	25.6			
155							22.5	234	26.9	52.3	266	24.5			
160										48.7	262	23.5			
165										44.9	257	22.5			
170										40.8	251	21.6			
175										36.3	244	20.8			
180										31.2	237	19.9			
185										25.2	227	19.1			
190										17.3	213	18.4			
229													37.0	207	6.3
230													36.7	206	6.2
235													31.7	199	5.9
240													25.8	189	5.6
245													18.1	176	5.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 115 ft luffing jib 191 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	314	71.8												
50	75.5	312	71.1												
55	72.9	311	69.9												
60	70.3	309	68.5												
61				75.0	311	71.2									
65	67.6	307	66.9	73.0	310	71.0									
70	64.8	305	62.0	70.3	308	70.3									
75	62.0	302	60.5	67.6	306	69.1									
80	59.1	299	58.4	64.9	304	67.5									
85	56.1	296	56.2	62.1	301	66.1									
90	53.0	292	54.3	59.2	298	60.8									
95	49.8	288	52.6	56.2	295	58.8									
100	46.3	283	48.8	53.1	291	57.0									
103							67.0	301	51.7						
105	42.7	278	45.3	49.9	287	55.3	65.8	300	50.4						
110	38.8	272	42.2	46.5	283	52.0	63.0	297	47.6						
115	34.5	265	39.6	42.8	277	49.0	60.2	294	45.0						
120	29.7	257	37.4	38.9	271	46.4	57.2	291	42.7						
125	23.9	246	35.2	34.7	264	44.1	54.2	287	40.5						
130	18.4	236	17.8	29.9	256	41.5	51.0	284	38.6						
135				24.1	246	39.0	47.6	279	36.8						
140				18.6	235	19.4	44.1	274	35.1						
145							40.3	268	33.5						
150							37.2	263	30.3						
152										57.0	279	24.4			
155							32.7	256	28.8	56.1	278	24.0			
160							27.5	247	26.6	53.0	274	23.0			
165							21.2	235	24.3	49.7	270	22.1			
170										46.3	266	21.2			
175										42.7	260	20.3			
180										38.8	254	19.5			
185										34.5	247	18.7			
190										29.6	239	18.0			
195										23.9	229	17.3			
200										16.2	214	16.6			
236													37.0	213	5.3
240													34.9	209	5.2
245													30.1	201	4.9
250													24.4	191	4.6
255													17.0	177	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 125 ft luffing jib 191 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	323	61.9												
50	76.7	323	61.9												
55	74.3	321	60.9												
60	71.9	320	59.7												
64				75.0	321	61.0									
65	69.4	318	58.5	74.4	320	61.0									
70	66.9	316	56.8	72.0	319	60.7									
75	64.4	313	55.1	69.5	317	59.7									
80	61.8	311	53.9	67.0	315	58.6									
85	59.1	308	52.0	64.5	312	57.1									
90	56.4	304	50.1	61.9	310	55.9									
95	53.5	301	48.5	59.2	307	54.3									
100	50.6	297	47.2	56.5	304	52.6									
105	47.5	292	44.3	53.6	300	51.2									
107							67.0	310	49.1						
110	44.2	287	41.4	50.7	296	50.0	65.3	308	47.3						
115	40.8	282	38.7	47.6	291	47.4	62.8	306	44.7						
120	37.0	275	36.4	44.3	286	45.0	60.1	303	42.4						
125	32.9	268	34.4	40.9	281	42.7	57.4	300	40.3						
130	29.4	261	18.0	37.2	274	40.7	54.6	296	38.3						
135	24.1	251	17.0	33.1	267	38.8	51.7	292	36.5						
140	17.3	237	16.0	28.4	258	36.6	48.7	288	34.8						
145				22.9	247	34.5	45.5	283	33.3						
150				17.6	236	17.4	42.9	279	29.0						
155							39.3	273	27.7						
158										57.0	287	22.9			
160							35.4	266	26.6	56.3	287	22.7			
165							31.1	258	24.9	53.5	283	21.8			
170							26.2	249	23.2	50.5	279	20.9			
175							20.1	236	21.5	47.5	274	20.0			
180										44.2	269	19.2			
185										40.7	264	18.5			
190										37.0	257	17.8			
195										32.9	250	17.1			
200										28.2	241	16.4			
205										22.6	230	15.8			
244													37.0	219	4.6
245													37.0	219	4.6
250													33.2	212	4.3
255													28.6	203	4.1
260													23.2	192	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 135 ft luffing jib 191 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	333	56.0												
50	77.7	333	56.0												
55	75.5	332	55.5												
60	73.3	330	54.6												
65	71.0	328	53.5												
66				75.0	330	55.3									
70	68.7	326	52.5	73.3	329	55.1									
75	66.4	324	50.9	71.1	327	54.7									
80	64.0	322	49.6	68.8	325	53.7									
85	61.6	319	48.6	66.5	323	52.6									
90	59.2	316	46.9	64.1	321	51.4									
95	56.6	313	45.3	61.7	318	50.5									
100	54.0	309	44.0	59.2	315	49.1									
105	51.3	305	42.8	56.7	312	47.6									
110	48.5	301	40.8	54.1	309	46.4									
111							67.0	319	46.5						
115	45.5	296	38.3	51.4	305	45.3	64.9	317	44.3						
120	42.4	291	35.9	48.5	300	43.5	62.5	314	42.0						
125	39.0	285	33.8	45.6	295	41.3	60.1	311	39.8						
130	36.3	280	18.1	42.5	290	39.3	57.6	308	37.9						
135	32.5	272	17.2	39.2	284	37.5	55.0	305	36.1						
140	28.1	263	16.4	35.6	277	36.0	52.3	301	34.4						
145	23.0	252	15.6	31.6	270	34.3	50.2	298	29.3						
150				28.3	263	18.0	47.3	293	28.0						
155				23.2	252	17.1	44.3	288	26.6						
160				16.6	237	16.0	41.1	282	25.4						
163										57.0	296	21.4			
165										56.6	295	21.3			
170							37.7	276	24.3	54.0	292	20.4			
175							33.9	269	23.3	51.2	288	19.6			
180							29.8	261	21.9	48.4	283	18.8			
185							25.0	251	20.6	45.5	278	18.0			
190							19.1	238	19.3	42.3	273	17.3			
195										39.0	267	16.7			
200										35.4	260	16.0			
205										31.4	252	15.4			
210										26.9	243	14.8			
215										21.6	231	14.3			
252													37.0	224	3.6
255													35.7	222	3.5
260													31.8	214	3.3
265													27.4	205	3.1
270													22.1	194	2.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom                      144 ft luffing jib                      191 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	343	50.1												
55	76.5	342	50.1												
60	74.4	340	49.3												
65	72.4	339	48.4												
69				75.0	340	49.5									
70	70.2	337	47.5	74.5	339	49.5									
75	68.1	335	46.5	72.4	338	49.3									
80	65.9	333	45.2	70.3	336	48.7									
85	63.7	330	44.1	68.2	334	47.8									
90	61.5	328	43.3	66.0	332	46.8									
95	59.2	325	41.9	63.8	329	45.8									
100	56.8	321	40.5	61.6	327	45.0									
105	54.4	318	39.3	59.2	324	43.8									
110	51.9	314	38.3	56.9	321	42.6									
114							67.0	328	44.1						
115	49.3	310	37.0	54.5	317	41.5	66.7	327	43.8						
120	46.6	305	34.8	52.0	313	40.6	64.6	325	41.5						
125	44.4	301	19.5	49.4	309	39.3	62.3	322	39.4						
130	41.4	296	18.2	46.6	304	37.4	60.0	320	37.4						
135	38.3	290	17.0	43.8	299	35.7	57.7	317	35.6						
140	34.9	283	16.1	40.8	294	34.1	55.3	313	34.0						
145	31.1	275	15.5	38.4	289	18.9	53.4	310	28.1						
150	26.9	265	14.9	35.0	282	17.8	50.9	306	26.7						
155	22.0	254	14.3	31.3	274	17.1	48.2	302	25.4						
160				27.1	265	16.3	45.4	297	24.2						
165				22.2	253	15.5	42.5	292	23.0						
168										57.0	304	20.0			
170							39.5	286	22.0	56.8	304	19.9			
175							36.2	279	21.1	54.3	300	19.1			
180							32.6	272	20.2	51.8	296	18.3			
185							28.6	263	19.2	49.2	292	17.6			
190							23.9	252	18.2	46.5	287	16.9			
195							18.2	239	17.2	43.7	282	16.2			
200										40.7	276	15.6			
205										37.5	270	15.0			
210										34.0	263	14.4			
215										30.2	255	13.9			
220										25.8	245	13.3			
225										20.6	233	12.8			
260													37.0	230	2.6
265													34.3	225	2.4
270													30.5	217	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 154 ft luffing jib 191 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	352	45.2												
55	77.4	352	45.2												
60	75.5	351	44.7												
65	73.5	349	44.2												
70	71.6	347	43.3												
71				75.0	349	44.5									
75	69.6	346	42.6	73.6	348	44.4									
80	67.6	344	41.6	71.6	347	44.3									
85	65.5	341	40.6	69.6	345	43.6									
90	63.5	339	39.7	67.6	343	42.9									
95	61.4	336	39.0	65.6	340	42.0									
100	59.2	333	37.8	63.5	338	41.2									
105	57.0	330	36.7	61.4	335	40.5									
110	54.7	326	35.7	59.3	332	39.6									
115	52.4	323	34.8	57.1	329	38.8									
118							67.0	337	41.1						
120	50.0	319	34.0	54.8	326	38.0	66.3	336	41.0						
125	48.1	315	19.9	52.5	322	37.4	64.2	334	39.1						
130	45.5	310	18.7	50.1	318	36.6	62.1	331	37.1						
135	42.8	305	17.7	47.6	313	35.0	60.0	328	35.4						
140	39.9	299	16.7	44.9	308	33.6	57.8	325	33.7						
145	36.9	293	15.8	42.9	304	19.9	56.1	322	30.1						
150	33.6	285	15.2	40.0	298	18.7	53.8	319	28.4						
155	30.0	277	14.6	37.0	292	17.6	51.4	315	26.9						
160	25.9	267	14.0	33.7	285	16.7	49.0	311	25.6						
165	21.1	255	13.4	30.1	276	16.0	46.4	306	24.2						
170				26.0	267	15.2	43.8	301	22.9						
174										57.0	312	18.8			
175				21.2	255	14.5	41.0	295	21.7	57.0	312	18.8			
180							38.0	289	20.6	54.7	309	18.0			
185							34.8	282	19.7	52.4	305	17.3			
190							31.3	274	18.7	49.9	301	16.6			
195							27.5	265	17.8	47.4	296	15.9			
200							23.0	254	16.8	44.8	291	15.3			
205										42.1	286	14.7			
210										39.2	280	14.1			
215										36.1	273	13.6			
220										32.7	266	13.1			
225										29.0	257	12.6			
230										24.8	247	12.1			
235										19.7	234	11.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 164 ft luffing jib 191 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	362	40.3												
60	76.3	361	40.1												
65	74.5	359	39.6												
70	72.7	358	39.0												
74				75.0	359	39.6									
75	70.9	356	38.3	74.6	358	39.5									
80	69.0	354	37.8	72.8	357	39.4									
85	67.1	352	36.9	70.9	355	39.1									
90	65.2	350	36.0	69.1	353	38.6									
95	63.2	347	35.2	67.2	351	38.1									
100	61.2	345	34.6	65.2	349	37.3									
105	59.2	342	33.7	63.3	346	36.6									
110	57.6	339	26.5	61.3	344	36.0									
115	55.5	336	24.0	59.3	341	35.5									
120	53.3	332	21.8	57.2	338	34.9									
122							67.0	346	37.0						
125	51.1	328	19.9	55.1	334	34.5	65.9	345	36.9						
130	48.8	324	18.8	52.9	330	34.0	64.0	342	36.7						
135	46.4	319	17.8	50.7	326	33.7	62.0	339	34.9						
140	43.9	314	17.0	48.9	323	22.5	60.0	337	33.3						
145	41.3	308	16.2	46.5	318	21.0	58.4	334	31.8						
150	38.5	302	15.4	44.0	313	19.7	56.3	331	30.4						
155	35.6	296	14.8	41.4	308	18.5	54.2	327	28.7						
160	32.4	288	14.3	38.6	302	17.3	51.9	324	27.2						
165	28.9	279	13.7	35.7	295	16.4	49.7	319	26.0						
170	24.9	269	13.1	32.5	287	15.6	47.3	315	24.4						
175	20.2	257	12.6	29.0	279	14.9	44.9	310	22.9						
179										57.0	320	17.6			
180				25.1	268	14.2	42.3	304	21.5	57.0	320	17.5			
185				20.4	256	13.5	39.6	299	20.2	55.0	317	16.8			
190							36.7	292	19.1	52.8	313	16.1			
195							33.6	285	18.2	50.6	309	15.5			
200							30.2	276	17.3	48.2	305	14.8			
205							26.5	267	16.4	45.8	300	14.3			
210							22.1	255	15.5	43.3	295	13.7			
215										40.6	289	13.2			
220										37.8	283	12.7			
225										34.8	276	12.2			
230										31.6	268	11.7			
235										28.0	259	11.2			
240										23.9	248	10.8			
245										18.9	235	10.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 174 ft luffing jib 191 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	371	36.6												
60	77.1	371	36.6												
65	75.4	370	36.1												
70	73.7	368	35.7												
75	72.0	367	35.1												
76				75.0	368	35.9									
80	70.2	365	34.5	73.8	367	35.9									
85	68.5	363	34.0	72.0	366	35.7									
90	66.7	361	33.2	70.3	364	35.4									
95	65.3	359	30.6	68.5	362	35.1									
100	63.4	356	29.7	66.7	360	34.6									
105	61.6	354	29.1	64.9	357	34.0									
110	59.7	351	26.7	63.1	355	33.4									
115	57.7	348	24.4	61.6	353	30.1									
120	55.7	344	22.3	59.7	350	28.6									
125	53.7	341	20.5	57.8	347	27.0									
126							67.0	355	33.4						
130	51.6	337	18.9	55.8	343	25.6	65.5	353	33.4						
135	49.5	333	17.8	53.8	340	24.3	63.7	351	33.4						
140	47.2	328	16.8	51.7	336	23.3	62.3	349	31.5						
145	44.9	323	16.0	49.5	332	21.9	60.4	346	30.6						
150	42.5	318	15.1	47.3	327	20.5	58.5	343	29.7						
155	40.0	312	14.4	45.0	322	19.1	56.5	339	28.1						
160	37.3	305	13.7	42.6	317	17.9	54.5	336	26.2						
165	34.4	298	13.2	40.0	311	16.7	52.4	332	24.6						
170	31.3	290	12.7	37.4	305	15.6	50.3	328	23.2						
175	27.9	281	12.3	34.5	298	14.8	48.1	324	22.0						
180	24.1	271	11.9	31.4	290	14.3	45.8	319	20.8						
185										57.0	329	16.3			
185	19.5	258	11.5	28.0	281	13.7	43.4	314	19.6	57.0	329	16.2			
190				24.2	270	13.2	40.9	308	18.6	55.2	326	15.6			
195				19.6	257	12.6	38.3	302	17.7	53.2	322	15.0			
200							35.5	295	16.9	51.1	318	14.4			
205							32.5	287	16.2	48.9	314	13.8			
210							29.2	279	15.5	46.7	309	13.3			
215							25.5	269	14.8	44.3	304	12.7			
220							21.3	257	14.1	41.9	299	12.2			
225										39.3	293	11.7			
230										36.6	286	11.3			
235										33.7	279	10.8			
240										30.5	270	10.4			
245										27.0	261	10.0			
250										23.0	250	9.6			
255										18.2	236	9.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 184 ft luffing jib 191 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	381	32.8												
60	78.0	381	30.8												
65	76.6	380	30.6												
70	75.0	379	30.4												
75	73.4	377	30.2												
79				75.0	378	32.3									
80	71.7	376	29.9	75.0	378	30.6									
85	70.1	374	29.6	73.4	376	30.6									
90	68.4	372	29.0	71.8	375	30.5									
95	66.7	370	28.1	70.1	373	30.1									
100	65.0	367	27.2	68.4	371	29.8									
105	63.2	365	26.4	66.8	369	29.1									
110	61.5	362	25.8	65.0	367	28.1									
115	59.7	359	23.9	63.3	364	27.3									
120	57.8	356	22.1	61.5	361	26.7									
125	56.0	353	20.5	59.7	358	25.7									
130							67.0	364	29.9						
130	54.0	349	19.1	57.9	355	24.8	67.0	364	28.3						
135	52.1	345	17.8	56.0	352	23.9	65.6	362	28.3						
140	50.0	341	16.7	54.1	348	23.1	63.9	360	28.2						
145	48.0	337	15.8	52.1	345	22.4	62.1	357	27.9						
150	45.8	332	14.9	50.1	340	21.4	60.3	354	27.5						
155	43.5	327	14.1	48.0	336	20.0	58.5	351	27.2						
160	41.2	321	13.4	45.9	331	18.6	56.6	348	25.7						
165	38.7	315	12.6	43.6	326	17.3	54.7	344	23.7						
170	36.1	308	12.0	41.3	320	16.1	52.8	341	21.8						
175	33.3	301	11.6	38.8	314	15.0	50.8	337	20.3						
180	30.3	293	11.3	36.2	308	14.0	48.7	332	19.1						
185	27.0	283	11.0	33.4	300	13.4	46.6	328	18.3						
190										57.0	337	15.3			
190	23.2	272	10.7	30.4	292	13.0	44.4	323	17.5	57.0	337	15.2			
195	18.8	259	10.4	27.1	283	12.6	42.1	317	16.7	55.5	334	14.7			
200				23.4	272	12.2	39.7	311	16.0	53.6	331	14.1			
205				18.9	258	11.8	37.1	305	15.4	51.6	327	13.5			
210							34.4	298	14.8	49.5	322	12.9			
215							31.5	290	14.3	47.4	318	12.4			
220							28.3	281	13.8	45.2	313	11.9			
225							24.7	270	13.3	43.0	308	11.4			
230							20.5	258	12.8	40.6	302	11.0			
235										38.1	296	10.5			
240										35.5	289	10.1			
245										32.6	281	9.7			
250										29.5	273	9.3			
255										26.1	263	8.9			
260										22.2	252	8.6			
265										17.5	237	8.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 194 ft luffing jib 191 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	391	27.4												
65	77.3	390	27.4												
70	75.8	389	27.2												
75	74.2	388	27.1												
80	72.7	386	26.8												
82				75.0	387	27.1									
85	71.1	384	26.5	74.3	387	27.1									
90	69.5	382	26.2	72.7	385	27.0									
95	68.0	380	25.7	71.2	383	26.8									
100	66.3	378	25.1	69.6	382	26.6									
105	64.7	376	24.5	68.0	380	26.3									
110	63.0	373	24.0	66.4	377	25.7									
115	61.4	371	23.6	64.8	375	25.1									
120	59.7	368	22.2	63.1	373	24.6									
125	57.9	365	21.0	61.4	370	24.2									
130	56.1	361	19.8	59.7	367	23.4									
134							67.0	373	24.9						
135	54.3	358	18.8	58.0	364	22.5	66.9	373	24.9						
140	52.5	354	17.9	56.2	360	21.8	65.3	371	24.8						
145	50.6	350	17.0	54.4	357	21.1	63.7	368	24.8						
150	48.6	346	16.2	52.5	353	20.5	62.0	366	24.5						
155	46.6	341	15.4	50.6	349	19.9	60.3	363	24.3						
160	44.5	336	14.7	48.7	345	18.9	58.6	360	24.0						
165	42.3	330	14.0	46.6	340	17.9	56.8	356	23.2						
170	40.0	325	13.4	44.5	335	17.0	55.0	353	22.1						
175	37.6	318	12.8	42.4	330	16.1	53.2	349	21.2						
180	35.1	311	12.2	40.1	324	15.3	51.3	345	20.3						
185	32.4	304	11.8	37.7	317	14.6	49.3	341	19.6						
190	29.4	295	11.4	35.2	311	14.0	47.3	336	18.5						
195	26.2	285	11.0	32.4	303	13.4	45.2	332	17.6						
195										57.0	345	14.0			
200	22.5	274	10.6	29.5	294	12.9	43.1	326	16.6	55.7	343	13.6			
205	18.1	260	10.2	26.3	285	12.3	40.9	321	15.8	53.9	339	13.0			
210				22.6	273	11.8	38.5	314	15.0	52.0	335	12.5			
215				18.3	259	11.2	36.0	308	14.3	50.1	331	12.0			
220							33.4	300	13.8	48.1	327	11.5			
225							30.5	292	13.4	46.1	322	11.0			
230							27.4	283	12.9	43.9	317	10.6			
235							23.9	272	12.5	41.7	311	10.1			
240							19.8	259	12.0	39.4	305	9.7			
245										37.0	299	9.3			
250										34.4	292	8.9			
255										31.7	284	8.5			
260										28.7	275	8.2			
265										25.3	265	7.8			
270										21.5	253	7.5			
275										16.8	238	7.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 203 ft luffing jib 191 [ft] (2220), 203 [ft] (1311)</b>															
64	78.0	400	24.0												
65	77.9	400	24.0												
70	76.5	399	23.8												
75	75.0	398	23.7												
80	73.6	396	23.6												
84				75.0	397	25.1									
85	72.1	395	23.4	75.0	397	23.5									
90	70.6	393	23.1	73.6	395	23.5									
95	69.1	391	22.9	72.1	394	23.4									
100	67.6	389	22.6	70.6	392	23.2									
105	66.0	387	22.3	69.1	390	23.1									
110	64.5	384	22.0	67.6	388	22.9									
115	62.9	382	21.7	66.1	386	22.6									
120	61.3	379	21.4	64.5	384	22.2									
125	59.6	376	20.6	62.9	381	22.0									
130	58.0	373	19.8	61.3	378	21.7									
135	56.3	370	19.0	59.7	375	21.0									
138							67.0	382	21.5						
140	54.6	366	18.4	58.0	372	20.3	66.6	381	21.5						
145	52.8	363	17.8	56.4	369	19.7	65.0	379	21.4						
150	51.0	359	17.2	54.6	365	19.1	63.5	377	21.4						
155	49.2	354	16.6	52.9	362	18.6	61.9	374	21.2						
160	47.3	350	15.9	51.1	358	18.1	60.2	371	21.0						
165	45.3	345	15.2	49.2	353	17.6	58.6	368	20.8						
170	43.2	340	14.6	47.3	349	17.0	56.9	365	20.6						
175	41.1	334	14.0	45.3	344	16.4	55.2	361	20.3						
180	38.9	328	13.5	43.3	339	15.9	53.5	358	20.1						
185	36.6	321	13.0	41.2	333	15.4	51.7	354	19.9						
190	34.1	314	12.5	39.0	327	14.9	49.8	350	19.7						
195	31.4	306	12.0	36.6	321	14.5	48.0	345	18.8						
200	28.6	297	11.5	34.2	313	14.0	46.0	341	17.7						
201										57.0	353	12.9			
205	25.4	287	10.9	31.5	305	13.3	44.0	335	16.7	55.9	351	12.6			
210	21.8	275	10.4	28.7	297	12.7	41.9	330	15.7	54.1	348	12.0			
215	17.5	261	9.9	25.5	287	12.0	39.7	324	14.8	52.4	344	11.5			
220				21.9	275	11.4	37.4	318	14.0	50.6	340	11.0			
225				17.6	260	10.7	35.0	311	13.3	48.7	335	10.6			
230							32.4	303	12.9	46.8	331	10.1			
235							29.7	294	12.5	44.8	326	9.7			
240							26.6	285	12.0	42.7	320	9.3			
245							23.2	274	11.6	40.6	315	8.9			
250							19.2	260	11.2	38.3	309	8.5			
255										36.0	302	8.1			
260										33.5	294	7.8			
265										30.8	286	7.4			
270										27.8	277	7.1			
275										24.6	267	6.8			
280										20.8	254	6.5			
285										16.2	239	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft luffing jib 200 [ft] (2220), 66 [ft] (1311)</b>															
36	78.0	274	97.2												
40	74.0	273	97.2												
45	69.3	271	97.2												
50				75.0	272	97.2									
50	64.5	269	96.6	74.5	272	97.2									
55	59.5	266	94.8	69.9	271	97.2									
60	54.1	263	91.5	65.1	268	95.9									
65	48.4	258	88.5	60.1	265	93.4									
70	42.0	253	84.6	54.8	262	89.3									
75	34.6	246	81.5	49.1	258	86.0									
80	25.4	237	78.4	42.8	253	82.1									
85				35.6	246	77.6									
86							67.0	264	66.0						
90				26.7	237	72.3	63.0	262	62.4						
95				16.8	227	31.4	57.9	259	58.4						
100							52.5	255	54.8						
105							46.6	250	51.6						
110							40.0	245	48.7						
115							32.2	237	46.1						
120							21.9	227	43.6						
129										57.0	246	31.9			
130										57.0	246	31.6			
135										51.9	242	30.2			
140										46.0	238	28.8			
145										39.3	232	27.5			
150										31.4	224	26.3			
203													37.0	189	8.7
205													36.3	189	8.6
210													27.5	180	8.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft luffing jib 200 [ft] (2220), 75 [ft] (1311)</b>															
38	78.0	284	96.4												
40	76.1	283	96.4												
45	72.1	282	95.6												
50	68.1	280	92.7												
52				75.0	282	95.2									
55	63.8	277	89.2	72.6	281	95.1									
60	59.5	275	86.1	68.6	279	92.3									
65	54.9	271	82.6	64.4	277	88.6									
70	50.0	267	80.0	60.0	274	85.4									
75	44.6	262	76.5	55.4	271	81.7									
80	38.7	256	73.5	50.6	267	79.0									
85	31.9	249	70.7	45.3	262	75.5									
90							67.0	273	62.1						
90	23.2	238	67.4	39.5	256	72.2	66.8	273	61.9						
95				32.8	249	67.5	62.6	270	57.9						
100				24.4	239	57.3	58.1	267	54.4						
105							53.4	264	51.2						
110							48.4	259	48.3						
115							43.0	254	45.7						
120							36.8	248	43.4						
125							29.6	240	41.2						
130							19.9	228	39.1						
135										57.0	254	29.8			
140										57.0	254	29.5			
145										53.0	251	28.3			
150										47.9	247	27.1			
155										42.4	241	25.9			
160										36.2	235	24.8			
211										28.8	227	23.7			
215													37.0	195	7.6
220													33.4	191	7.4
													25.2	182	7.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft luffing jib 200 [ft] (2220), 85 [ft] (1311)</b>															
40	78.0	294	89.7												
40	77.8	294	89.7												
45	74.3	292	88.6												
50	70.7	290	86.5												
55				75.0	291	88.4									
55	67.1	288	83.7	74.7	291	88.4									
60	63.3	286	80.9	71.2	290	87.7									
65	59.5	283	78.2	67.5	288	84.7									
70	55.4	280	75.1	63.8	285	81.4									
75	51.1	276	72.7	59.9	282	78.7									
80	46.6	271	69.8	55.9	279	75.4									
85	41.6	266	66.9	51.7	275	72.9									
90	36.1	259	52.5	47.2	271	70.1									
94							67.0	282	58.5						
95	29.6	251	48.9	42.3	265	67.3	66.0	281	57.4						
100	21.4	240	45.3	36.8	259	58.7	62.2	279	53.9						
105				30.5	251	54.9	58.3	276	50.8						
110				22.6	240	50.2	54.2	272	47.9						
115							49.8	268	45.4						
120							45.2	263	43.0						
125							40.0	257	40.9						
130							34.3	250	38.9						
135							27.5	242	37.0						
140							18.2	229	35.3	57.0	262	27.5			
145										53.8	260	26.6			
150										49.4	255	25.4			
155										44.7	251	24.3			
160										39.5	245	23.3			
165										33.7	238	22.3			
170										26.7	229	21.4			
219													37.0	201	6.6
220													37.0	201	6.6
225													31.1	194	6.3
230													23.3	183	5.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 95 ft luffing jib 200 [ft] (2220), 95 [ft] (1311)</b>															
42	78.0	303	81.0												
45	75.9	302	80.6												
50	72.8	301	79.1												
55	69.6	299	77.2												
57				75.0	301	79.9									
60	66.3	297	74.8	73.2	300	79.7									
65	62.9	294	72.5	70.0	298	78.6									
70	59.5	292	70.2	66.7	296	76.5									
75	55.8	288	67.6	63.4	294	73.9									
80	52.1	284	65.5	59.9	291	71.7									
85	48.1	280	58.6	56.3	288	68.9									
90	43.8	275	53.9	52.5	284	66.7									
95	39.1	269	49.7	48.6	280	61.2									
98							67.0	291	55.4						
100	33.9	262	46.2	44.3	275	57.6	65.3	290	53.6						
105	27.7	253	42.9	39.7	269	54.5	61.9	287	50.5						
110	19.9	241	39.5	34.5	262	51.7	58.4	284	47.7						
115				28.6	253	48.1	54.7	281	45.1						
120				21.0	242	44.3	50.9	277	42.8						
125							46.8	272	40.7						
130							42.4	267	38.7						
135							37.6	261	36.9						
140							32.2	253	35.2						
145							25.7	243	33.6						
145										57.0	271	25.9			
150							19.3	234	26.5	54.4	268	25.1			
155										50.5	264	24.1			
160										46.4	260	23.1			
165										42.0	254	22.1			
170										37.1	248	21.2			
175										31.6	240	20.3			
180										25.0	230	19.5			
227													37.0	207	5.8
230													35.0	204	5.7
235													29.1	196	5.4
240													21.7	185	5.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 105 ft luffing jib 200 [ft] (2220), 105 [ft] (1311)</b>															
44	78.0	313	73.8												
45	77.3	313	73.8												
50	74.5	311	72.8												
55	71.6	310	71.3												
60				75.0	310	73.0									
60	68.7	308	69.8	74.8	310	73.0									
65	65.7	305	67.6	71.9	309	72.6									
70	62.6	303	65.8	69.0	307	71.5									
75	59.5	300	60.7	66.1	305	69.9									
80	56.2	297	58.3	63.0	302	67.9									
85	52.8	293	56.3	59.9	299	66.1									
90	49.2	289	54.1	56.6	296	60.8									
95	45.4	284	50.3	53.2	292	58.9									
100	41.4	278	46.8	49.7	288	57.0									
101							67.0	300	52.3						
105	36.9	272	43.8	45.9	284	53.7	64.8	298	50.0						
110	32.0	264	41.0	41.9	278	50.8	61.7	296	47.2						
115	26.1	255	38.0	37.5	272	48.3	58.5	293	44.7						
120	18.6	242	34.9	32.6	264	45.7	55.2	289	42.4						
125				26.9	255	42.8	51.8	285	40.2						
130				19.7	243	39.8	48.1	281	38.3						
135							44.3	276	36.5						
140							40.1	270	34.8						
145							35.5	263	33.3						
150							31.6	257	29.8						
151									57.0	279	24.2				
155							25.7	248	27.1	54.9	277	23.6			
160							18.0	235	24.4	51.4	273	22.6			
165										47.8	268	21.6			
170										43.9	263	20.8			
175										39.7	257	19.9			
180										35.1	251	19.1			
185										29.8	242	18.4			
190										23.5	232	17.6			
235													37.0	213	4.9
235													37.0	213	4.9
240													33.0	207	4.7
245													27.4	198	4.4
250													20.3	186	4.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 115 ft luffing jib 200 [ft] (2220), 115 [ft] (1311)</b>															
46	78.0	323	66.7												
50	75.8	321	66.1												
55	73.2	320	62.7												
60	70.6	318	61.2												
62				75.0	320	65.9									
65	67.9	316	59.7	73.6	319	65.8									
70	65.2	314	57.7	70.9	317	62.3									
75	62.3	311	56.2	68.2	315	61.1									
80	59.5	308	54.3	65.5	313	59.5									
85	56.5	305	52.3	62.7	311	58.1									
90	53.4	302	50.5	59.8	308	56.6									
95	50.2	297	49.1	56.9	305	54.6									
100	46.8	293	45.8	53.8	301	53.0									
105	43.2	288	42.8	50.6	297	51.7									
105							67.0	309	49.4						
110	39.3	282	40.0	47.2	292	49.2	64.3	307	46.8						
115	35.1	275	37.7	43.6	287	46.8	61.5	304	44.2						
120	30.3	267	35.4	39.8	282	44.6	58.6	301	41.9						
125	24.7	257	33.1	35.6	275	42.7	55.6	298	39.8						
130	19.4	247	16.9	31.0	267	40.2	52.5	294	37.9						
135				25.5	257	37.6	49.2	290	36.1						
140				18.5	244	34.8	45.7	285	34.4						
145							42.9	281	30.1						
150							39.1	275	28.9						
155							34.8	268	27.7						
156										57.0	287	22.6			
160										55.3	285	22.1			
165										52.2	281	21.2			
170										48.9	277	20.3			
175										45.4	272	19.5			
180										41.7	267	18.7			
185										37.7	261	18.0			
190										33.3	253	17.3			
195										28.3	245	16.6			
200										22.2	233	15.9			
243													37.0	219	3.9
245													36.0	217	3.8
250													31.3	209	3.6
255													26.0	200	3.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 125 ft luffing jib 200 [ft] (2220), 125 [ft] (1311)</b>															
48	78.0	332	58.3												
50	77.0	332	58.3												
55	74.6	330	57.4												
60	72.2	329	56.3												
65				75.0	330	57.3									
65	69.7	327	55.1	74.9	329	57.3									
70	67.2	325	53.6	72.5	328	57.0									
75	64.7	322	52.0	70.0	326	56.3									
80	62.1	320	50.8	67.6	324	55.2									
85	59.5	317	49.1	65.0	322	53.8									
90	56.7	314	47.3	62.4	319	52.6									
95	53.9	310	45.8	59.8	316	51.3									
100	51.0	306	44.6	57.1	313	49.6									
105	47.9	302	42.1	54.3	310	48.2									
109							67.0	318	47.0						
110	44.7	297	39.4	51.3	306	47.1	66.5	318	46.5						
115	41.2	291	36.9	48.3	301	45.3	64.0	315	43.9						
120	37.5	285	34.7	45.1	296	43.3	61.3	313	41.6						
125	34.4	279	17.8	41.7	291	41.5	58.7	310	39.5						
130	30.0	271	17.0	38.0	285	39.9	55.9	306	37.6						
135	24.8	261	16.2	34.0	278	38.2	53.0	303	35.8						
140	18.3	248	15.4	29.5	269	35.8	50.1	298	34.2						
145				24.2	259	33.3	47.7	295	29.8						
150				19.2	249	16.9	44.4	290	28.2						
155							41.0	284	26.7						
160							37.3	278	25.5						
161										57.0	295	21.3			
165										55.6	294	20.9			
170							33.2	271	24.2	52.8	290	20.0			
175							28.6	262	22.7	49.8	286	19.2			
180							23.1	251	21.1	46.7	281	18.4			
185							15.8	236	19.5	43.3	276	17.7			
190										39.8	270	17.0			
195										36.0	264	16.3			
200										31.8	256	15.7			
205										26.9	247	15.1			
210										21.0	235	14.5			
251													37.0	225	3.1
255													34.3	220	2.9
260													29.9	212	2.7
265													24.7	202	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 135 ft luffing jib 200 [ft] (2220), 135 [ft] (1311)</b>															
50	78.0	342	52.4												
50	77.9	342	52.4												
55	75.7	341	52.0												
60	73.5	339	51.3												
65	71.3	337	50.2												
67				75.0	339	51.6									
70	69.0	335	49.2	73.8	338	51.6									
75	66.7	333	47.8	71.6	337	51.3									
80	64.3	331	46.5	69.3	335	50.2									
85	61.9	328	45.5	67.0	333	49.3									
90	59.5	325	44.0	64.6	330	48.1									
95	56.9	322	42.5	62.2	328	47.1									
100	54.3	319	41.2	59.8	325	46.0									
105	51.6	315	40.1	57.2	322	44.6									
110	48.8	310	38.4	54.6	318	43.4									
113							67.0	327	44.5						
115	45.9	306	36.1	52.0	314	42.3	66.0	326	43.5						
120	42.8	300	33.9	49.2	310	41.1	63.6	324	41.2						
125	40.3	296	18.3	46.2	305	39.4	61.2	321	39.1						
130	36.8	289	17.0	43.2	300	37.8	58.7	318	37.2						
135	33.0	282	16.2	39.9	294	36.3	56.2	315	35.4						
140	28.7	273	15.5	36.4	288	35.1	53.5	311	33.8						
145	23.7	263	14.9	32.5	280	33.5	51.4	308	28.5						
150	17.3	249	14.3	29.2	273	17.2	48.6	304	27.1						
155				24.4	263	16.3	45.7	299	25.6						
160				18.2	250	15.5	42.6	294	24.2						
165							39.3	288	23.0						
167										57.0	304	19.8			
170							35.7	281	21.9	55.9	302	19.5			
175							31.7	273	20.9	53.3	299	18.7			
180							27.3	264	19.8	50.5	295	17.9			
185							22.0	253	18.7	47.7	290	17.2			
190										44.7	285	16.5			
195										41.5	280	15.9			
200										38.1	273	15.3			
205										34.4	266	14.7			
210										30.4	258	14.1			
215										25.7	248	13.6			
220										20.0	236	13.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 144 ft luffing jib 200 [ft] (2220), 144 [ft] (1311)</b>															
52	78.0	351	47.6												
55	76.7	351	47.6												
60	74.7	349	46.9												
65	72.6	348	46.1												
70				75.0	349	47.1									
70	70.5	346	45.1	74.9	348	47.1									
75	68.4	344	44.2	72.9	347	46.9									
80	66.2	342	43.0	70.8	345	46.2									
85	64.0	339	41.9	68.6	343	45.3									
90	61.8	337	41.1	66.5	341	44.5									
95	59.5	334	39.8	64.3	339	43.5									
100	57.1	331	38.5	62.0	336	42.7									
105	54.7	327	37.4	59.8	333	41.7									
110	52.2	323	36.4	57.4	330	40.4									
115	49.6	319	35.3	55.0	327	39.4									
117							67.0	336	42.1						
120	46.9	315	33.3	52.5	323	38.5	65.6	335	40.7						
125	44.7	311	18.7	49.9	319	37.6	63.3	332	38.6						
130	41.8	305	17.4	47.2	314	36.1	61.1	330	36.7						
135	38.7	299	16.3	44.4	309	34.7	58.8	327	35.0						
140	35.3	292	15.4	41.5	304	33.4	56.4	323	33.3						
145	31.6	285	14.9	39.1	299	18.0	54.5	321	28.6						
150	27.5	275	14.4	35.7	292	17.1	52.0	317	26.5						
155	22.7	264	13.9	32.1	285	16.4	49.4	312	24.9						
160	16.5	250	13.4	28.0	276	15.7	46.7	308	23.5						
165				23.3	265	15.1	43.9	303	22.2						
170				17.4	251	14.4	40.9	297	21.0						
172										57.0	312	18.5			
175							37.7	291	20.0	56.2	311	18.2			
180							34.3	284	19.1	53.7	307	17.5			
185							30.5	276	18.4	51.2	303	16.7			
190							26.2	266	17.6	48.6	299	16.1			
195							21.0	254	16.9	45.8	294	15.4			
200										42.9	289	14.8			
205										39.9	283	14.3			
210										36.6	276	13.7			
215										33.1	269	13.2			
220										29.1	260	12.7			
225										24.6	250	12.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 154 ft luffing jib 200 [ft] (2220), 154 [ft] (1311)</b>															
54	78.0	361	42.6												
55	77.6	361	42.6												
60	75.7	360	42.2												
65	73.8	358	41.7												
70	71.8	356	40.9												
72				75.0	358	41.9									
75	69.8	355	40.2	74.0	357	41.9									
80	67.8	353	39.3	72.0	356	41.7									
85	65.8	350	38.3	70.1	354	41.1									
90	63.7	348	37.4	68.1	352	40.4									
95	61.6	345	36.7	66.0	350	39.6									
100	59.5	342	35.7	64.0	347	38.8									
105	57.3	339	34.6	61.9	345	38.1									
110	55.0	336	33.7	59.7	342	37.5									
115	53.2	333	22.7	57.5	339	36.8									
120	50.8	329	20.8	55.3	335	36.3									
121							67.0	345	38.1						
125	48.4	324	19.4	53.0	331	35.8	65.2	343	38.0						
130	45.8	320	18.2	50.6	327	35.3	63.1	341	36.4						
135	43.1	314	17.0	48.1	323	33.9	61.0	338	34.7						
140	40.3	309	16.0	46.1	319	21.4	59.3	336	32.0						
145	37.3	302	15.0	43.5	314	19.8	57.1	333	30.7						
150	34.0	295	14.3	40.6	308	18.2	54.9	329	28.3						
155	30.4	287	13.9	37.6	302	16.9	52.5	325	26.1						
160	26.4	277	13.4	34.4	295	15.9	50.1	321	24.4						
165	21.7	266	12.9	30.9	287	15.3	47.6	317	22.9						
170				27.0	278	14.6	45.0	312	21.5						
175				22.4	266	14.0	42.3	306	20.2						
178										57.0	320	17.3			
180				16.5	251	13.3	39.4	300	19.1	56.4	319	17.1			
185							36.3	294	18.0	54.1	316	16.4			
190							33.0	286	17.3	51.8	312	15.8			
195							29.3	278	16.5	49.3	308	15.1			
200							25.1	268	15.8	46.8	303	14.5			
205							20.1	255	15.1	44.1	298	14.0			
210										41.4	292	13.4			
215										38.4	286	12.9			
220										35.3	279	12.4			
225										31.8	272	11.9			
230										28.0	263	11.5			
235										23.6	252	11.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 164 ft luffing jib 200 [ft] (2220), 164 [ft] (1311)</b>															
56	78.0	371	38.5												
60	76.6	370	38.5												
65	74.8	368	37.9												
70	72.9	367	37.4												
75	71.1	365	36.7	75.0	368	37.8									
80	69.2	363	36.1	73.2	366	37.7									
85	67.3	361	35.3	71.3	364	37.5									
90	65.4	359	34.4	69.5	362	36.9									
95	63.5	356	33.7	67.6	360	36.4									
100	61.5	354	33.1	65.7	358	35.6									
105	59.9	352	28.7	63.7	356	35.0									
110	57.9	348	26.1	61.7	353	34.4									
115	55.8	345	23.9	59.7	350	34.1									
120	53.6	341	21.9	57.7	347	33.8									
124							67.0	354	34.8						
125	51.4	338	20.2	55.5	344	33.5	66.8	354	34.8						
130	49.1	333	18.9	53.4	340	33.3	64.8	352	34.7						
135	46.7	329	17.7	51.1	336	33.1	62.9	349	34.2						
140	44.2	324	16.7	49.4	333	24.7	61.4	347	32.6						
145	41.6	318	15.7	47.0	328	22.6	59.3	344	31.2						
150	38.9	312	14.8	44.5	323	20.6	57.3	341	29.8						
155	36.0	305	14.0	42.0	318	18.8	55.1	338	27.9						
160	32.8	298	13.5	39.2	312	17.2	53.0	334	25.7						
165	29.4	289	13.0	36.3	305	15.7	50.7	330	24.0						
170	25.5	279	12.6	33.2	298	14.9	48.4	325	22.4						
175	20.9	267	12.1	29.8	289	14.3	46.0	321	21.0						
180				26.0	280	13.7	43.5	316	19.7						
183										57.0	328	16.1			
185				21.5	268	13.1	40.8	310	18.5	56.6	328	16.0			
190				15.8	252	12.4	38.0	304	17.4	54.4	324	15.3			
195							35.1	297	16.4	52.2	320	14.7			
200							31.8	289	15.7	50.0	316	14.1			
205							28.3	280	15.0	47.6	312	13.5			
210							24.2	269	14.3	45.2	307	13.0			
215							19.3	256	13.6	42.6	302	12.5			
220										39.9	296	12.0			
225										37.1	289	11.5			
230										34.0	282	11.0			
235										30.7	274	10.6			
240										27.0	265	10.2			
245										22.7	253	9.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 174 ft luffing jib 200 [ft] (2220), 174 [ft] (1311)</b>															
58	78.0	380	34.8												
60	77.3	380	34.8												
65	75.6	379	34.4												
70	73.9	377	34.0												
75	72.2	376	33.4												
78				75.0	377	34.2									
80	70.9	374	31.8	74.1	376	34.2									
85	69.1	372	31.5	72.4	375	34.0									
90	67.3	370	30.5	70.7	373	33.7									
95	65.5	368	29.3	68.9	371	33.4									
100	63.7	366	28.3	67.5	370	32.0									
105	61.8	363	27.6	65.7	367	30.6									
110	59.9	360	25.6	63.9	365	29.5									
115	58.0	357	23.5	62.0	362	28.6									
120	56.0	354	21.7	60.1	359	27.5									
125	54.0	350	20.0	58.2	356	26.4									
128							67.0	363	30.6						
130	51.9	346	18.6	56.2	353	25.4	66.8	363	30.6						
135	49.7	342	17.4	54.2	349	24.5	65.0	361	30.5						
140	47.5	337	16.4	52.1	346	23.7	63.1	358	30.3						
145	45.2	333	15.4	50.0	341	22.6	61.3	356	29.7						
150	42.8	327	14.6	47.8	337	20.9	59.3	353	29.0						
155	40.3	321	13.8	45.5	332	19.3	57.4	350	28.1						
160	37.6	315	13.0	43.1	327	17.8	55.4	346	25.9						
165	34.8	308	12.4	40.6	321	16.5	53.4	342	23.8						
170	31.7	300	12.0	38.0	315	15.2	51.3	338	22.1						
175	28.4	291	11.6	35.1	308	14.2	49.1	334	20.6						
180	24.6	281	11.2	32.1	300	13.7	46.8	330	19.6						
185	20.1	268	10.8	28.8	292	13.1	44.5	325	18.6						
188										57.0	337	14.9			
190				25.1	281	12.6	42.1	319	17.6	56.7	336	14.8			
195				20.7	269	12.0	39.5	313	16.8	54.7	333	14.2			
200							36.8	307	16.0	52.7	329	13.6			
205							33.9	299	15.3	50.6	325	13.0			
210							30.8	291	14.7	48.4	321	12.5			
215							27.3	282	14.1	46.1	316	12.0			
220							23.3	271	13.5	43.7	311	11.5			
225							18.6	258	12.9	41.3	305	11.1			
230										38.6	299	10.6			
235										35.9	292	10.2			
240										32.9	285	9.8			
245										29.7	276	9.4			
250										26.1	267	9.0			
255										21.9	255	8.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>200 ft main boom 184 ft luffing jib 200 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	390	30.0												
65	76.8	389	29.8												
70	75.2	388	29.6												
75	73.6	386	29.4												
80	71.9	385	29.0												
80				75.0	387	29.9									
85	70.3	383	28.7	73.8	385	29.9									
90	68.6	381	28.2	72.1	384	29.8									
95	66.9	379	27.2	70.5	382	29.5									
100	65.2	377	26.3	68.8	380	29.1									
105	63.5	374	25.5	67.1	378	28.6									
110	61.7	371	24.8	65.4	376	27.4									
115	59.9	369	23.1	63.7	373	26.5									
120	58.1	365	21.4	61.9	371	25.7									
125	56.2	362	19.8	60.1	368	24.8									
130	54.3	359	18.4	58.3	365	23.9									
132							67.0	372	27.8						
135	52.3	355	17.2	56.4	362	23.0	66.4	372	27.8						
140	50.3	351	16.1	54.5	358	22.2	64.7	369	27.6						
145	48.2	346	15.3	52.6	354	21.5	62.9	367	27.5						
150	46.1	341	14.4	50.5	350	20.7	61.2	364	27.1						
155	43.8	336	13.6	48.5	346	19.4	59.3	361	26.8						
160	41.5	331	12.9	46.3	341	18.1	57.5	358	26.3						
165	39.1	325	12.2	44.1	336	16.9	55.6	355	24.2						
170	36.5	318	11.6	41.8	330	15.8	53.7	351	22.3						
175	33.7	311	11.2	39.4	324	14.7	51.7	347	20.6						
180	30.7	303	10.9	36.8	318	13.8	49.7	343	19.1						
185	27.4	293	10.5	34.1	311	13.2	47.6	338	18.3						
190	23.7	283	10.2	31.1	303	12.7	45.4	334	17.5						
194										57.0	345	13.9			
195	19.4	270	9.8	27.9	294	12.2	43.1	328	16.8	56.9	345	13.9			
200				24.2	283	11.7	40.8	323	16.1	55.0	341	13.3			
205				20.0	270	11.2	38.3	316	15.5	53.1	338	12.7			
210							35.7	310	14.9	51.1	334	12.2			
215							32.8	302	14.4	49.0	329	11.7			
220							29.8	294	13.9	46.9	325	11.2			
225							26.4	284	13.4	44.7	320	10.8			
230							22.5	273	12.9	42.4	314	10.3			
235							17.9	259	12.4	40.0	308	9.9			
240										37.5	302	9.5			
245										34.8	295	9.1			
250										31.9	287	8.7			
255										28.7	278	8.4			
260										25.2	268	8.0			
265										21.1	256	7.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 194 ft luffing jib 200 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	400	26.3												
65	77.5	399	26.3												
70	76.0	398	26.1												
75	74.4	397	26.0												
80	72.9	395	25.8												
83				75.0	396	26.0									
85	71.3	393	25.4	74.6	396	26.0									
90	69.7	392	25.2	73.1	394	26.0									
95	68.2	390	24.7	71.5	393	25.8									
100	66.5	387	24.1	69.9	391	25.6									
105	64.9	385	23.5	68.3	389	25.4									
110	63.3	383	23.0	66.7	387	24.9									
115	61.6	380	22.6	65.1	384	24.2									
120	59.9	377	21.4	63.5	382	23.7									
125	58.1	374	20.2	61.8	379	23.2									
130	56.4	371	19.1	60.1	376	22.5									
135	54.5	367	18.1	58.3	373	21.6									
136							67.0	382	24.0						
140	52.7	363	17.2	56.6	370	20.9	66.1	380	23.9						
145	50.8	359	16.4	54.8	367	20.2	64.4	378	23.9						
150	48.8	355	15.6	52.9	363	19.5	62.8	375	23.8						
155	46.8	350	14.8	51.0	359	19.0	61.1	373	23.5						
160	44.7	345	14.0	49.1	354	18.1	59.4	370	23.2						
165	42.6	340	13.3	47.1	350	17.2	57.6	367	22.9						
170	40.3	334	12.6	45.0	345	16.4	55.8	363	21.9						
175	37.9	328	12.0	42.8	340	15.6	54.0	360	21.0						
180	35.4	321	11.5	40.6	334	14.8	52.1	356	20.1						
185	32.7	313	11.0	38.2	328	14.1	50.2	352	19.4						
190	29.8	305	10.6	35.7	321	13.5	48.2	347	18.6						
195	26.6	295	10.2	33.1	313	13.0	46.2	342	17.6						
199										57.0	353	12.8			
200	23.0	284	9.8	30.2	305	12.4	44.1	337	16.7	57.0	353	12.7			
205	18.7	271	9.4	27.0	296	11.9	41.9	332	15.9	55.2	350	12.2			
210				23.5	285	11.3	39.6	326	15.1	53.4	346	11.6			
215				19.3	272	10.7	37.2	319	14.4	51.5	342	11.2			
220							34.6	312	13.8	49.6	338	10.7			
225							31.9	305	13.4	47.6	334	10.3			
230							28.9	296	12.9	45.5	329	9.8			
235							25.6	286	12.4	43.4	323	9.4			
240							21.8	274	12.0	41.2	318	9.0			
245							17.2	259	11.5	38.8	312	8.7			
250										36.4	305	8.3			
255										33.7	298	7.9			
260										30.9	290	7.6			
265										27.9	281	7.3			
270										24.4	270	6.9			
275										20.4	258	6.6			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 203 ft luffing jib 200 [ft] (2220), 203 [ft] (1311)</b>															
64	78.0	409	25.0												
65	78.0	409	23.3												
70	76.7	408	23.2												
75	75.2	407	23.1												
80	73.7	405	23.0												
85	72.3	404	22.8												
85				75.0	406	22.8									
90	70.8	402	22.5	73.9	404	22.8									
95	69.3	400	22.4	72.4	403	22.8									
100	67.7	398	22.1	71.0	401	22.6									
105	66.2	396	21.7	69.5	399	22.4									
110	64.7	394	21.4	67.9	397	22.3									
115	63.1	391	21.1	66.4	395	22.0									
120	61.5	388	20.9	64.8	393	21.7									
125	59.8	385	20.0	63.3	390	21.4									
130	58.2	382	19.2	61.7	388	21.2									
135	56.5	379	18.4	60.1	385	20.6									
140							67.0	391	21.8						
140	54.8	376	17.8	58.4	382	19.8	67.0	391	20.9						
145	53.0	372	17.1	56.7	379	19.1	65.7	389	20.9						
150	51.2	368	16.6	55.0	375	18.5	64.2	386	20.8						
155	49.4	364	16.0	53.3	371	18.0	62.6	384	20.7						
160	47.5	359	15.2	51.5	367	17.5	61.0	381	20.5						
165	45.5	354	14.4	49.6	363	16.9	59.4	378	20.3						
170	43.5	349	13.7	47.7	359	16.3	57.7	375	20.1						
175	41.4	344	13.0	45.8	354	15.8	56.0	372	19.9						
180	39.2	337	12.4	43.8	349	15.2	54.3	368	19.6						
185	36.9	331	11.8	41.7	343	14.7	52.5	364	19.4						
190	34.4	324	11.3	39.5	337	14.2	50.7	360	19.2						
195	31.8	316	10.8	37.2	331	13.8	48.8	356	18.8						
200	28.9	307	10.4	34.7	324	13.3	46.9	351	17.8						
204										57.0	361	11.5			
205	25.8	297	9.9	32.1	316	12.8	44.9	346	16.8	57.0	361	11.4			
210	22.3	286	9.5	29.3	307	12.2	42.9	341	15.8	55.4	358	11.0			
215	18.1	272	9.0	26.2	298	11.6	40.7	335	14.9	53.7	355	10.5			
220				22.7	286	11.0	38.5	329	14.1	51.9	351	10.1			
225				18.6	273	10.4	36.2	322	13.4	50.1	347	9.6			
230							33.7	315	12.8	48.2	342	9.2			
235							31.0	307	12.4	46.3	338	8.8			
240							28.1	298	12.0	44.3	333	8.4			
245							24.8	288	11.6	42.2	327	8.1			
250							21.1	276	11.2	40.0	321	7.7			
255							16.6	260	10.7	37.8	315	7.4			
260										35.4	308	7.0			
265										32.8	300	6.7			
270										30.1	292	6.4			
275										27.0	283	6.1			
280										23.7	272	5.9			
285										19.8	259	5.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom</b> <b>66 ft luffing jib</b> <b>84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	188.7												
35				75.0	158	188.7									
40	66.4	155	187.3	70.8	157	188.7									
45	61.5	152	173.0	66.0	154	170.0									
50	56.3	149	150.3	61.1	152	147.7									
55	50.7	145	132.7	55.8	148	130.5									
56							67.0	153	121.2						
60	44.6	140	117.4	50.2	144	116.7	63.2	151	111.3						
65	37.7	134	107.2	44.1	139	105.4	58.1	148	100.6						
70	29.4	126	88.2	37.1	133	96.1	52.7	144	91.7						
75	17.5	113	74.2	28.6	125	88.0	46.8	139	84.1						
80							40.2	134	77.7						
81										57.0	142	72.4			
85							32.5	126	72.0	52.1	138	67.8			
90							22.4	116	67.0	46.2	134	63.2			
95										39.5	128	59.1			
100										31.7	120	55.4			
122													37.0	108	38.3
125													32.0	103	37.1
130													21.7	92	35.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	158.8									
40	69.7	166	158.8	73.4	167	158.8									
45	65.5	164	158.3	69.4	165	158.8									
50	61.2	161	150.2	65.2	163	147.6									
55	56.7	158	132.6	60.9	160	130.3									
60	51.9	154	118.6	56.3	157	116.5	67.0	162	111.0						
65	46.8	149	107.2	51.5	153	105.3	62.7	159	100.3						
70	41.2	144	97.6	46.4	148	96.0	58.3	156	91.4						
75	34.7	137	89.6	40.7	143	88.0	53.6	152	83.9						
80	27.0	128	78.5	34.2	136	81.2	48.6	148	77.4						
85	18.9	118	33.0	26.3	127	75.3	43.2	143	71.8						
86										57.0	150	66.5			
90							37.1	137	66.9	53.2	147	62.9			
95							29.9	129	62.6	48.1	142	58.8			
100							20.4	117	58.7	42.6	137	55.2			
105										36.4	131	51.9			
110										29.1	123	49.0			
130													37.0	114	35.0
130													36.7	113	34.9
135													29.4	105	33.3
140													22.3	97	31.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	152.8												
41				75.0	177	153.9									
45	68.5	174	148.7	71.9	176	153.6									
50	64.8	172	141.2	68.2	174	147.3									
55	61.0	169	132.5	64.5	171	130.1									
60	57.0	166	118.5	60.7	169	116.3									
64							67.0	171	102.3						
65	52.8	162	107.0	56.7	165	105.1	66.1	170	100.0						
70	48.4	158	97.5	52.5	162	95.8	62.4	168	91.1						
75	43.6	153	88.6	48.1	157	87.9	58.4	165	83.6						
80	38.3	147	82.6	43.2	152	81.1	54.3	161	77.2						
85	32.3	140	76.6	37.9	146	75.2	50.0	157	71.6						
90	25.0	130	67.1	31.8	138	70.1	45.3	152	66.7						
91										57.0	158	61.4			
95										53.9	155	58.4			
100	17.3	119	33.0	24.3	128	65.5	40.3	146	62.4	49.6	151	54.8			
105							34.5	140	58.5	44.9	146	51.6			
110							27.8	131	55.1	39.7	141	48.7			
115							21.2	122	33.0	33.9	134	46.1			
120										27.0	125	43.7			
138													37.0	120	31.8
140													35.6	118	31.5
145													29.1	110	30.0
150													20.6	98	28.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 95 ft luffing jib 84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	135.5												
43				75.0	187	134.6									
45	70.9	185	132.4	73.8	186	134.5									
50	67.6	183	126.1	70.6	184	132.9									
55	64.3	181	121.0	67.4	182	129.4									
60	60.8	178	116.6	64.0	180	116.2									
65	57.3	175	106.9	60.6	177	105.0									
68							67.0	180	94.8						
70	53.6	171	97.4	57.0	174	95.7	65.5	179	90.9						
75	49.7	167	89.4	53.3	170	87.8	62.1	176	83.4						
80	45.5	162	82.5	49.3	166	81.0	58.5	173	77.0						
85	41.0	157	76.6	45.2	161	75.2	54.9	170	71.4						
90	36.0	150	71.3	40.6	156	70.0	51.1	166	66.6						
95	30.3	142	66.1	35.6	149	65.5	47.0	161	62.3						
97										57.0	166	57.0			
100	23.3	131	55.2	29.8	141	60.8	42.6	156	58.4	54.5	164	54.6			
105				22.7	130	56.1	37.8	150	55.0	50.7	160	51.4			
110							32.4	142	51.9	46.6	155	48.6			
115							26.0	133	49.1	42.2	150	45.9			
120							19.7	123	33.0	37.3	144	43.5			
125										31.8	136	41.3			
130										25.2	126	39.3			
146													37.0	126	29.4
150													33.4	121	28.5
155													27.2	112	27.3
160													19.1	99	26.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	118.2												
46				75.0	196	118.2									
50	69.8	194	114.9	72.5	195	118.0									
55	66.9	191	110.6	69.6	193	114.6									
60	63.8	189	106.3	66.6	191	110.6									
65	60.7	186	102.6	63.6	188	104.7									
70	57.5	183	97.2	60.5	186	95.4									
72							67.0	189	88.1						
75	54.1	180	89.2	57.2	182	87.5	64.9	187	83.0						
80	50.6	176	82.3	53.9	179	80.8	61.8	185	76.6						
85	47.0	171	76.4	50.4	175	74.9	58.6	182	71.1						
90	43.0	166	71.2	46.7	170	69.8	55.3	178	66.2						
95	38.7	160	66.6	42.7	165	65.3	51.9	174	62.0						
100	34.0	153	62.5	38.4	159	61.3	48.3	170	58.1						
102										57.0	175	52.9			
105	28.6	144	57.3	33.6	152	57.7	44.4	165	54.7	55.0	172	51.1			
110	21.9	133	50.9	28.1	143	54.4	40.3	159	51.7	51.5	169	48.2			
115				21.3	131	51.5	35.7	153	48.9	47.9	164	45.6			
120							30.6	145	46.3	44.0	159	43.2			
125							24.4	134	44.0	39.9	153	41.0			
130							18.3	124	33.0	35.3	147	39.0			
135										30.0	138	37.2			
140										23.7	128	35.5			
153													37.0	132	27.1
155													36.6	131	26.9
160													31.5	123	25.8
165													25.6	113	24.7
170													17.8	100	23.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>115 ft luffing jib</b> <b>84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	104.0									
50	71.6	204	103.0	74.1	205	104.0									
55	69.0	202	100.2	71.4	204	103.8									
60	66.2	200	94.6	68.8	202	100.0									
65	63.5	198	92.5	66.0	199	95.1									
70	60.6	195	90.2	63.2	197	92.7									
75	57.7	192	86.6	60.4	194	87.3									
75							67.0	198	82.2						
80	54.6	188	82.1	57.4	191	80.5	64.4	196	76.3						
85	51.5	184	76.2	54.4	187	74.7	61.6	193	70.7						
90	48.1	180	70.9	51.2	183	69.6	58.7	190	65.9						
95	44.6	175	66.4	47.9	179	64.4	55.7	187	61.6						
100	40.9	169	61.1	44.3	174	61.1	52.6	183	57.8						
105	36.8	163	58.6	40.6	168	57.5	49.3	179	54.4						
107										57.0	183	49.3			
110	32.3	155	55.3	36.5	162	54.2	45.9	174	51.4	55.4	181	47.8			
115	27.1	146	50.6	31.9	154	51.3	42.2	169	48.6	52.3	177	45.2			
120	20.6	134	45.0	26.6	145	48.6	38.3	162	46.0	49.0	173	42.8			
125				21.7	136	33.0	33.9	155	43.7	45.5	168	40.7			
130							29.0	147	41.6	41.8	163	38.7			
135							23.1	136	39.6	37.9	156	36.9			
140							17.2	125	33.0	33.5	149	35.2			
145										28.5	141	33.6			
150										24.0	132	32.2			
161													37.0	137	24.9
165													34.7	134	24.4
170													29.9	125	23.4
175													24.2	115	22.4
180													16.7	101	21.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	89.9	72.9	214	91.9									
60	68.2	211	87.6	70.5	210	90.0									
65	65.7	209	85.1	68.0	210	87.8									
70	63.1	206	83.1	65.5	208	85.3									
75	60.5	203	81.1	62.9	205	83.2									
79							67.0	207	77.0						
80	57.8	200	78.8	60.3	203	80.3	66.6	207	76.0						
85	55.0	197	76.0	57.6	199	74.5	64.1	204	70.5						
90	52.1	193	70.8	54.8	196	69.4	61.4	201	65.7						
95	49.1	189	66.2	51.9	192	64.9	58.8	198	61.4						
100	45.9	184	61.2	48.9	188	60.9	56.0	195	57.6						
105	42.6	179	58.5	45.7	183	57.3	53.2	191	54.2						
110	39.0	173	55.2	42.3	178	54.1	50.2	187	51.1						
113										57.0	191	46.1			
115	35.1	166	52.2	38.7	172	51.2	47.1	183	48.4	55.7	190	45.0			
120	30.8	158	49.5	34.8	165	48.5	43.8	178	45.9	52.9	186	42.6			
125	25.7	148	44.9	30.4	157	46.1	40.3	172	43.6	49.9	182	40.5			
130	19.5	135	40.2	25.3	147	43.8	36.5	165	41.4	46.8	177	38.5			
135				20.6	137	33.0	32.3	158	39.5	43.5	172	36.7			
140							27.6	149	37.7	39.9	166	35.0			
145							21.9	137	36.0	36.1	159	33.4			
150										32.9	154	32.0			
155										28.3	145	30.6			
160										22.7	134	29.4			
169													37.0	143	23.3
170													37.0	143	23.1
175													33.1	136	22.2
180													28.5	128	21.4
185													23.0	117	20.5
190													15.7	102	19.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	77.8	72.0	223	79.8									
65	67.6	219	75.9	69.7	221	77.7									
70	65.3	217	73.9	67.4	219	76.0									
75	62.9	215	72.3	65.1	216	74.0									
80	60.4	212	70.7	62.7	214	72.4									
83							67.0	216	72.2						
85	57.9	209	68.8	60.3	211	70.8	66.1	215	70.1						
90	55.4	205	67.2	57.7	208	69.0	63.7	213	65.3						
95	52.7	201	65.8	55.2	205	64.6	61.3	210	61.0						
100	49.9	197	61.9	52.5	201	60.6	58.8	207	57.3						
105	47.0	193	58.2	49.7	197	57.0	56.3	204	53.9						
110	44.0	188	54.9	46.8	192	53.8	53.6	200	50.8						
115	40.8	182	52.0	43.8	187	50.9	50.9	196	48.1						
118										57.0	199	43.1			
120	37.4	176	49.3	40.5	181	48.3	48.1	192	45.5	56.0	198	42.2			
125	33.6	168	46.8	37.1	175	45.8	45.1	187	43.2	53.4	194	40.1			
130	29.4	160	43.9	33.3	167	43.6	41.9	181	41.1	50.6	190	38.1			
135	24.6	150	39.8	29.1	159	41.5	38.6	175	39.2	47.8	186	36.3			
140	18.5	136	35.7	24.2	148	39.6	34.9	168	37.4	44.8	181	34.6			
145				19.6	138	33.0	30.9	160	35.7	41.6	175	33.1			
150							26.4	151	34.2	39.1	171	31.7			
155							22.2	142	32.8	35.5	164	30.3			
160										31.5	156	29.1			
165										27.0	147	27.9			
170										21.7	135	26.7			
177													37.0	149	21.3
180													35.6	147	21.0
185													31.7	139	20.2
190													27.2	130	19.4
195													21.9	118	18.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	68.1	71.2	231	69.5									
70	67.1	228	66.3	69.1	229	67.9									
75	64.9	226	63.3	66.9	227	66.5									
80	62.7	223	62.5	64.7	225	63.5									
85	60.4	220	61.3	62.5	222	62.6									
87							67.0	225	62.9						
90	58.0	217	59.9	60.2	220	61.4	65.6	224	62.9						
95	55.6	214	58.6	57.9	216	60.1	63.4	221	60.7						
100	53.2	210	57.5	55.5	213	58.9	61.2	218	56.9						
105	50.6	206	56.5	53.0	209	56.8	58.9	215	53.5						
110	48.0	202	54.0	50.4	205	53.5	56.5	212	50.5						
115	45.2	197	51.7	47.8	201	50.6	54.1	209	47.7						
120	42.3	191	49.0	45.0	196	48.0	51.5	205	45.2						
124										57.0	208	40.3			
125	39.2	185	46.6	42.1	190	45.6	48.9	200	42.9	56.3	207	39.7			
130	35.9	179	44.3	38.9	184	43.3	46.2	196	40.8	53.8	203	37.7			
135	32.2	171	42.2	35.6	178	41.3	43.3	190	38.9	51.3	199	35.9			
140	28.2	162	39.3	32.0	170	39.4	40.3	185	37.1	48.7	195	34.3			
145	23.5	151	35.8	27.9	161	37.6	37.1	178	35.4	46.6	191	32.8			
150	19.2	141	30.4	23.1	150	36.0	33.6	171	33.9	43.7	186	31.3			
155				18.7	139	31.7	30.6	165	32.5	40.7	180	30.0			
160							26.3	155	31.1	37.5	174	28.7			
165							21.2	143	29.9	34.0	167	27.6			
170										30.2	159	26.4			
175										25.9	149	25.4			
180										20.7	137	24.4			
185													37.0	155	19.7
185													37.0	155	19.6
190													34.2	149	19.0
195													30.4	141	18.3
200													26.1	132	17.6
205													20.9	120	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>154 ft luffing jib</b> <b>84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	57.2	68.5	238	58.3									
80	64.5	234	56.3	66.4	236	57.3									
85	62.4	232	55.7	64.4	233	56.4									
90	60.3	229	54.8	62.3	231	55.7									
91							67.0	234	55.7						
95	58.1	226	53.7	60.2	228	54.8	65.3	232	55.7						
100	55.9	222	52.8	58.0	225	53.9	63.2	230	55.3						
105	53.6	219	51.9	55.7	222	53.1	61.1	227	53.3						
110	51.2	215	51.2	53.4	218	52.3	58.9	224	50.2						
115	48.8	210	49.6	51.0	214	50.4	56.7	221	47.5						
120	46.2	206	47.7	48.6	210	47.8	54.4	217	45.0						
125	43.6	200	45.9	46.0	205	45.4	52.1	213	42.7						
129										57.0	216	37.9			
130	40.7	195	44.1	43.3	200	43.1	49.6	209	40.6	56.5	215	37.5			
135	37.8	188	42.0	40.5	194	41.1	47.1	205	38.6	54.2	211	35.7			
140	34.5	181	40.1	37.5	188	39.2	44.5	200	36.9	51.8	208	34.0			
145	31.0	173	38.2	34.3	180	37.5	41.7	194	35.2	50.0	204	32.5			
150	27.1	164	35.2	30.8	172	35.8	38.8	188	33.7	47.5	200	31.1			
155	23.7	156	28.9	26.8	163	34.3	36.4	183	32.3	44.9	195	29.7			
160	18.3	142	27.5	23.3	154	30.0	33.1	175	30.9	42.1	190	28.5			
165							29.5	167	29.7	39.2	184	27.3			
170							25.3	157	28.5	36.1	177	26.2			
175							20.3	145	27.4	32.8	169	25.2			
180										29.1	161	24.2			
185										24.9	151	23.3			
190										19.8	138	22.4			
193													37.0	161	18.2
195													36.3	160	18.0
200													32.9	152	17.3
205													29.2	143	16.7
210													25.0	133	16.0
215													20.0	121	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	51.4									
85	64.2	243	50.4	66.0	244	50.9									
90	62.3	240	50.1	64.1	242	50.5									
95							67.0	243	49.8						
95	60.3	237	49.4	62.1	239	50.1	66.8	243	49.8						
100	58.2	234	48.6	60.1	236	49.5	64.9	241	49.8						
105	56.1	231	48.0	58.1	233	48.8	63.0	238	49.4						
110	54.0	227	47.4	56.0	230	48.2	61.0	235	49.0						
115	51.8	223	46.9	53.8	226	47.7	58.9	232	47.1						
120	49.5	219	45.8	51.6	223	47.3	56.9	229	44.6						
125	47.1	214	44.3	49.3	218	45.1	54.7	226	42.3						
130	44.6	210	42.8	46.9	214	42.9	52.5	222	40.2						
134										57.0	224	35.5			
135	42.1	204	41.4	44.4	209	40.8	50.3	218	38.3	56.7	224	35.3			
140	39.3	198	39.8	41.9	203	38.9	47.9	213	36.5	54.5	220	33.6			
145	36.4	192	38.1	39.1	197	37.2	45.5	209	34.9	52.8	217	32.1			
150	33.3	184	36.4	36.2	191	35.6	43.0	203	33.4	50.6	213	30.7			
155	29.9	176	34.5	33.1	183	34.0	40.9	199	32.0	48.3	209	29.4			
160	27.1	168	28.7	30.5	177	30.9	38.2	193	30.6	45.8	204	28.1			
165	22.8	157	26.8	26.7	167	29.5	35.2	186	29.4	43.3	199	27.0			
170	17.5	143	24.9	22.4	156	28.1	32.0	178	28.2	40.7	193	25.9			
175							28.4	169	27.1	37.9	187	24.8			
180							24.4	159	26.0	34.9	180	23.9			
185							19.5	146	25.0	31.6	172	22.9			
190										28.0	163	22.1			
195										23.9	152	21.2			
200										19.0	139	20.4			
201													37.0	167	16.7
205													35.0	162	16.3
210													31.8	155	15.7
215													28.2	146	15.1
220													24.1	135	14.5
225													19.2	122	13.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>174 ft luffing jib</b> <b>84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	43.9									
95	62.1	248	42.9	63.8	250	43.4									
98							67.0	252	42.9						
100	60.2	246	42.3	62.0	248	43.0	66.4	252	42.9						
105	58.3	243	41.6	60.1	245	42.4	64.6	249	42.9						
110	56.3	239	41.1	58.1	242	41.8	62.8	247	42.6						
115	54.3	236	40.5	56.2	239	41.2	60.9	244	42.1						
120	52.2	232	40.1	54.1	235	40.8	59.0	241	41.7						
125	50.1	228	39.5	52.1	231	40.4	57.0	238	41.2						
130	47.9	223	38.5	49.9	227	39.7	55.0	234	39.9						
135	45.6	218	37.6	47.7	223	38.8	52.9	230	38.0						
140										57.0	232	33.4			
140	43.2	213	36.7	45.4	218	38.0	50.8	226	36.2	56.8	232	33.2			
145	40.7	208	35.8	43.0	212	36.9	48.7	222	34.6	55.3	229	31.7			
150	38.1	201	35.1	40.5	207	35.3	46.9	219	33.0	53.2	226	30.3			
155	35.3	194	34.4	37.9	200	33.8	44.6	214	31.7	51.1	222	29.0			
160	33.0	189	28.7	35.7	195	32.2	42.2	208	30.3	49.0	217	27.8			
165	29.7	180	27.1	32.7	188	30.7	39.6	202	29.1	46.7	213	26.6			
170	26.1	170	25.5	29.5	179	29.1	36.9	196	27.9	44.4	208	25.5			
175	22.0	159	23.9	25.8	169	27.5	34.0	188	26.8	41.9	202	24.5			
180	16.8	144	22.3	21.6	157	26.0	30.9	180	25.7	39.4	196	23.5			
185							27.4	171	24.8	36.6	190	22.6			
190							23.5	160	23.8	33.7	182	21.7			
195							18.8	147	22.9	30.6	174	20.9			
200										27.1	165	20.1			
205										23.1	154	19.4			
208													37.0	173	15.3
210													36.8	172	15.3
215													33.8	165	14.7
220													30.7	157	14.1
225													27.2	148	13.6
230													23.2	137	13.1
235													18.5	123	12.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	37.6									
102							67.0	261	37.3						
105	60.2	254	36.5	61.8	256	37.2	66.1	260	37.3						
110	58.4	251	35.9	60.0	253	36.6	64.3	258	37.3						
115	56.5	248	35.4	58.2	250	36.1	62.6	255	36.9						
120	54.6	244	34.9	56.3	247	35.5	60.8	252	36.4						
125	52.6	240	34.5	54.4	244	35.1	59.0	249	36.0						
130	50.6	236	34.2	52.5	240	34.7	57.1	246	35.6						
135	48.6	232	33.6	50.5	236	34.3	55.3	243	35.1						
140	46.4	227	33.1	48.4	231	33.8	53.3	239	34.7						
145										57.0	241	31.4			
145	44.7	224	28.9	46.2	227	33.4	51.3	235	34.3	57.0	241	31.2			
150	42.4	218	28.0	44.5	223	30.0	49.8	232	32.1	55.5	238	30.0			
155	40.0	212	27.3	42.2	217	29.5	47.7	227	31.4	53.6	234	28.7			
160	37.5	206	26.6	39.8	211	29.0	45.5	223	30.1	51.6	230	27.5			
165	34.8	199	25.9	37.3	205	28.6	43.2	217	28.8	49.6	226	26.3			
170	31.9	191	24.7	34.6	198	27.9	40.9	212	27.7	47.5	222	25.2			
175	28.8	182	23.5	31.7	190	26.8	38.4	205	26.6	45.3	217	24.2			
180	25.3	172	22.4	28.5	181	25.7	35.8	199	25.5	43.0	211	23.2			
185	21.2	160	21.2	25.0	171	24.5	33.0	191	24.5	40.6	206	22.3			
190	16.2	145	20.0	20.9	159	23.3	29.9	183	23.6	38.1	199	21.5			
195							26.5	173	22.7	35.5	193	20.7			
200							22.7	162	21.9	32.7	185	19.9			
205							18.1	148	21.1	29.6	177	19.1			
210										26.2	167	18.4			
215										22.3	155	17.7			
216													37.0	179	14.2
220													35.6	175	13.9
225													32.8	168	13.3
230													29.7	159	12.8
235													26.3	150	12.3
240													22.5	138	11.9
245													17.8	124	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.6						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	29.6						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	29.5						
120	57.1	257	28.0	58.7	260	28.5	62.8	264	29.3						
125	55.3	254	27.6	56.9	256	28.1	61.1	261	29.0						
130	53.4	250	27.3	55.1	253	27.8	59.4	259	28.8						
135	51.5	246	27.0	53.3	249	27.5	57.7	255	28.5						
140	49.6	242	26.6	51.4	245	27.2	55.9	252	28.2						
145	47.6	237	26.1	49.5	241	26.9	54.1	248	27.9						
150	45.6	232	25.5	47.5	237	26.5	52.2	245	27.7						
150										57.0	249	27.2			
155	43.4	227	25.1	45.4	232	26.2	50.3	241	27.5	55.7	246	27.2			
160	41.2	222	24.6	43.3	226	25.9	48.3	236	27.1	53.9	243	27.1			
165	38.9	216	24.2	41.0	221	25.6	46.3	231	26.7	52.0	239	26.0			
170	36.4	209	23.8	38.7	215	25.3	44.2	226	26.3	50.1	235	24.9			
175	33.8	202	23.2	36.2	208	25.0	42.0	221	26.0	48.1	230	23.8			
180	31.0	194	22.2	33.6	201	24.3	39.7	215	25.2	46.1	226	22.9			
185	27.9	184	21.3	30.7	192	23.4	37.3	209	24.2	44.0	221	22.0			
190	24.5	174	20.4	27.7	183	22.5	34.7	201	23.3	41.8	215	21.1			
195	20.5	162	19.4	24.2	173	21.6	32.0	194	22.4	39.5	209	20.3			
200	15.5	146	18.5	20.2	160	20.7	29.0	185	21.6	37.0	203	19.5			
205							25.7	175	20.8	34.5	195	18.8			
210							22.0	163	20.0	31.7	188	18.1			
215							17.4	149	19.3	28.7	179	17.4			
220										25.4	169	16.8			
224													37.0	185	13.0
225										21.6	157	16.2	37.0	185	12.9
230													34.6	178	12.4
235													31.8	170	12.0
240													28.8	162	11.5
245													25.5	151	11.0
250													21.7	140	10.6
255													17.1	125	10.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	25.6						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	25.3						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	25.0						
135	53.7	259	23.6	55.3	261	24.2	59.4	267	24.8						
140	51.9	255	23.4	53.6	258	23.9	57.8	264	24.5						
145	50.1	251	23.1	51.8	254	23.7	56.1	261	24.3						
150	48.2	246	22.9	50.0	250	23.5	54.3	257	24.0						
155	46.3	241	22.7	48.1	245	23.3	52.6	253	23.8						
156										57.0	257	23.3			
160	44.3	236	22.4	46.2	241	23.0	50.8	249	23.7	55.9	255	23.3			
165	42.2	231	22.2	44.1	235	22.8	48.9	245	23.5	54.2	251	23.3			
170	40.1	225	22.0	42.1	230	22.7	47.0	240	23.3	52.4	248	23.1			
175	37.8	219	21.9	39.9	224	22.5	45.0	235	23.1	50.6	243	22.9			
180	35.4	212	21.7	37.6	218	22.3	43.0	230	22.9	48.7	239	22.5			
185	32.8	204	21.0	35.2	211	22.0	40.8	224	22.7	46.8	235	21.6			
190	30.1	196	20.3	32.6	203	21.4	38.6	218	22.6	44.8	230	20.8			
195	27.1	187	19.5	29.9	195	20.7	36.2	212	22.1	42.8	224	20.0			
200	23.7	176	18.8	26.8	185	20.0	33.8	204	21.3	40.6	218	19.2			
205	19.8	163	18.0	23.5	174	19.3	31.1	196	20.5	38.4	212	18.5			
210				19.5	161	18.6	28.2	187	19.7	36.0	206	17.8			
215							25.0	177	19.0	33.5	198	17.1			
220							21.3	165	18.3	30.8	190	16.5			
225							16.8	150	17.6	27.9	181	15.8			
230										24.6	170	15.3			
232													37.0	191	11.8
235										20.9	158	14.7	36.1	188	11.6
240													33.6	181	11.1
245													30.9	173	10.7
250													28.0	164	10.2
255													24.8	153	9.8
260													21.0	141	9.4
265													16.5	126	9.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	188.7												
37				75.0	168	188.7									
40	67.1	165	186.6	71.9	167	188.7									
45	62.2	163	172.9	67.2	165	169.5									
50	57.0	159	150.2	62.3	162	147.3									
55	51.5	156	132.7	57.1	159	130.1									
59							67.0	162	113.3						
60	45.5	151	118.6	51.6	155	116.4	65.7	161	110.2						
65	38.7	145	107.2	45.6	151	105.1	60.8	159	99.6						
70	30.6	137	97.6	38.9	145	95.8	55.5	155	90.8						
75	19.6	126	77.9	30.9	137	87.8	49.9	151	83.3						
80				23.0	129	33.0	43.7	146	76.9						
85										57.0	150	66.7			
85							36.6	140	71.3	56.7	150	66.4			
90							28.0	131	66.4	51.2	146	61.9			
95							18.9	122	33.0	45.1	142	57.9			
100										38.3	136	54.4			
105										30.2	128	51.1			
110										22.0	119	33.0			
129													37.0	115	34.2
130													35.3	113	33.8
135													28.6	107	32.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      76 ft luffing jib                      94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.8												
39				75.0	177	158.8									
40	70.2	176	158.8	74.4	177	158.8									
45	66.1	174	158.2	70.3	175	158.8									
50	61.8	171	150.1	66.2	173	147.1									
55	57.3	168	132.6	61.9	171	129.9									
60	52.6	164	118.6	57.4	168	116.2									
63							67.0	171	104.2						
65	47.5	160	107.1	52.7	164	105.0	64.9	170	99.2						
70	42.0	154	97.6	47.7	159	95.7	60.6	167	90.4						
75	35.7	148	89.5	42.1	154	87.8	56.0	164	83.0						
80	28.1	139	82.3	35.9	148	81.0	51.2	160	76.6						
85	17.7	126	68.8	28.4	139	75.1	46.0	155	71.1						
90				20.9	130	33.0	40.3	150	66.2						
90										57.0	159	61.5			
95							33.7	143	61.9	52.3	155	57.6			
100							25.7	133	58.1	47.2	151	54.0			
105										41.6	145	50.9			
110										35.3	138	48.0			
115										27.7	130	45.4			
120										20.0	120	33.0			
137													37.0	121	31.0
140													34.2	118	30.4
145													26.2	108	29.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	149.7												
42				75.0	187	150.1									
45	69.0	184	146.9	72.7	186	150.0									
50	65.3	182	140.4	69.1	184	146.8									
55	61.5	180	132.4	65.4	182	129.7									
60	57.6	176	118.4	61.6	179	116.0									
65	53.4	173	107.0	57.7	176	104.8									
66							67.0	180	96.3						
70	49.0	169	97.5	53.5	172	95.5	64.3	178	90.1						
75	44.3	164	89.4	49.2	168	87.6	60.5	176	82.7						
80	39.1	158	82.5	44.4	163	80.9	56.4	172	76.3						
85	33.2	151	76.6	39.2	157	75.0	52.2	169	70.8						
90	26.1	141	69.3	33.4	150	69.9	47.8	164	66.0						
95	16.1	127	57.2	26.3	141	62.1	42.9	159	61.7						
95										57.0	167	56.8			
100							37.6	153	57.9	53.2	164	53.7			
105							31.4	145	54.5	48.8	159	50.5			
110							23.8	135	51.4	44.0	154	47.7			
115										38.8	148	45.1			
120										32.9	141	42.7			
125										25.7	132	40.6			
130										18.3	121	33.0			
145													37.0	127	28.7
150													31.8	120	27.4
155													24.3	110	26.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      95 ft luffing jib                      94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	134.1												
44				75.0	196	133.2									
45	71.3	195	131.9	74.6	196	133.2									
50	68.1	193	128.5	71.4	195	132.5									
55	64.7	191	122.0	68.1	193	129.5									
60	61.3	188	118.3	64.8	190	115.8									
65	57.8	185	106.9	61.4	188	104.6									
70	54.1	181	97.4	57.9	185	95.3									
70							67.0	189	89.5						
75	50.2	177	89.4	54.2	181	87.5	63.8	187	82.5						
80	46.1	173	82.5	50.3	177	80.8	60.4	184	76.1						
85	41.6	167	76.5	46.2	172	74.9	56.8	181	70.6						
90	36.7	161	71.3	41.7	167	69.8	53.0	177	65.8						
95	31.1	153	66.7	36.9	160	65.3	49.1	173	61.6						
100	24.4	143	56.9	31.3	153	61.3	44.9	168	57.8						
101										57.0	175	52.9			
105										53.9	172	50.3			
110				24.6	143	57.7	40.3	162	54.4	50.0	168	47.5			
115							35.3	156	51.3	50.0	168	47.5			
120							29.4	147	48.5	45.8	163	44.9			
125							22.1	136	46.0	41.4	158	42.6			
130										36.4	151	40.4			
135										30.8	144	38.5			
153										24.0	133	36.6			
155													37.0	133	26.4
160													35.6	131	26.0
165													29.8	122	24.9
													22.6	112	23.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      105 ft luffing jib                      94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	116.2												
47				75.0	206	116.0									
50	70.2	204	113.5	73.2	205	116.0									
55	67.3	202	109.7	70.3	203	113.7									
60	64.3	199	105.6	67.4	201	110.2									
65	61.1	197	102.4	64.3	199	104.4									
70	57.9	193	97.2	61.2	196	95.1									
74							67.0	198	83.4						
75	54.6	190	89.1	58.0	193	87.2	66.4	198	82.1						
80	51.1	186	82.3	54.7	190	80.5	63.4	195	75.8						
85	47.5	182	76.3	51.2	186	74.7	60.3	193	70.3						
90	43.6	176	71.1	47.6	181	69.6	57.0	189	65.5						
95	39.4	171	66.5	43.7	176	65.1	53.7	186	61.2						
100	34.7	164	62.4	39.5	170	61.1	50.1	182	57.5						
105	29.4	155	58.8	34.8	163	57.5	46.4	177	54.1						
106										57.0	183	49.2			
110	22.9	144	52.4	29.5	155	54.3	42.4	172	51.1	54.4	181	47.1			
115				23.1	144	51.3	38.1	166	48.3	50.9	177	44.5			
120							33.3	158	45.8	47.3	172	42.2			
125							27.7	149	43.5	43.4	167	40.1			
130							20.7	138	41.3	39.1	161	38.1			
135										34.4	154	36.3			
140										29.1	146	34.7			
145										22.5	135	33.1			
160													37.0	138	24.2
165													33.6	133	23.5
170													28.1	125	22.6
175													21.2	113	21.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      115 ft luffing jib                      94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	103.5									
50	72.0	214	102.8	74.7	215	103.5									
55	69.3	212	100.4	72.1	214	103.3									
60	66.6	210	95.0	69.4	212	100.4									
65	63.8	208	92.8	66.7	210	97.5									
70	61.0	205	90.8	63.9	207	93.3									
75	58.1	202	87.4	61.1	205	86.9									
78							67.0	207	77.9						
80	55.0	198	82.0	58.2	202	80.2	65.9	206	75.4						
85	51.9	195	76.1	55.1	198	74.4	63.1	204	69.9						
90	48.6	190	70.9	52.0	194	69.3	60.2	201	65.1						
95	45.1	185	66.3	48.7	190	64.8	57.2	198	60.9						
100	41.4	180	62.0	45.2	185	60.8	54.2	194	57.1						
105	37.4	174	58.6	41.5	180	57.3	51.0	190	53.8						
110	32.9	166	55.3	37.5	173	54.0	47.7	186	50.7						
112										57.0	192	45.9			
115	27.8	157	52.3	33.1	166	51.1	44.1	181	48.0	54.9	189	44.1			
120	21.6	146	46.8	28.0	157	48.5	40.3	175	45.5	51.7	185	41.8			
125				21.8	146	46.0	36.2	169	43.2	48.4	181	39.7			
130							31.6	161	41.1	44.9	176	37.8			
135							26.2	151	39.2	41.2	171	36.0			
140							19.5	139	37.3	37.2	164	34.3			
145										33.8	159	32.9			
150										28.8	150	31.4			
155										22.8	139	30.1			
168													37.0	144	22.3
170													36.4	143	22.2
175													31.9	136	21.3
180													26.6	126	20.4
185													20.0	114	19.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	90.5									
55	71.0	223	88.9	73.5	224	90.4									
60	68.6	221	86.8	71.1	222	90.3									
65	66.1	219	84.4	68.6	220	87.1									
70	63.5	216	82.4	66.1	218	84.8									
75	60.9	213	80.7	63.6	216	82.7									
80	58.2	210	78.4	61.0	213	80.0									
82							67.0	216	73.1						
85	55.4	207	75.9	58.3	210	74.2	65.4	215	69.7						
90	52.5	203	70.7	55.5	207	69.1	62.8	212	64.9						
95	49.5	199	66.2	52.6	203	64.7	60.1	210	60.7						
100	46.4	194	61.8	49.6	199	60.7	57.4	206	56.9						
105	43.1	189	58.4	46.5	194	57.1	54.6	203	53.5						
110	39.5	183	55.1	43.2	189	53.9	51.7	199	50.5						
115	35.7	177	52.2	39.6	183	51.0	48.7	195	47.8						
117										57.0	200	43.0			
120	31.4	169	49.4	35.8	176	48.3	45.5	190	45.3	55.3	198	41.6			
125	26.5	159	46.1	31.5	168	45.9	42.1	184	43.0	52.4	194	39.5			
130	20.5	147	41.4	26.6	159	43.7	38.5	178	40.9	49.4	190	37.5			
135				20.6	147	41.6	34.5	171	39.0	46.2	185	35.8			
140							30.1	163	37.2	42.9	180	34.1			
145							25.0	153	35.5	40.2	175	32.7			
150							18.5	140	34.0	36.4	169	31.2			
155										32.2	161	29.9			
160										27.4	152	28.6			
165										21.7	141	27.5			
176													37.0	150	20.7
180													34.8	146	20.2
185													30.4	138	19.4
190													25.3	128	18.7
195													18.9	115	17.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	78.0	72.5	233	79.8									
65	67.9	229	76.2	70.3	231	78.2									
70	65.6	227	74.3	68.0	229	76.6									
75	63.2	225	72.7	65.7	227	74.5									
80	60.8	222	71.2	63.3	224	72.9									
85	58.3	219	69.3	60.8	222	71.4									
86							67.0	225	68.7						
90	55.7	216	67.7	58.3	218	68.8	64.9	223	64.5						
95	53.1	212	65.9	55.8	215	64.4	62.5	221	60.3						
100	50.3	208	61.8	53.1	211	60.4	60.1	218	56.5						
105	47.5	203	58.2	50.4	207	56.8	57.6	215	53.2						
110	44.4	198	54.9	47.5	203	53.6	55.0	211	50.2						
115	41.3	193	51.9	44.5	198	50.7	52.3	208	47.4						
120	37.8	186	49.2	41.3	192	48.1	49.5	203	45.0						
122										57.0	208	40.2			
125	34.1	179	46.8	37.9	186	45.7	46.6	199	42.7	55.6	206	39.1			
130	30.0	171	44.5	34.2	179	43.4	43.6	194	40.6	52.9	203	37.2			
135	25.3	161	41.0	30.1	171	41.4	40.3	188	38.7	50.2	199	35.4			
140	19.5	148	37.0	25.4	161	39.5	36.8	181	36.9	47.3	194	33.7			
145				19.6	148	37.7	33.0	174	35.3	45.0	190	32.3			
150							28.8	165	33.7	41.8	185	30.9			
155							25.0	157	32.3	38.5	179	29.6			
160							19.1	145	31.0	34.8	172	28.3			
165										30.8	164	27.2			
170										26.2	154	26.1			
175										20.6	142	25.0			
184													37.0	156	19.1
185													37.0	156	19.0
190													33.3	149	18.3
195													29.0	140	17.6
200													24.1	130	16.9
205													17.9	116	16.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	68.9									
70	67.4	238	65.8	69.6	240	67.4									
75	65.2	236	63.1	67.4	238	66.1									
80	63.0	233	62.0	65.2	235	63.4									
85	60.7	230	60.9	63.0	233	62.2									
89							67.0	235	62.0						
90	58.4	227	59.5	60.7	230	61.1	66.8	234	62.0						
95	56.0	224	58.2	58.4	227	59.8	64.6	232	59.9						
100	53.5	220	57.1	56.0	224	58.7	62.3	229	56.2						
105	51.0	216	56.1	53.6	220	56.5	60.0	226	52.8						
110	48.3	212	53.9	51.1	216	53.3	57.7	223	49.8						
115	45.6	207	51.4	48.4	212	50.4	55.3	220	47.1						
120	42.7	202	49.0	45.7	207	47.8	52.8	216	44.6						
125	39.6	196	46.5	42.8	202	45.4	50.3	212	42.4						
128										57.0	217	37.6			
130	36.3	189	44.3	39.7	196	43.2	47.6	208	40.3	55.9	215	36.7			
135	32.8	182	42.2	36.4	189	41.1	44.8	203	38.4	53.4	211	35.0			
140	28.8	173	39.4	32.9	182	39.2	41.9	197	36.6	50.8	207	33.4			
145	24.2	163	36.1	28.9	173	37.5	38.7	191	35.0	48.8	204	31.9			
150	20.0	153	27.8	24.3	163	35.8	35.4	184	33.4	46.1	199	30.5			
155				18.7	149	34.3	32.6	178	32.1	43.2	194	29.2			
160							28.6	170	30.7	40.2	188	28.0			
165							24.0	159	29.5	37.0	182	26.8			
170							18.2	146	28.3	33.4	174	25.7			
175										29.5	166	24.7			
180										25.1	156	23.7			
185										19.7	143	22.8			
192													37.0	162	17.5
195													35.6	159	17.2
200													31.9	152	16.5
205													27.8	143	15.9
210													23.1	132	15.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	59.4									
75	66.9	247	57.4	68.9	248	58.5									
80	64.8	244	56.5	66.9	246	57.7									
85	62.7	242	55.7	64.9	244	56.7									
90	60.6	239	54.9	62.8	241	55.9									
93							67.0	244	55.4						
95	58.4	236	53.9	60.7	238	55.1	66.3	243	55.4						
100	56.2	233	52.9	58.5	235	54.2	64.2	240	55.4						
105	53.9	229	52.1	56.3	232	53.3	62.2	238	52.6						
110	51.6	225	51.4	54.0	229	52.6	60.0	235	49.6						
115	49.1	221	50.0	51.6	225	50.2	57.8	232	46.8						
120	46.6	216	48.1	49.2	220	47.6	55.6	228	44.4						
125	43.9	211	46.2	46.6	216	45.2	53.3	225	42.1						
130	41.1	205	44.1	44.0	211	43.0	50.9	221	40.0						
133										57.0	225	35.4			
135	38.2	199	42.0	41.2	205	40.9	48.4	216	38.1	56.1	223	34.7			
140	35.0	192	40.1	38.3	199	39.0	45.9	212	36.4	53.8	220	33.1			
145	31.5	184	38.3	35.1	192	37.3	43.2	206	34.7	52.0	217	31.6			
150	27.7	175	35.9	31.6	184	35.7	40.3	201	33.2	49.6	213	30.2			
155	24.3	167	26.9	27.8	175	34.2	38.0	196	31.9	47.0	208	28.9			
160	19.1	154	25.6	24.5	167	28.6	34.8	189	30.5	44.4	203	27.7			
165				19.3	154	27.3	31.4	181	29.3	41.6	197	26.6			
170							27.5	172	28.1	38.7	191	25.5			
175							23.0	161	27.0	35.6	185	24.5			
180							17.4	147	25.9	32.2	177	23.5			
185										28.4	168	22.6			
190										24.1	158	21.7			
195										18.8	144	20.9			
200													37.0	168	16.3
200													37.0	168	16.2
205													34.3	162	15.6
210													30.7	154	15.0
215													26.8	145	14.5
220													22.1	133	13.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b> <b>164 ft luffing jib</b> <b>94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	51.0									
85	64.5	253	49.8	66.5	255	50.5									
90	62.5	250	49.5	64.6	252	50.1									
95	60.5	247	48.9	62.6	250	49.7									
97							67.0	253	48.8						
100	58.5	244	48.3	60.6	247	49.2	65.9	251	48.8						
105	56.4	241	47.6	58.6	244	48.5	64.0	249	48.8						
110	54.3	238	47.1	56.5	241	47.9	62.0	246	48.4						
115	52.1	234	46.6	54.3	237	47.4	60.0	243	46.5						
120	49.8	229	45.9	52.1	233	46.9	57.9	240	44.0						
125	47.4	225	44.4	49.9	229	44.9	55.8	237	41.8						
130	45.0	220	43.0	47.5	225	42.7	53.7	233	39.7						
135	42.4	215	41.7	45.0	220	40.6	51.4	229	37.8						
138										57.0	233	33.2			
140	39.7	209	39.8	42.5	214	38.8	49.1	225	36.0	56.8	233	32.8			
145	36.9	202	38.0	39.8	208	37.0	46.8	221	34.4	54.7	229	31.3			
150	33.8	195	36.4	36.9	202	35.4	44.9	217	32.9	52.5	225	29.9			
155	30.4	187	34.8	33.9	195	33.9	42.3	211	31.5	50.2	221	28.6			
160	27.6	180	26.1	31.3	189	30.3	39.6	205	30.2	47.9	217	27.3			
165	23.4	169	24.7	27.7	179	28.7	36.7	199	29.0	45.4	212	26.2			
170	18.3	155	23.3	23.5	169	27.0	33.6	192	27.8	42.9	207	25.1			
175				18.5	155	25.3	30.3	183	26.7	40.2	201	24.1			
180							26.5	174	25.7	37.4	195	23.2			
185							22.1	162	24.7	34.3	187	22.3			
190							16.7	147	23.7	31.0	179	21.4			
195										27.4	170	20.6			
200										23.2	159	19.8			
205										18.0	145	19.1			
208													37.0	174	14.8
210													36.2	172	14.6
215													33.1	165	14.1
220													29.6	156	13.5
225													25.8	146	13.0
230													21.3	134	12.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b> <b>174 ft luffing jib</b> <b>94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7			74.9									
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.5	66.1	263	44.2									
95	62.4	259	43.1	64.3	261	43.7									
100	60.5	256	42.6	62.4	258	43.4									
101							67.0	262	42.8						
105	58.6	253	41.9	60.5	255	42.8	65.5	260	42.8						
110	56.6	250	41.4	58.6	252	42.2	63.7	257	42.8						
115	54.6	246	40.9	56.6	249	41.6	61.8	255	42.3						
120	52.5	242	40.4	54.6	246	41.2	59.9	252	41.9						
125	50.4	238	40.0	52.6	242	40.7	58.0	249	41.4						
130	48.2	234	39.0	50.4	238	40.2	56.0	245	39.3						
135	45.9	229	38.1	48.2	233	39.4	54.0	242	37.4						
140	43.5	224	37.3	46.0	229	38.5	51.9	238	35.7						
144										57.0	241	30.9			
145	41.0	218	36.4	43.6	223	36.7	49.8	234	34.1	56.9	241	30.9			
150	38.4	212	35.7	41.1	218	35.1	48.1	230	32.6	54.9	238	29.5			
155	35.7	205	34.6	38.5	212	33.6	45.8	226	31.2	52.9	234	28.2			
160	32.7	198	33.1	36.4	207	30.4	43.4	220	29.9	50.8	230	27.0			
165	30.2	191	25.0	33.5	199	29.2	40.9	215	28.6	48.6	226	25.8			
170	26.6	182	23.7	30.3	191	27.7	38.3	209	27.5	46.3	221	24.8			
175	22.6	170	22.4	26.7	181	26.1	35.5	202	26.4	44.0	216	23.8			
180	17.6	156	21.0	22.7	170	24.6	32.5	194	25.4	41.5	210	22.8			
185				17.8	156	23.0	29.2	186	24.4	38.9	204	21.9			
190							25.6	176	23.5	36.2	197	21.1			
195							21.3	164	22.6	33.2	190	20.3			
200							16.0	148	21.7	30.0	182	19.5			
205										26.4	172	18.8			
210										22.3	161	18.1			
215										17.3	146	17.4			
215													37.0	180	13.5
220													35.0	175	13.1
225													32.0	167	12.6
230													28.6	158	12.1
235													24.9	148	11.7
240													20.5	136	11.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	37.4									
105							67.0	271	36.9						
105	60.4	264	36.2	62.3	267	37.0	66.9	271	36.9						
110	58.6	261	35.6	60.5	264	36.5	65.2	268	36.8						
115	56.7	258	35.1	58.7	261	35.9	63.5	266	36.7						
120	54.8	255	34.7	56.8	258	35.4	61.7	263	36.3						
125	52.9	251	34.3	54.9	254	34.9	59.9	260	35.8						
130	50.9	247	33.9	52.9	250	34.5	58.1	257	35.4						
135	48.8	243	33.4	51.0	246	34.2	56.2	254	34.9						
140	47.2	239	29.3	48.9	242	33.7	54.3	250	34.5						
145	45.0	234	28.3	46.8	237	33.3	52.3	247	33.8						
149															
150	42.7	229	27.4	45.1	234	29.6	50.8	244	31.7	57.0	250	29.4			
155	40.4	223	26.6	42.8	228	29.1	48.7	239	30.9	57.0	250	29.1			
155										55.2	246	27.9			
160	37.9	217	25.8	40.4	223	28.6	46.6	235	29.6	53.3	243	26.7			
165	35.2	210	25.0	37.9	216	28.1	44.4	229	28.4	51.3	239	25.5			
170	32.3	202	23.8	35.3	209	27.6	42.1	224	27.2	49.2	234	24.5			
175	29.2	193	22.5	32.4	202	26.2	39.7	218	26.2	47.1	230	23.5			
180	25.8	184	21.3	29.3	193	24.8	37.1	212	25.1	44.9	225	22.5			
185	21.8	172	20.0	25.9	183	23.5	34.4	205	24.2	42.6	219	21.7			
190	16.9	157	18.7	21.9	172	22.1	31.5	197	23.2	40.2	214	20.8			
195							28.3	188	22.4	37.7	207	20.0			
200							24.7	177	21.5	35.0	200	19.3			
205							20.6	165	20.7	32.2	193	18.5			
210										29.1	184	17.8			
215										25.6	174	17.2			
220										21.6	162	16.5			
223													37.0	186	12.4
225													36.7	185	12.4
230													33.9	178	11.9
235													31.0	170	11.4
240													27.7	161	11.0
245													24.0	150	10.5
250													19.7	137	10.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	29.7						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	29.7						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	29.7						
120	57.3	267	28.2	59.1	270	28.8	63.7	275	29.6						
125	55.5	264	27.8	57.3	267	28.4	62.0	272	29.3						
130	53.7	260	27.5	55.6	264	28.0	60.3	270	29.1						
135	51.8	256	27.2	53.7	260	27.7	58.6	267	28.9						
140	49.9	252	26.8	51.9	256	27.4	56.8	263	28.5						
145	47.9	248	26.1	49.9	252	27.1	55.0	260	28.2						
150	45.8	243	25.5	47.9	247	26.7	53.2	256	27.9						
154										57.0	258	27.6			
155	43.7	238	25.0	45.9	243	26.3	51.3	252	27.6	57.0	258	26.8			
160	41.5	232	24.4	43.8	237	25.9	49.3	248	27.3	55.4	255	26.3			
165	39.2	226	23.9	41.6	232	25.6	47.3	243	26.9	53.6	251	25.2			
170	36.8	220	23.5	39.3	226	25.3	45.3	238	26.6	51.7	247	24.1			
175	34.2	213	22.8	36.8	219	25.0	43.1	233	25.8	49.8	243	23.1			
180	31.4	205	21.7	34.2	212	24.3	40.9	228	24.8	47.8	239	22.2			
185	28.3	196	20.6	31.5	204	23.3	38.5	221	23.8	45.7	234	21.3			
190	25.0	185	19.5	28.4	195	22.2	36.0	215	22.9	43.6	229	20.4			
195	21.1	173	18.3	25.1	185	21.2	33.4	207	22.1	41.4	223	19.6			
200	16.3	158	17.2	21.2	173	20.2	30.6	199	21.2	39.1	217	18.9			
205							27.4	190	20.4	36.6	210	18.2			
210							23.9	179	19.7	34.0	203	17.5			
215							19.9	166	19.0	31.2	195	16.8			
220										28.2	186	16.2			
225										24.8	176	15.6			
230										20.9	164	15.0			
231													37.0	192	11.3
235													35.6	188	11.0
240													32.9	180	10.6
245													30.0	172	10.1
250													26.9	163	9.7
255													23.3	152	9.3
260													19.1	138	8.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 203 ft luffing jib 94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	25.4						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	25.2						
130	55.7	272	23.8	57.5	275	24.4	61.9	281	24.9						
135	54.0	269	23.5	55.8	272	24.1	60.3	278	24.7						
140	52.2	265	23.3	54.0	268	23.8	58.6	275	24.5						
145	50.4	261	23.0	52.2	265	23.6	56.9	272	24.2						
150	48.5	257	22.8	50.4	261	23.4	55.2	268	23.9						
155	46.6	252	22.5	48.6	256	23.1	53.5	265	23.7						
160										57.0	266	24.5			
160	44.6	247	22.3	46.6	251	22.9	51.7	261	23.5	57.0	266	22.5			
165	42.5	241	22.0	44.6	246	22.7	49.9	257	23.3	55.6	263	22.5			
170	40.4	236	21.8	42.6	241	22.5	48.0	252	23.1	53.9	260	22.5			
175	38.1	229	21.6	40.4	235	22.3	46.0	247	22.9	52.1	256	22.3			
180	35.7	223	21.4	38.2	229	22.1	44.0	242	22.7	50.3	252	21.8			
185	33.2	215	20.7	35.8	222	21.9	41.9	237	22.5	48.4	247	20.9			
190	30.5	207	19.7	33.3	215	21.2	39.7	231	22.3	46.5	243	20.1			
195	27.5	198	18.7	30.6	207	20.5	37.5	224	21.7	44.5	238	19.3			
200	24.2	187	17.7	27.6	197	19.8	35.0	218	20.9	42.4	232	18.5			
205	20.4	175	16.7	24.3	187	19.1	32.5	210	20.1	40.2	226	17.8			
210				20.5	174	18.4	29.7	201	19.4	38.0	220	17.1			
215							26.6	192	18.7	35.6	213	16.5			
220							23.2	181	18.0	33.1	206	15.9			
225							19.2	167	17.3	30.3	197	15.3			
230										27.4	188	14.7			
235										24.0	177	14.2			
239													37.0	198	10.2
240										20.2	165	13.6	37.0	198	10.2
245													34.6	191	9.8
250													32.0	183	9.3
255													29.2	174	9.0
260													26.1	164	8.6
265													22.6	153	8.2
270													18.4	139	7.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>66 ft luffing jib</b> <b>104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	187.8												
38				75.0	178	188.7									
40	67.7	175	184.6	73.0	177	188.6									
45	62.8	173	172.7	68.3	175	168.9									
50	57.7	170	150.1	63.5	173	146.8									
55	52.3	166	132.5	58.4	170	129.6									
60	46.3	161	118.5	53.0	166	115.9									
61							67.0	172	106.2						
65	39.7	156	107.1	47.1	162	104.8	63.3	170	98.5						
70	31.9	148	97.5	40.6	156	95.5	58.2	167	89.8						
75	21.4	137	81.0	33.0	149	87.6	52.8	163	82.4						
80				23.0	139	80.7	46.9	158	76.0						
85							40.4	153	70.5						
89										57.0	159	61.5			
90							32.7	146	65.7	55.8	159	60.6			
95							22.6	135	61.4	50.2	155	56.7			
100										44.0	150	53.2			
105										37.1	143	50.1			
110										28.6	135	47.2			
136													37.0	122	30.2
140													32.2	117	29.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	158.8												
40	70.8	186	158.8												
40				75.0	187	158.8									
45	66.7	184	156.9	71.3	186	158.8									
50	62.4	181	150.0	67.2	184	146.5									
55	58.0	178	132.4	63.0	181	129.4									
60	53.3	175	118.4	58.5	178	115.8									
65	48.2	170	107.0	53.9	175	104.6									
65							67.0	181	98.0						
70	42.8	165	97.5	48.9	170	95.3	62.8	178	89.4						
75	36.6	159	89.5	43.5	165	87.5	58.4	175	82.1						
80	29.3	150	82.5	37.4	159	80.7	53.7	172	75.8						
85	19.5	139	70.9	30.3	151	74.9	48.7	167	70.3						
90				21.0	140	69.7	43.3	162	65.5						
94										57.0	168	56.9			
95							37.2	156	61.3	56.3	167	56.3			
100							30.1	148	57.5	51.5	163	52.8			
105										46.3	159	49.7			
110										40.6	153	46.9			
115										34.1	146	44.4			
120										26.2	137	42.0			
144													37.0	128	27.7
145													36.8	127	27.7
150													29.6	119	26.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft luffing jib 104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	147.1												
43				75.0	197	147.0									
45	69.5	195	144.9	73.6	196	146.9									
50	65.9	192	139.7	70.0	194	145.5									
55	62.1	190	132.2	66.3	192	129.2									
60	58.1	187	118.3	62.6	190	115.5									
65	54.0	183	106.9	58.7	187	104.4									
69							67.0	190	90.8						
70	49.7	179	97.4	54.6	183	95.1	66.2	189	89.0						
75	45.0	174	89.3	50.2	179	87.3	62.4	187	81.7						
80	39.9	168	82.5	45.6	174	80.5	58.5	184	75.4						
85	34.1	161	76.5	40.5	169	74.7	54.4	180	70.0						
90	27.2	152	71.2	34.9	162	69.6	50.1	176	65.2						
95	17.8	139	58.8	28.2	153	63.0	45.4	171	61.0						
100										57.0	176	52.7			
100				19.3	141	60.7	40.4	166	57.2	56.7	176	52.4			
105							34.7	159	53.9	52.5	172	49.4			
110							27.9	150	50.8	48.0	168	46.6			
115										43.2	162	44.1			
120										37.9	156	41.8			
125										31.8	149	39.7			
130										24.2	139	37.7			
152													37.0	134	25.4
155													34.3	130	24.9
160													27.4	121	23.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      95 ft luffing jib                      104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.9												
45	71.7	205	128.4												
46				75.0	206	129.0									
50	68.5	203	125.0	72.1	205	128.9									
55	65.2	201	120.1	68.9	203	125.7									
60	61.8	198	116.5	65.6	201	115.4									
65	58.3	195	106.8	62.2	198	104.2									
70	54.6	192	97.3	58.7	195	95.0									
73							67.0	199	84.6						
75	50.8	188	89.3	55.1	192	87.1	65.5	198	81.5						
80	46.7	183	82.4	51.3	188	80.4	62.1	195	75.2						
85	42.3	178	76.4	47.2	183	74.6	58.6	192	69.8						
90	37.4	172	71.2	42.8	178	69.5	55.0	189	65.0						
95	32.0	164	66.6	38.1	172	65.0	51.1	185	60.8						
100	25.4	154	57.8	32.7	164	61.0	47.1	180	57.1						
105				26.3	155	57.4	42.7	175	53.7	57.0	184	49.1			
110				20.2	146	33.0	37.9	169	50.7	53.2	180	46.4			
115							32.5	161	48.0	49.3	176	43.9			
120							26.1	152	45.5	45.1	171	41.6			
125										40.6	166	39.5			
130										35.6	159	37.6			
135										29.8	151	35.8			
140										22.6	140	34.1			
159													37.0	140	23.7
160													37.0	140	23.6
165													32.2	133	22.7
170													25.7	123	21.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	114.6												
48				75.0	216	114.3									
50	70.6	214	112.3	73.9	215	114.3									
55	67.7	212	109.1	71.0	213	113.1									
60	64.7	209	105.0	68.1	211	109.7									
65	61.6	207	102.1	65.1	209	103.9									
70	58.4	204	94.0	62.0	207	94.7									
75	55.1	200	89.0	58.8	204	86.9									
77							67.0	208	79.0						
80	51.6	196	82.2	55.5	200	80.2	65.0	206	74.8						
85	48.0	192	76.2	52.1	196	74.4	61.9	204	69.4						
90	44.1	187	71.0	48.5	192	69.3	58.7	201	64.7						
95	40.0	181	66.4	44.6	187	64.8	55.4	197	60.5						
100	35.4	174	62.4	40.5	181	60.8	52.0	193	56.8						
105	30.2	166	58.7	36.0	175	57.3	48.3	189	53.4						
110	23.9	156	53.7	30.9	167	54.0	44.5	184	50.4						
110										57.0	192	45.8			
115				24.8	157	51.1	40.4	178	47.7	53.9	189	43.5			
120				18.8	147	33.0	35.8	172	45.2	50.3	185	41.2			
125							30.7	164	42.9	46.6	180	39.1			
130							24.5	154	40.8	42.7	175	37.2			
135										38.4	169	35.5			
140										33.6	162	33.8			
145										29.4	155	32.4			
150										23.0	145	30.9			
167													37.0	145	21.6
170													35.5	143	21.4
175													30.3	135	20.5
180													24.1	125	19.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	100.3												
51				75.0	225	100.8									
55	69.7	222	98.3	72.7	224	100.7									
60	67.0	220	94.5	70.0	222	98.7									
65	64.2	218	91.7	67.3	220	95.3									
70	61.4	215	89.6	64.6	218	92.3									
75	58.5	212	86.3	61.8	215	86.6									
80	55.5	209	81.9	58.9	212	79.9									
81							67.0	217	73.9						
85	52.3	205	76.0	55.9	209	74.1	64.5	215	69.0						
90	49.1	201	70.8	52.8	205	69.0	61.7	212	64.3						
95	45.6	196	66.2	49.5	201	64.6	58.8	209	60.1						
100	41.9	191	62.1	46.1	196	60.6	55.8	206	56.4						
105	38.0	184	58.5	42.4	191	57.0	52.6	202	53.1						
110	33.6	177	55.2	38.5	185	53.8	49.4	198	50.1						
115	28.6	168	52.2	34.2	178	50.9	45.9	193	47.4						
116										57.0	201	42.7			
120	22.6	157	47.6	29.3	169	48.3	42.3	188	44.9	54.4	198	40.8			
125				23.4	159	45.8	38.3	182	42.7	51.2	194	38.7			
130				17.7	148	33.0	34.0	174	40.6	47.8	189	36.8			
135							29.1	166	38.7	44.3	184	35.1			
140							23.2	155	36.9	40.5	179	33.5			
145										37.4	174	32.0			
150										33.0	166	30.6			
155										27.9	157	29.3			
160										21.7	146	28.1			
175													37.0	151	19.9
180													33.7	146	19.3
185													28.8	137	18.5
190													22.8	126	17.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	89.3									
55	71.4	233	88.1	74.1	234	89.3									
60	68.9	231	86.3	71.7	233	88.9									
65	66.4	229	83.9	69.2	231	86.6									
70	63.9	226	81.9	66.7	229	84.5									
75	61.2	224	80.3	64.2	226	82.4									
80	58.6	221	78.0	61.6	224	79.7									
84							67.0	226	69.5						
85	55.8	217	75.8	58.9	221	73.9	66.7	226	68.8						
90	52.9	214	70.6	56.2	217	68.8	64.1	223	64.0						
95	50.0	209	66.1	53.3	214	64.4	61.5	221	59.9						
100	46.8	205	62.0	50.3	209	60.4	58.8	218	56.2						
105	43.5	200	58.4	47.2	205	56.9	56.1	214	52.9						
110	40.0	194	55.1	44.0	200	53.7	53.2	211	49.9						
115	36.2	187	52.1	40.5	194	50.8	50.2	206	47.2						
120	32.0	180	49.4	36.7	188	48.1	47.1	202	44.7						
121										57.0	209	40.1			
125	27.2	171	46.9	32.6	180	45.7	43.9	197	42.5	54.8	206	38.5			
130	21.4	159	42.5	27.9	171	43.5	40.4	191	40.4	51.9	202	36.6			
135				22.2	160	41.4	36.6	185	38.5	48.9	198	34.8			
140							32.4	177	36.7	45.7	193	33.2			
145							27.7	168	35.1	43.1	189	31.8			
150							22.0	157	33.5	39.6	183	30.4			
155										35.7	177	29.1			
160										31.4	169	27.9			
165										26.5	159	26.7			
170										20.5	147	25.6			
183													37.0	157	18.4
185													36.3	156	18.3
190													32.2	149	17.6
195													27.4	139	16.9
200													21.6	128	16.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	76.3	73.1	243	77.8									
65	68.2	240	74.7	70.8	241	76.8									
70	65.9	237	72.8	68.5	239	75.1									
75	63.5	235	71.2	66.2	237	73.3									
80	61.1	232	69.9	63.8	235	71.6									
85	58.6	229	68.1	61.4	232	70.4									
88							67.0	235	65.3						
90	56.1	226	66.5	59.0	229	68.5	66.1	234	63.7						
95	53.4	222	63.6	56.4	226	64.1	63.8	232	59.5						
100	50.7	218	61.7	53.8	222	60.1	61.3	229	55.8						
105	47.9	214	58.1	51.1	218	56.6	58.9	226	52.5						
110	44.9	209	54.8	48.2	214	53.4	56.3	223	49.5						
115	41.7	203	51.9	45.3	209	50.5	53.7	219	46.8						
120	38.3	197	49.2	42.1	203	47.9	51.0	215	44.4						
125	34.7	190	46.7	38.8	197	45.4	48.1	211	42.1						
126										57.0	217	37.5			
130	30.6	182	44.4	35.2	191	43.2	45.2	206	40.1	55.1	215	36.2			
135	26.0	172	41.2	31.2	183	41.2	42.0	200	38.2	52.5	211	34.4			
140	20.4	160	37.4	26.6	173	39.3	38.7	194	36.4	50.3	208	32.9			
145				21.2	161	37.5	35.0	187	34.8	47.5	203	31.4			
150							31.0	179	33.3	44.5	198	30.0			
155							27.6	172	31.9	41.3	193	28.8			
160							22.3	161	30.6	37.9	186	27.5			
165										34.2	179	26.4			
170										30.1	171	25.3			
175										25.3	161	24.3			
180										19.5	148	23.4			
191													37.0	163	16.9
195													34.8	159	16.5
200													30.8	151	15.8
205													26.1	141	15.2
210													20.6	129	14.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	68.3									
70	67.7	248	64.4	70.1	250	67.0									
75	65.5	246	62.9	67.9	248	65.8									
80	63.3	243	61.7	65.8	246	63.3									
85	61.0	241	60.6	63.6	243	62.0									
90	58.7	238	59.2	61.3	240	61.0									
92							67.0	244	61.3						
95	56.3	234	57.9	59.0	237	59.7	65.7	243	59.1						
100	53.9	231	56.8	56.6	234	58.5	63.5	240	55.4						
105	51.3	227	55.8	54.2	231	56.3	61.2	237	52.1						
110	48.7	222	53.8	51.7	227	53.1	58.9	235	49.1						
115	46.0	218	51.2	49.1	223	50.2	56.5	231	46.4						
120	43.1	212	48.8	46.3	218	47.6	54.1	228	44.0						
125	40.1	207	46.4	43.5	213	45.2	51.6	224	41.8						
130	36.8	200	44.2	40.5	207	43.0	49.0	219	39.7						
132										57.0	225	35.1			
135	33.3	193	42.1	37.2	201	40.9	46.2	215	37.8	55.4	223	34.0			
140	29.4	184	39.5	33.8	193	39.1	43.4	210	36.1	53.6	220	32.5			
145	24.9	174	36.5	29.9	185	37.3	40.4	204	34.5	51.0	216	31.0			
150	19.4	161	33.4	25.5	175	35.7	37.9	199	32.8	48.4	212	29.7			
155				20.2	163	34.1	34.5	192	31.6	45.6	207	28.4			
160							30.7	184	30.3	42.7	202	27.2			
165							26.4	174	29.0	39.7	196	26.1			
170							21.4	163	27.9	36.4	189	25.0			
175										32.8	182	24.0			
180										28.8	173	23.1			
185										24.3	163	22.2			
190										18.6	150	21.3			
199													37.0	169	15.5
200													36.9	169	15.4
205													33.4	162	14.8
210													29.5	153	14.3
215													25.0	143	13.7
220													19.6	130	13.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	56.3	69.4	258	57.4									
80	65.1	254	55.4	67.4	256	56.8									
85	63.0	252	54.7	65.4	254	55.8									
90	60.9	249	54.0	63.3	252	55.0									
95	58.7	246	53.0	61.2	249	54.4									
96							67.0	253	54.0						
100	56.5	243	52.1	59.0	246	53.4	65.3	251	54.0						
105	54.2	239	51.4	56.8	243	52.6	63.2	249	51.8						
110	51.9	235	50.7	54.5	239	51.8	61.1	246	48.9						
115	49.5	231	49.6	52.2	235	50.0	58.9	243	46.2						
120	46.9	227	47.7	49.8	231	47.3	56.7	240	43.7						
125	44.3	222	45.9	47.3	227	45.0	54.5	236	41.5						
130	41.5	216	44.0	44.6	222	42.8	52.1	232	39.5						
135	38.6	210	41.9	41.9	216	40.7	49.7	228	37.6						
137										57.0	234	33.1			
140	35.4	203	40.0	39.0	210	38.9	47.2	224	35.8	56.2	233	32.2			
145	32.0	195	38.2	35.9	203	37.1	44.6	219	34.2	53.9	229	30.7			
150	28.2	186	36.1	32.5	196	35.5	42.5	214	32.8	51.6	225	29.4			
155	23.9	176	33.3	28.8	187	34.0	39.6	209	31.4	49.1	221	28.1			
160	19.9	166	23.3	25.5	179	26.5	36.5	202	30.1	46.6	216	26.9			
165				20.6	167	25.4	33.2	195	28.8	44.0	211	25.8			
170							29.5	186	27.7	41.2	205	24.7			
175							25.4	176	26.6	38.2	199	23.8			
180							20.5	164	25.5	35.0	192	22.8			
185										31.6	184	21.9			
190										27.7	175	21.1			
195										23.3	165	20.3			
200										17.8	151	19.5			
207													37.0	175	14.3
210													35.6	172	14.0
215													32.2	164	13.5
220													28.4	155	12.9
225													24.0	145	12.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	50.7									
85	64.8	263	49.4	66.9	265	50.3									
90	62.8	260	49.0	65.0	263	49.8									
95	60.8	258	48.6	63.1	260	49.4									
100							67.0	262	48.0						
100	58.8	255	47.9	61.1	257	49.0	66.9	262	48.0						
105	56.7	251	47.4	59.0	254	48.3	65.0	260	48.0						
110	54.6	248	46.9	57.0	251	47.7	63.0	257	47.8						
115	52.4	244	46.4	54.8	248	47.2	61.0	254	45.8						
120	50.1	240	45.9	52.7	244	46.7	59.0	251	43.4						
125	47.8	235	44.5	50.4	240	44.7	56.9	248	41.2						
130	45.3	231	43.2	48.1	235	42.5	54.8	245	39.1						
135	42.8	225	41.6	45.6	231	40.4	52.6	241	37.2						
140	40.1	219	39.7	43.1	225	38.6	50.3	237	35.5						
143										57.0	242	30.7			
145	37.3	213	38.0	40.5	220	36.8	48.0	232	33.9	56.4	241	30.3			
150	34.2	206	36.3	37.6	213	35.2	46.1	229	32.5	54.3	237	29.0			
155	30.9	198	34.8	34.6	206	33.7	43.6	224	31.1	52.1	234	27.7			
160	27.2	189	33.3	32.1	200	28.0	41.0	218	29.8	49.8	229	26.5			
165	24.0	180	22.6	28.6	192	26.7	38.2	212	28.5	47.5	225	25.4			
170	19.1	167	21.8	24.6	181	25.3	35.2	205	27.4	45.0	220	24.4			
175				19.8	168	23.9	32.0	197	26.3	42.5	215	23.4			
180							28.5	188	25.3	39.8	209	22.5			
185							24.4	178	24.3	36.9	202	21.6			
190							19.6	165	23.4	33.8	195	20.8			
195										30.5	187	20.0			
200										26.7	177	19.2			
205										22.4	166	18.5			
214													37.0	181	13.1
215													37.0	181	13.0
220													34.3	175	12.5
225													31.0	167	12.0
230													27.3	157	11.6
235													23.1	146	11.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	43.3									
95	62.6	269	42.1	64.7	271	42.9									
100	60.7	266	41.6	62.9	269	42.5									
104							67.0	271	41.7						
105	58.8	263	41.1	61.0	266	42.1	66.5	271	41.7						
110	56.9	260	40.5	59.1	263	41.4	64.7	268	41.6						
115	54.9	256	40.0	57.1	260	40.9	62.8	266	41.4						
120	52.8	253	39.6	55.1	256	40.4	60.9	263	41.0						
125	50.7	249	39.3	53.1	253	39.9	59.0	260	40.6						
130	48.5	244	38.5	51.0	249	39.5	57.0	257	38.7						
135	46.2	239	37.6	48.8	244	38.8	55.0	253	36.9						
140	43.9	234	36.9	46.5	240	38.1	53.0	250	35.1						
145	41.4	229	36.1	44.2	234	36.5	50.9	246	33.5						
148										57.0	250	28.8			
150	38.8	223	35.5	41.7	229	34.9	49.2	242	32.1	56.6	250	28.6			
155	36.0	216	34.5	39.1	223	33.4	47.0	238	30.7	54.6	246	27.3			
160	33.1	209	33.1	37.1	218	28.6	44.6	233	29.4	52.5	242	26.1			
165	30.6	202	23.0	34.2	211	27.5	42.2	227	28.2	50.4	238	25.0			
170	27.2	193	21.8	31.1	203	26.0	39.7	221	27.0	48.2	234	24.0			
175	23.2	182	20.7	27.6	194	24.6	37.0	215	26.0	45.9	229	23.0			
180	18.4	168	19.6	23.7	183	23.1	34.1	208	25.0	43.6	224	22.1			
185				19.1	170	21.6	31.0	200	24.0	41.1	218	21.2			
190							27.5	190	23.1	38.5	212	20.4			
195							23.6	180	22.2	35.7	205	19.6			
200							18.9	166	21.4	32.7	198	18.9			
205										29.4	189	18.1			
210										25.8	179	17.5			
215										21.6	167	16.8			
222													37.0	187	11.8
225													36.1	185	11.6
230													33.2	177	11.2
235													30.0	169	10.7
240													26.4	159	10.3
245													22.3	148	9.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	37.2									
105	60.7	275	36.0	62.7	277	36.9									
107							67.0	280	36.5						
110	58.9	272	35.4	60.9	274	36.4	66.1	279	36.5						
115	57.0	268	34.9	59.1	271	35.8	64.4	277	36.5						
120	55.1	265	34.5	57.2	268	35.3	62.6	274	36.2						
125	53.2	261	34.1	55.4	265	34.8	60.8	271	35.7						
130	51.2	257	33.8	53.4	261	34.4	59.0	268	35.3						
135	49.1	253	33.3	51.4	257	34.0	57.2	265	34.8						
140	47.5	249	29.0	49.4	253	33.7	55.3	262	34.3						
145	45.3	245	27.9	47.3	248	33.3	53.4	258	33.3						
150	43.1	239	27.0	45.6	245	29.3	51.8	255	31.5						
153										57.0	258	27.2			
155	40.7	234	26.0	43.4	239	28.8	49.8	251	30.5	56.8	258	27.0			
160	38.2	227	25.2	41.0	234	28.2	47.7	246	29.2	54.9	255	25.8			
165	35.6	221	24.4	38.5	228	27.8	45.5	242	27.9	52.9	251	24.7			
170	32.7	213	23.1	35.9	221	27.3	43.3	236	26.8	50.9	247	23.7			
175	29.7	205	21.8	33.1	213	25.9	40.9	231	25.7	48.9	242	22.7			
180	26.3	195	20.4	30.1	205	24.3	38.4	225	24.7	46.7	238	21.8			
185	22.4	183	19.1	26.7	196	22.8	35.8	218	23.8	44.5	233	20.9			
190	17.7	169	17.7	22.9	184	21.2	33.0	210	22.8	42.2	227	20.1			
195				18.4	171	19.6	30.0	202	22.0	39.8	222	19.3			
200							26.6	192	21.2	37.3	215	18.6			
205							22.8	181	20.4	34.6	208	17.9			
210										31.7	200	17.2			
215										28.5	191	16.6			
220										24.9	181	16.0			
225										20.8	169	15.4			
230													37.0	193	10.8
235													35.0	188	10.5
240													32.2	180	10.0
245													29.0	171	9.6
250													25.5	161	9.2
255													21.5	149	8.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	29.1						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	29.1						
120	57.5	278	27.7	59.5	281	28.3	64.5	286	29.1						
125	55.8	274	27.3	57.8	277	27.9	62.9	283	28.8						
130	53.9	271	26.9	56.0	274	27.5	61.2	281	28.6						
135	52.1	267	26.6	54.2	271	27.2	59.5	278	28.4						
140	50.1	263	26.3	52.3	267	26.9	57.7	274	28.1						
145	48.2	258	25.6	50.4	263	26.6	55.9	271	27.7						
150	46.1	253	25.0	48.4	258	26.1	54.1	268	27.3						
155	44.0	248	24.4	46.4	254	25.8	52.2	264	27.0						
159										57.0	267	25.5			
160	41.8	243	23.9	44.3	249	25.4	50.3	260	26.8	56.9	267	25.4			
165	39.5	237	23.3	42.1	243	25.0	48.4	255	26.4	55.1	263	24.3			
170	37.1	230	22.9	39.8	237	24.7	46.3	251	26.1	53.3	259	23.3			
175	34.5	223	22.3	37.4	231	24.4	44.2	245	25.4	51.4	255	22.3			
180	31.8	216	21.0	34.9	224	23.9	42.0	240	24.4	49.4	251	21.4			
185	28.8	207	19.8	32.1	216	22.8	39.7	234	23.4	47.4	247	20.6			
190	25.5	197	18.5	29.2	207	21.7	37.3	228	22.5	45.4	242	19.7			
195	21.7	185	17.2	25.9	198	20.6	34.8	221	21.7	43.2	237	19.0			
200	17.0	170	15.9	22.2	186	19.5	32.0	213	20.9	41.0	231	18.2			
205				17.7	172	18.4	29.1	204	20.1	38.7	225	17.5			
210							25.8	194	19.3	36.2	218	16.9			
215							22.0	183	18.6	33.6	211	16.2			
220										30.7	203	15.6			
225										27.6	193	15.0			
230										24.2	183	14.5			
235										20.1	170	13.9			
238													37.0	199	9.7
240													36.6	198	9.6
245													34.0	190	9.2
250													31.2	182	8.8
255													28.1	173	8.5
260													24.7	163	8.1
265													20.8	151	7.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
115							67.0	298	25.2						
120	59.3	289	24.4	61.1	292	25.1	65.8	297	25.2						
125	57.6	286	24.1	59.5	289	24.7	64.3	294	25.2						
130	55.9	283	23.8	57.9	286	24.4	62.7	292	24.8						
135	54.2	279	23.5	56.2	283	24.1	61.1	289	24.6						
140	52.4	275	23.2	54.4	279	23.8	59.5	286	24.5						
145	50.6	271	23.0	52.7	275	23.5	57.8	283	24.3						
150	48.8	267	22.7	50.9	271	23.3	56.1	280	23.9						
155	46.8	262	22.4	49.0	267	23.0	54.4	276	23.7						
160	44.9	257	22.1	47.1	262	22.8	52.6	272	23.4						
164										57.0	275	24.1			
165	42.8	252	21.9	45.1	257	22.6	50.8	268	23.2	57.0	275	21.9			
170	40.7	246	21.6	43.1	252	22.3	48.9	264	23.0	55.3	272	21.9			
175	38.4	240	21.4	40.9	247	22.1	47.0	259	22.8	53.6	268	21.8			
180	36.1	233	21.2	38.7	240	21.9	45.1	254	22.6	51.8	264	21.0			
185	33.6	226	20.5	36.4	234	21.8	43.0	249	22.4	50.0	260	20.2			
190	30.9	218	19.3	33.9	227	21.2	40.9	243	22.2	48.1	255	19.4			
195	27.9	209	18.1	31.2	218	20.5	38.6	237	21.3	46.1	251	18.6			
200	24.7	198	16.9	28.3	210	19.7	36.3	231	20.5	44.1	246	17.9			
205	21.0	186	15.7	25.1	199	19.0	33.8	223	19.8	42.0	240	17.2			
210				21.5	187	18.2	31.1	215	19.0	39.9	234	16.5			
215				17.1	173	17.5	28.2	206	18.3	37.6	228	15.9			
220							25.0	196	17.7	35.2	221	15.3			
225							21.4	184	17.0	32.6	213	14.7			
230										29.9	205	14.1			
235										26.8	195	13.6			
240										23.4	184	13.1			
245										19.5	171	12.6			
246													37.0	205	8.7
250													35.6	201	8.4
255													33.0	193	8.1
260														185	7.7
265														175	7.4
270														165	7.0
275														152	6.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 66 ft luffing jib 114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	158.8												
39				75.0	187	158.8									
40	68.4	185	158.8	74.1	187	158.8									
45	63.5	183	158.8	69.5	185	158.8									
50	58.4	180	150.0	64.7	183	146.2									
55	53.0	176	132.4	59.6	180	129.1									
60	47.2	172	118.4	54.3	177	115.5									
64							67.0	181	99.6						
65	40.7	166	107.0	48.6	172	104.4	65.8	180	97.3						
70	33.0	159	97.5	42.2	167	95.1	60.8	178	88.7						
75	23.2	149	83.1	34.9	160	87.2	55.6	174	81.4						
80				25.8	151	80.5	50.0	170	75.1						
85							43.8	165	69.7						
90							36.8	159	64.9						
93										57.0	168	56.8			
95										54.9	167	55.3			
100							28.2	151	60.7	49.2	163	51.9			
105										42.9	158	48.9			
110										35.8	151	46.1			
115										26.9	142	43.6			
143													37.0	129	26.8
145													35.4	127	26.6
150													26.4	118	25.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	158.8												
40	71.3	196	158.7												
42				75.0	197	158.8									
45	67.2	194	156.9	72.3	196	158.8									
50	63.0	192	149.8	68.2	194	146.0									
55	58.6	189	132.3	64.0	192	128.9									
60	53.9	185	118.3	59.6	189	115.3									
65	49.0	181	106.9	55.0	185	104.2									
68							67.0	190	92.2						
70	43.5	176	97.4	50.1	181	94.9	65.0	189	88.3						
75	37.5	169	89.4	44.8	176	87.1	60.7	186	81.0						
80	30.4	162	82.5	39.0	170	80.4	56.1	183	74.8						
85	21.1	150	74.2	32.2	163	74.6	51.3	179	69.4						
90				23.6	153	69.4	46.1	174	64.7						
95							40.4	169	60.5						
98										57.0	177	52.6			
100							33.9	162	56.8	55.5	175	51.5			
105							25.8	152	53.4	50.7	171	48.5			
110										45.4	167	45.8			
115										39.6	161	43.3			
120										32.9	154	41.0			
125										24.6	144	38.9			
151													37.0	135	24.6
155													32.6	130	23.9
160													24.1	120	22.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	141.8												
44				75.0	206	141.5									
45	70.0	205	139.8	74.4	206	141.5									
50	66.4	203	136.5	70.8	205	140.9									
55	62.6	200	132.1	67.2	202	128.6									
60	58.7	197	118.1	63.5	200	115.0									
65	54.6	194	106.7	59.6	197	103.9									
70	50.3	189	97.3	55.6	194	94.7									
72							67.0	199	85.6						
75	45.6	185	89.3	51.3	190	86.9	64.4	197	80.6						
80	40.6	179	82.4	46.7	185	80.2	60.5	195	74.4						
85	34.9	172	76.4	41.8	180	74.4	56.5	191	69.1						
90	28.2	164	71.2	36.3	173	69.3	52.3	188	64.4						
95	19.4	152	59.6	29.9	165	63.7	47.8	183	60.2						
100				21.8	154	60.8	43.0	178	56.5						
104										57.0	185	48.8			
105							37.7	172	53.2	56.0	184	48.1			
110							31.5	164	50.2	51.8	180	45.4			
115							23.9	154	47.4	47.2	176	42.9			
120										42.3	170	40.7			
125										36.9	164	38.6			
130										30.6	156	36.7			
135										22.7	145	35.0			
159													37.0	141	22.6
160													36.6	140	22.5
165													30.3	132	21.5
170													22.3	121	20.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 95 ft luffing jib 114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	125.3												
47				75.0	216	125.7									
50	69.0	213	123.4	72.9	215	125.6									
55	65.7	211	119.4	69.7	213	124.0									
60	62.3	208	116.2	66.4	211	114.9									
65	58.8	205	106.6	63.1	208	103.8									
70	55.1	202	97.2	59.6	206	94.6									
75	51.3	198	89.2	56.0	202	86.8									
75							67.0	208	80.0						
80	47.2	194	82.3	52.2	199	80.1	63.9	206	74.2						
85	42.9	188	76.4	48.2	194	74.3	60.4	203	68.9						
90	38.1	182	71.2	43.9	189	69.3	56.8	200	64.2						
95	32.8	175	66.5	39.3	183	64.8	53.1	196	60.0						
100	26.4	166	59.0	34.1	176	60.8	49.2	192	56.3						
105				28.0	167	57.2	45.0	187	53.0						
109										57.0	193	45.6			
110				20.2	156	53.9	40.4	182	50.0	56.4	192	45.1			
115							35.4	175	47.3	52.6	189	42.7			
120							29.5	167	44.9	48.6	184	40.5			
125							22.3	156	42.6	44.4	179	38.4			
130										39.8	174	36.6			
135										34.6	167	34.8			
140										28.7	158	33.2			
145										23.1	150	31.8			
166													37.0	146	20.9
170													34.4	143	20.5
175													28.4	134	19.6
180													20.7	123	18.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.9												
49				75.0	226	110.4									
50	71.0	224	109.4	74.6	225	110.4									
55	68.1	222	107.0	71.7	224	110.2									
60	65.1	220	103.1	68.8	220	107.5									
65	62.0	217	100.3	65.8	220	103.5									
70	58.8	214	94.4	62.7	217	94.3									
75	55.5	211	88.9	59.6	214	86.5									
79							67.0	217	74.8						
80	52.1	207	82.1	56.3	211	79.8	66.5	217	73.8						
85	48.5	202	76.2	52.9	207	74.1	63.5	214	68.5						
90	44.7	198	71.0	49.4	203	69.0	60.3	212	63.8						
95	40.5	192	66.4	45.6	198	64.5	57.1	208	59.7						
100	36.0	185	62.3	41.5	193	60.6	53.7	205	56.0						
105	30.9	177	58.6	37.1	186	57.0	50.2	201	52.7						
110	24.8	167	53.6	32.2	179	53.8	46.5	196	49.7						
115										57.0	201	42.5			
115				26.4	169	50.9	42.5	191	47.0	56.7	201	42.3			
120				18.9	157	48.2	38.2	185	44.6	53.3	197	40.1			
125							33.4	177	42.4	49.7	193	38.0			
130							27.8	169	40.3	46.0	188	36.2			
135							20.9	157	38.3	42.0	183	34.5			
140										38.7	178	33.0			
145										33.9	171	31.5			
150										28.4	163	30.1			
155										21.7	151	28.8			
174													37.0	152	19.3
175													37.0	152	19.2
180													32.5	145	18.4
185													26.7	136	17.7
190													19.4	124	17.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	98.7												
52				75.0	235	98.8									
55	70.1	232	97.2	73.3	234	98.7									
60	67.4	230	93.9	70.7	230	97.8									
65	64.6	228	91.1	68.0	230	94.8									
70	61.8	225	89.1	65.3	228	92.1									
75	58.9	222	86.2	62.5	225	86.2									
80	55.9	219	81.8	59.6	223	79.5									
83							67.0	226	70.1						
85	52.8	215	75.9	56.6	219	73.8	65.9	225	68.1						
90	49.5	211	70.7	53.5	216	68.7	63.1	223	63.4						
95	46.1	206	66.2	50.3	212	64.3	60.3	220	59.3						
100	42.5	201	61.0	46.9	207	60.3	57.3	217	55.6						
105	38.5	195	58.4	43.3	202	56.8	54.2	213	52.3						
110	34.2	188	55.1	39.5	196	53.6	51.1	209	49.4						
115	29.3	180	52.2	35.2	189	50.7	47.7	205	46.7						
120										57.0	210	39.7			
120	23.5	169	48.1	30.5	181	48.0	44.2	200	44.3	56.9	209	39.6			
125				24.9	171	45.6	40.4	194	42.0	53.8	206	37.6			
130				17.7	158	43.4	36.3	188	40.0	50.6	202	35.8			
135							31.7	180	38.1	47.3	197	34.1			
140							26.4	171	36.3	44.6	193	32.6			
145							21.4	161	33.0	40.8	188	31.1			
150										36.7	181	29.7			
155										32.2	174	28.5			
160										26.9	165	27.3			
165										20.5	153	26.1			
182													37.0	158	17.5
185													35.5	156	17.3
190													30.8	148	16.6
195													25.3	138	15.9
200													18.2	125	15.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	86.6									
55	71.7	243	86.0	74.7	244	86.6									
60	69.3	241	84.7	72.3	243	86.5									
65	66.8	239	82.5	69.8	241	85.1									
70	64.2	237	80.5	67.3	239	83.4									
75	61.6	234	79.1	64.8	237	81.2									
80	58.9	231	77.0	62.2	234	79.3									
85	56.2	228	75.1	59.6	231	73.6									
87							67.0	235	66.0						
90	53.3	224	70.6	56.8	228	68.5	65.4	234	63.1						
95	50.4	220	66.0	54.0	224	64.1	62.8	231	59.0						
100	47.3	215	61.9	51.1	220	60.1	60.2	229	55.4						
105	44.0	210	58.3	48.0	216	56.6	57.5	225	52.1						
110	40.5	205	55.0	44.8	211	53.4	54.7	222	49.1						
115	36.8	198	52.0	41.3	205	50.5	51.8	218	46.5						
120	32.6	191	49.3	37.7	199	47.9	48.7	214	44.1						
125	27.9	182	46.4	33.6	192	45.5	45.5	209	41.8						
125										57.0	218	37.3			
130	22.3	171	42.5	29.1	183	43.3	42.2	204	39.8	54.3	214	35.5			
135				23.7	173	41.2	38.5	198	37.9	51.4	211	33.8			
140				18.6	162	30.3	34.6	191	36.2	49.1	207	32.3			
145							30.2	182	34.6	45.9	202	30.9			
150							26.3	175	32.9	42.5	197	29.5			
155							20.3	163	31.7	38.9	191	28.3			
160										35.0	184	27.1			
165										30.7	176	26.0			
170										25.6	166	24.9			
175										19.4	154	23.9			
190													37.0	164	16.2
195													33.9	159	15.7
200													29.3	150	15.1
205													24.0	140	14.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.8	73.6	253	76.7									
65	68.6	250	74.4	71.4	251	76.3									
70	66.2	247	72.6	69.1	250	74.8									
75	63.9	245	71.0	66.8	247	73.2									
80	61.5	242	69.9	64.4	245	71.6									
85	59.0	239	68.1	62.0	242	70.3									
90	56.4	236	66.5	59.6	240	68.2									
91							67.0	244	62.1						
95	53.8	233	62.5	57.0	236	63.8	65.0	242	58.6						
100	51.1	229	61.7	54.4	233	59.8	62.6	240	55.0						
105	48.3	224	58.0	51.7	229	56.3	60.1	237	51.7						
110	45.3	219	54.8	48.9	225	53.1	57.6	234	48.8						
115	42.1	214	51.8	46.0	220	50.2	55.0	231	46.1						
120	38.8	208	49.1	42.9	215	47.6	52.4	227	43.7						
125	35.2	201	46.6	39.6	209	45.2	49.6	223	41.5						
130	31.2	193	44.2	36.1	202	43.0	46.7	218	39.5						
131										57.0	226	34.9			
135	26.7	184	41.1	32.2	194	41.0	43.6	213	37.6	54.7	223	33.4			
140	21.2	172	38.0	27.8	185	39.1	40.4	207	35.9	52.6	220	31.9			
145				22.6	174	37.4	36.9	201	34.3	49.9	216	30.5			
150				17.6	163	27.4	34.0	195	32.8	47.0	211	29.1			
155							29.9	187	31.4	44.0	206	27.9			
160							25.1	177	30.1	40.7	201	26.7			
165							19.3	164	28.9	37.3	194	25.6			
170										33.5	187	24.6			
175										29.3	178	23.6			
180										24.5	168	22.6			
185										18.4	155	21.7			
198													37.0	170	14.8
200													36.3	169	14.7
205													32.4	161	14.1
210													28.0	152	13.6
215													22.9	141	13.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	66.9									
70	68.0	258	63.1	70.6	260	65.9									
75	65.8	256	61.7	68.5	258	63.1									
80	63.6	254	60.5	66.3	256	61.7									
85	61.3	251	59.6	64.1	254	60.5									
90	59.0	248	58.2	61.8	251	59.5									
95							67.0	254	58.6						
95	56.6	245	57.0	59.5	248	58.3	66.8	253	58.2						
100	54.2	241	55.9	57.2	245	57.2	64.6	251	54.6						
105	51.7	237	55.0	54.8	241	56.0	62.4	248	51.3						
110	49.1	233	53.2	52.3	238	52.8	60.1	246	48.4						
115	46.4	228	50.3	49.7	233	50.0	57.8	242	45.7						
120	43.5	223	47.7	47.0	229	47.3	55.4	239	43.3						
125	40.5	217	45.2	44.2	224	44.9	52.9	235	41.1						
130	37.3	211	43.1	41.2	218	42.8	50.3	231	39.1						
135	33.8	204	41.0	38.0	212	40.7	47.6	227	37.2						
136										57.0	234	32.4			
140	29.9	195	38.5	34.6	205	38.9	44.9	222	35.5	55.6	232	31.5			
145	25.5	186	36.1	30.9	197	37.1	41.9	216	33.9	53.1	229	30.1			
150	20.3	173	33.7	26.6	187	35.5	39.5	212	32.5	50.6	225	28.7			
155				21.6	176	34.0	36.3	205	31.1	47.9	220	27.5			
160				16.7	164	24.3	32.7	198	29.8	45.2	215	26.3			
165							28.7	189	28.6	42.2	210	25.2			
170							24.1	178	27.4	39.1	204	24.2			
175							18.4	165	26.3	35.8	197	23.2			
180										32.2	190	22.3			
185										28.1	181	21.4			
190										23.4	170	20.6			
206													37.0	176	13.5
210													34.8	172	13.1
215													31.1	164	12.6
220													26.9	154	12.1
225													21.9	143	11.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.9	69.9	269	56.8									
80	65.4	265	55.0	67.9	267	56.2									
85	63.3	262	54.2	65.9	264	55.3									
90	61.2	259	53.5	63.8	262	54.4									
95	59.0	256	52.5	61.7	259	53.8									
98							67.0	263	53.5						
100	56.8	253	51.6	59.5	256	52.9	66.3	262	53.5						
105	54.6	250	50.8	57.3	253	52.1	64.3	260	51.1						
110	52.2	246	50.1	55.1	250	51.3	62.2	257	48.1						
115	49.8	242	49.1	52.8	246	49.7	60.1	254	45.5						
120	47.3	237	47.2	50.4	242	47.1	57.9	251	43.1						
125	44.7	232	45.4	47.9	238	44.7	55.6	248	40.9						
130	41.9	227	43.7	45.3	233	42.5	53.3	244	38.8						
135	39.0	221	41.9	42.6	227	40.5	50.9	240	37.0						
140	35.9	214	39.9	39.7	221	38.7	48.5	236	35.3						
141										57.0	243	30.5			
145	32.5	206	38.2	36.6	215	36.9	45.9	231	33.7	55.9	241	29.8			
150	28.8	198	36.2	33.3	208	35.3	43.9	227	32.3	53.6	237	28.4			
155	24.5	187	33.7	29.7	199	33.8	41.1	221	30.9	51.2	233	27.2			
160	20.7	178	21.4	26.6	192	24.4	38.1	215	29.6	48.7	229	26.0			
165				21.9	180	23.5	34.9	208	28.4	46.2	224	25.0			
170				15.9	165	22.6	31.4	200	27.2	43.5	219	23.9			
175							27.6	191	26.2	40.7	213	23.0			
180							23.1	180	25.1	37.7	207	22.1			
185										34.5	200	21.2			
190										31.0	192	20.4			
195										27.0	183	19.6			
200										22.4	171	18.9			
214													37.0	182	12.4
215													36.8	182	12.4
220													33.5	174	11.9
225													29.9	166	11.4
230													25.8	156	10.9
235													21.0	144	10.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	49.7									
85	65.0	273	48.4	67.4	275	49.4									
90	63.1	271	47.9	65.5	273	48.9									
95	61.1	268	47.5	63.5	271	48.5									
100	59.1	265	46.8	61.6	268	48.2									
102							67.0	272	47.1						
105	57.0	262	46.1	59.5	265	47.5	65.9	270	47.1						
110	54.9	258	45.6	57.5	262	46.9	64.0	268	47.1						
115	52.7	254	45.1	55.4	258	46.4	62.0	265	45.1						
120	50.4	250	44.6	53.2	255	46.0	60.0	263	42.7						
125	48.1	246	43.6	50.9	251	44.4	58.0	259	40.5						
130	45.7	241	42.5	48.6	246	42.2	55.9	256	38.5						
135	43.1	236	41.5	46.2	242	40.2	53.7	252	36.6						
140	40.5	230	39.7	43.7	236	38.4	51.5	249	34.9						
145	37.7	224	37.9	41.1	231	36.6	49.2	244	33.3						
147										57.0	251	28.6			
150	34.6	217	36.2	38.3	225	35.0	47.4	241	31.9	56.1	249	28.0			
155	31.4	209	34.7	35.4	218	33.6	44.9	236	30.5	53.9	246	26.8			
160	27.7	200	33.3	32.9	212	24.8	42.4	230	29.3	51.7	242	25.6			
165	24.6	192	20.3	29.5	204	23.9	39.6	225	28.0	49.4	238	24.6			
170	19.9	179	19.7	25.6	194	22.9	36.8	218	26.9	47.1	233	23.5			
175				21.1	182	22.0	33.7	211	25.8	44.6	228	22.6			
180							30.3	202	24.8	42.0	223	21.7			
185							26.6	193	23.9	39.3	217	20.8			
190							22.2	182	23.0	36.4	210	20.0			
195										33.3	203	19.3			
200										29.9	194	18.5			
205										26.0	185	17.8			
210										21.6	173	17.1			
221													37.0	188	11.2
225													35.5	185	11.0
230													32.3	177	10.5
235													28.8	168	10.1
240													24.9	158	9.7
245													20.2	145	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	43.3									
95	62.9	279	42.0	65.2	282	42.8									
100	61.0	276	41.5	63.3	279	42.4									
105	59.1	273	40.9	61.4	276	42.1									
106							67.0	281	41.5						
110	57.1	270	40.3	59.5	273	41.5	65.6	279	41.5						
115	55.1	267	39.8	57.6	270	40.9	63.7	277	41.4						
120	53.1	263	39.4	55.6	267	40.4	61.9	274	41.1						
125	51.0	259	39.0	53.6	263	40.0	60.0	271	40.1						
130	48.8	255	38.4	51.5	259	39.6	58.0	268	38.1						
135	46.5	250	37.7	49.3	255	39.0	56.1	265	36.3						
140	44.2	245	37.0	47.1	250	38.1	54.0	261	34.5						
145	41.7	239	36.4	44.7	246	36.3	52.5	258	33.0						
150	39.2	233	35.8	42.3	240	34.8	50.3	254	31.6						
152										57.0	259	26.8			
155	36.4	227	34.4	39.8	234	33.3	48.1	250	30.2	56.3	258	26.4			
160	34.2	221	22.1	37.7	229	26.4	45.8	245	28.9	54.3	254	25.2			
165	31.1	213	21.2	34.9	222	25.5	43.5	240	27.7	52.2	250	24.1			
170	27.7	204	20.2	31.8	215	24.2	41.0	234	26.6	50.0	246	23.1			
175	23.8	193	19.3	28.5	206	22.9	38.4	228	25.5	47.8	242	22.2			
180	19.1	180	18.3	24.7	195	21.7	35.6	221	24.5	45.5	237	21.3			
185				20.3	183	20.4	32.6	213	23.6	43.1	232	20.4			
190							29.3	205	22.7	40.6	226	19.6			
195							25.6	195	21.8	38.0	220	18.9			
200							21.4	183	21.0	35.2	213	18.2			
205										32.2	205	17.5			
210										28.9	196	16.8			
215										25.1	186	16.2			
220										20.8	174	15.6			
229													37.0	194	10.1
230													37.0	194	10.1
235													34.4	187	9.7
240													31.3	179	9.3
245													27.9	170	8.9
250													24.0	160	8.5
255													19.4	147	8.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	36.7									
105	60.9	285	35.6	63.1	288	36.4									
110							67.0	290	35.9						
110	59.1	282	35.0	61.3	285	36.0	67.0	290	35.9						
115	57.3	279	34.6	59.5	282	35.5	65.3	287	35.9						
120	55.4	275	34.1	57.7	279	34.9	63.5	285	35.8						
125	53.4	272	33.7	55.8	275	34.5	61.8	282	35.4						
130	51.5	268	33.4	53.9	272	34.1	60.0	279	34.9						
135	49.9	264	29.1	51.9	268	33.7	58.1	276	34.5						
140	47.8	260	27.9	49.9	264	33.4	56.3	273	34.1						
145	45.6	255	26.8	48.3	260	29.3	54.8	270	31.5						
150	43.4	250	25.7	46.1	256	28.6	52.8	267	31.1						
155	41.0	244	24.7	43.9	251	27.9	50.8	263	29.9						
157										57.0	267	25.3			
160	38.6	238	23.8	41.6	245	27.3	48.8	258	28.6	56.5	266	24.9			
165	35.9	231	23.0	39.1	239	26.7	46.7	254	27.4	54.5	263	23.9			
170	33.1	224	21.9	36.6	232	26.2	44.4	249	26.3	52.6	259	22.9			
175	30.1	216	20.6	33.8	225	25.0	42.1	243	25.3	50.6	255	21.9			
180	26.8	206	19.4	30.8	217	23.4	39.7	237	24.3	48.5	251	21.0			
185	23.0	195	18.1	27.6	208	21.8	37.2	231	23.3	46.4	246	20.2			
190	18.4	181	16.8	23.9	197	20.2	34.5	224	22.4	44.1	241	19.4			
195				19.5	184	18.6	31.6	216	21.6	41.8	235	18.6			
200							28.4	207	20.8	39.4	229	17.9			
205							24.8	197	20.0	36.8	223	17.2			
210							20.6	184	19.3	34.1	216	16.6			
215										31.2	208	15.9			
220										27.9	199	15.3			
225										24.3	188	14.8			
230										20.0	175	14.2			
237													37.0	200	9.1
240													36.1	197	9.0
245													33.3	190	8.6
250													30.3	182	8.3
255													27.0	172	7.9
260													23.2	161	7.6
265													18.7	148	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	29.0						
115	59.5	291	28.2	61.6	294	29.0	67.0	299	29.0						
120	57.8	288	27.7	59.9	291	28.5	65.4	297	29.0						
125	56.0	285	27.2	58.2	288	28.0	63.7	294	29.0						
130	54.2	281	26.8	56.4	285	27.6	62.0	291	28.7						
135	52.3	277	26.5	54.6	281	27.2	60.3	289	28.4						
140	50.4	273	26.1	52.8	277	26.9	58.6	286	28.3						
145	48.4	269	25.3	50.9	273	26.6	56.8	282	27.9						
150	46.4	264	24.6	48.9	269	26.0	55.0	279	27.5						
155	44.3	259	23.9	46.9	264	25.5	53.2	275	27.2						
160	42.1	253	23.3	44.8	260	24.9	51.3	271	26.9						
163										57.0	276	23.7			
165	39.8	248	22.7	42.6	254	24.5	49.4	267	26.6	56.6	275	23.4			
170	37.4	241	22.1	40.4	248	24.0	47.4	262	26.0	54.8	271	22.4			
175	34.9	234	21.6	38.0	242	23.6	45.3	258	24.9	53.0	268	21.5			
180	32.2	226	20.4	35.5	235	23.2	43.2	252	23.9	51.1	264	20.6			
185	29.2	218	19.3	32.8	228	22.1	40.9	247	23.0	49.1	259	19.8			
190	25.9	208	18.1	29.9	219	21.0	38.6	241	22.1	47.1	255	19.0			
195	22.2	196	17.0	26.7	210	20.0	36.1	234	21.3	45.0	250	18.2			
200	17.7	182	15.8	23.1	199	18.9	33.5	226	20.5	42.9	245	17.5			
205				18.9	185	17.8	30.6	218	19.7	40.6	239	16.8			
210							27.5	209	19.0	38.3	233	16.2			
215							24.0	198	18.3	35.8	226	15.6			
220							20.0	186	17.6	33.1	218	15.0			
225										30.2	210	14.4			
230										27.1	201	13.9			
235										23.5	190	13.3			
240										19.4	177	12.8			
245													37.0	206	8.1
250													35.0	200	7.8
255													32.3	193	7.5
260													29.4	184	7.2
265													26.1	174	6.8
270													22.4	163	6.5
275													18.0	149	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118							67.0	308	24.7						
120	59.5	299	24.4	61.5	302	24.9	66.6	307	24.7						
125	57.9	296	24.0	59.9	300	24.5	65.1	305	24.7						
130	56.2	293	23.7	58.3	296	24.2	63.5	303	24.6						
135	54.5	289	23.4	56.6	293	23.9	61.9	300	24.4						
140	52.7	286	23.1	54.9	290	23.6	60.3	297	24.2						
145	50.9	282	22.9	53.1	286	23.3	58.6	294	24.1						
150	49.0	277	22.5	51.3	282	23.1	57.0	291	23.8						
155	47.1	273	22.2	49.5	278	22.7	55.3	287	23.5						
160	45.1	268	21.8	47.6	273	22.3	53.5	284	23.2						
165	43.1	263	21.5	45.6	268	21.9	51.7	280	23.0						
168										57.0	284	21.9			
170	41.0	257	21.2	43.6	263	21.5	49.9	276	22.9	56.7	283	21.9			
175	38.7	251	20.9	41.5	258	21.2	48.0	271	22.6	55.0	280	21.1			
180	36.4	244	20.6	39.3	252	20.9	46.1	266	22.4	53.3	276	20.2			
185	33.9	237	20.1	36.9	245	20.6	44.1	261	22.2	51.5	272	19.4			
190	31.3	229	19.1	34.5	238	20.2	42.0	256	21.8	49.7	268	18.6			
195	28.4	220	18.0	31.9	230	19.6	39.8	250	20.9	47.8	264	17.8			
200	25.2	210	16.9	29.1	222	19.0	37.5	244	20.1	45.8	259	17.1			
205	21.5	198	15.9	25.9	212	18.3	35.1	237	19.4	43.8	254	16.5			
210				22.4	200	17.7	32.5	229	18.6	41.7	248	15.8			
215				18.2	186	17.1	29.7	221	17.9	39.5	242	15.2			
220							26.7	211	17.3	37.2	236	14.6			
225							23.3	200	16.7	34.8	229	14.1			
230							19.3	187	16.0	32.2	221	13.5			
235										29.4	212	13.0			
240										26.3	203	12.5			
245										22.8	191	12.0			
250										18.7	178	11.6			
253													37.0	212	7.1
255													36.5	210	7.1
260													34.1	203	6.7
265													31.4	195	6.4
270													28.5	186	6.1
275													25.4	176	5.8
280													21.7	164	5.5
285													17.4	150	5.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

123

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft luffing jib 123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	158.8												
40	69.0	195	158.8												
40				75.0	196	158.8									
45	64.1	192	158.0	70.5	195	158.8									
50	59.1	189	149.7	65.7	192	145.6									
55	53.7	186	132.2	60.8	190	128.6									
60	47.9	181	118.2	55.5	186	115.1									
65	41.5	176	106.8	49.9	182	104.0									
66							67.0	190	94.3						
70	34.1	169	97.3	43.7	177	94.7	63.2	188	87.7						
75	24.6	159	85.0	36.6	171	86.9	58.0	185	80.5						
80				28.0	162	80.2	52.6	181	74.3						
85				18.9	153	33.0	46.7	176	69.0						
90							40.1	171	64.3						
95							32.4	163	60.1						
97										57.0	176	53.0			
100							22.2	153	56.3	53.5	174	50.9			
105										47.7	170	47.9			
110										41.2	164	45.2			
115										33.7	157	42.7			
120										24.1	147	40.5			
149													37.0	135	24.5
150													37.0	135	24.3
155													28.9	127	23.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	155.6												
40	71.8	205	153.5												
43				75.0	206	154.4									
45	67.8	203	150.9	73.1	205	154.3									
50	63.5	201	146.4	69.1	203	145.4									
55	59.1	198	132.1	64.9	201	128.4									
60	54.5	194	118.1	60.6	198	114.8									
65	49.6	190	106.7	56.0	195	103.8									
70							67.0	199	87.5						
70	44.2	185	97.2	51.2	191	94.6	66.9	199	87.3						
75	38.3	179	89.2	46.0	186	86.8	62.7	196	80.2						
80	31.4	172	82.3	40.3	181	80.1	58.2	193	74.0						
85	22.5	161	75.4	33.7	174	74.3	53.6	189	68.7						
90				25.7	164	69.2	48.6	185	64.0						
95				17.0	153	33.0	43.1	180	59.9						
100							37.0	174	56.2						
102										57.0	185	49.2			
105										54.3	183	47.5			
110							29.8	166	52.8	49.4	178	44.8			
115							20.2	154	49.8	44.0	173	42.4			
120										38.0	167	40.2			
125										31.1	160	38.2			
130										22.0	149	36.2			
157													37.0	141	22.2
160													34.4	138	21.9
165													26.5	129	20.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft luffing jib 123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	137.5												
45	70.5	214	135.7												
45				75.0	215	137.1									
50	66.8	212	133.5	71.6	214	136.9									
55	63.1	209	130.9	68.0	212	128.1									
60	59.2	206	117.9	64.3	209	114.6									
65	55.1	203	106.5	60.5	207	103.5									
70	50.8	199	97.1	56.4	203	94.3									
74							67.0	208	81.4						
75	46.2	194	89.1	52.2	200	86.5	66.1	207	79.8						
80	41.2	189	82.2	47.8	195	79.9	62.3	205	73.6						
85	35.7	182	76.3	42.9	190	74.1	58.4	202	68.3						
90	29.1	174	71.0	37.5	184	69.1	54.3	198	63.6						
95	20.7	162	60.2	31.4	176	64.3	49.9	194	59.5						
100				23.8	166	60.6	45.3	189	55.9						
105							40.2	183	52.6						
108										57.0	193	45.7			
110							34.5	177	49.6	54.9	191	44.4			
115							27.7	168	46.9	50.6	187	42.0			
120							18.5	155	44.4	46.0	182	39.8			
125										41.0	177	37.8			
130										35.4	170	36.0			
135										28.8	162	34.2			
140										22.6	153	32.7			
165													37.0	147	20.5
165													37.0	147	20.4
170													32.0	141	19.7
175													24.6	131	18.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom                      95 ft luffing jib                      123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	120.4												
48				75.0	225	120.4									
50	69.4	222	118.9	73.6	224	120.3									
55	66.1	220	115.8	70.4	222	119.5									
60	62.7	218	113.1	67.1	220	114.4									
65	59.2	215	106.4	63.8	218	103.4									
70	55.6	211	97.0	60.4	215	94.2									
75	51.8	207	89.0	56.8	212	86.4									
78							67.0	217	76.2						
80	47.8	203	82.1	53.0	208	79.8	65.4	216	73.4						
85	43.4	198	76.2	49.1	204	74.0	62.0	213	68.1						
90	38.7	192	71.0	44.9	199	69.0	58.5	210	63.4						
95	33.5	185	66.4	40.3	193	64.5	54.8	207	59.3						
100	27.3	176	59.6	35.2	187	60.5	51.0	203	55.7						
105				29.4	178	57.0	46.9	198	52.4						
110				22.1	167	53.7	42.5	193	49.5						
113										57.0	201	42.8			
115							37.7	187	46.8	55.4	200	41.8			
120							32.3	179	44.4	51.6	196	39.6			
125							25.9	170	42.1	47.6	191	37.6			
130							19.5	160	33.0	43.3	186	35.8			
135										38.5	180	34.1			
140										34.5	175	32.6			
145										28.6	166	31.1			
150										21.0	155	29.7			
173													37.0	153	18.8
175													35.8	151	18.7
180													30.0	143	17.9
185													22.9	132	17.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	106.9												
50				75.0	234	107.2									
55	68.5	231	105.1	72.3	233	107.2									
60	65.5	229	101.6	69.4	231	105.6									
65	62.4	226	98.8	66.4	229	103.0									
70	59.2	223	94.6	63.4	226	93.9									
75	56.0	220	88.8	60.3	224	86.1									
80	52.5	216	81.9	57.0	220	79.5									
82							67.0	226	71.4						
85	49.0	212	76.0	53.7	217	73.7	64.9	224	67.7						
90	45.2	207	70.8	50.1	213	68.7	61.8	222	63.0						
95	41.1	201	66.2	46.4	208	64.3	58.6	219	59.0						
100	36.6	195	60.9	42.4	203	60.3	55.3	215	55.3						
105	31.6	187	57.8	38.1	197	56.8	51.8	211	52.1						
110	25.7	178	53.3	33.3	189	53.6	48.2	207	49.1						
115				27.7	180	50.7	44.4	202	46.5						
118										57.0	209	39.9			
120				20.7	169	48.0	40.2	196	44.1	55.8	208	39.2			
125							35.7	190	41.9	52.4	204	37.2			
130							30.5	181	39.8	48.8	200	35.4			
135							24.3	171	37.9	45.0	195	33.7			
140							18.2	161	33.0	41.9	191	32.2			
145										37.5	185	30.8			
150										32.6	177	29.4			
155										26.9	168	28.1			
160										19.7	156	26.9			
181													37.0	159	17.2
185													33.8	154	16.8
190													28.3	145	16.1
195													21.5	134	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	94.5									
55	70.4	242	93.4	73.9	243	94.5									
60	67.7	240	91.4	71.3	241	94.1									
65	65.0	237	88.8	68.6	240	92.2									
70	62.1	235	86.8	65.9	237	89.9									
75	59.3	232	84.5	63.1	235	85.8									
80	56.3	228	81.7	60.2	232	79.2									
85	53.2	225	75.8	57.2	229	73.4									
85							67.0	235	67.0						
90	49.9	221	70.6	54.2	225	68.4	64.4	233	62.6						
95	46.5	216	66.0	51.0	221	64.0	61.6	230	58.6						
100	42.9	211	59.6	47.7	217	60.0	58.7	227	54.9						
105	39.0	205	57.3	44.1	212	56.5	55.7	224	51.7						
110	34.8	198	55.0	40.3	206	53.3	52.5	220	48.8						
115	30.0	190	51.3	36.2	200	50.5	49.3	216	46.1						
120	24.3	179	47.4	31.6	192	47.8	45.8	211	43.7						
124										57.0	218	37.3			
125				26.2	182	45.4	42.2	206	41.5	56.1	217	36.7			
130				19.5	170	43.2	38.2	199	39.5	53.0	213	34.9			
135							33.9	192	37.6	49.8	209	33.3			
140							28.9	184	35.9	47.2	205	31.8			
145							23.0	173	34.3	43.6	200	30.4			
150							17.1	162	32.8	39.8	194	29.0			
155										35.6	188	27.8			
160										30.9	180	26.6			
165										25.5	170	25.5			
170										18.5	157	24.5			
188													37.0	165	15.7
190													36.6	164	15.7
195													32.0	156	15.1
200													26.8	147	14.5
205													20.3	135	13.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
				75.0	253	84.4									
60	69.6	250	83.2	72.8	252	84.4									
65	67.1	248	81.4	70.4	250	83.7									
70	64.5	246	79.5	67.9	248	82.3									
75	61.9	243	78.0	65.4	246	80.3									
80	59.3	240	76.1	62.8	243	78.7									
85	56.5	237	74.3	60.1	240	73.2									
89							67.0	244	63.1						
90	53.7	233	70.4	57.4	237	68.2	66.6	244	62.4						
95	50.7	229	65.8	54.6	234	63.8	64.0	241	58.3						
100	47.7	225	61.0	51.7	230	59.8	61.4	239	54.7						
105	44.4	220	57.6	48.7	226	56.3	58.7	236	51.5						
110	41.0	214	54.4	45.5	221	53.2	56.0	232	48.5						
115	37.2	208	51.7	42.1	215	50.3	53.1	228	45.9						
120	33.1	200	48.9	38.5	209	47.7	50.1	224	43.5						
125	28.5	192	45.7	34.5	202	45.3	47.0	220	41.3						
129										57.0	226	35.0			
130	23.1	181	42.4	30.1	194	43.1	43.7	215	39.3	56.4	225	34.7			
135				25.0	184	41.0	40.2	209	37.4	54.2	222	33.0			
140				18.5	171	39.1	36.5	202	35.7	51.3	218	31.5			
145							32.3	195	34.1	48.3	214	30.1			
150							28.7	188	32.7	45.1	209	28.8			
155							23.3	177	31.3	41.6	204	27.6			
160										38.0	198	26.4			
165										34.0	190	25.3			
170										29.5	182	24.3			
175										24.2	172	23.3			
180										17.4	158	22.4			
196													37.0	171	14.5
200													34.9	167	14.2
205													30.5	159	13.7
210													25.5	149	13.1
215													19.2	136	12.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	74.1									
65	68.8	259	72.4	71.9	261	74.0									
70	66.5	257	70.7	69.6	259	72.7									
75	64.2	254	69.2	67.3	257	71.5									
80	61.8	252	68.0	64.9	254	69.8									
85	59.3	249	66.5	62.5	252	68.6									
90	56.7	245	62.2	60.1	249	67.3									
93							67.0	253	59.5						
95	54.1	242	60.7	57.6	246	63.5	66.1	252	57.9						
100	51.4	238	59.5	55.0	242	59.5	63.7	250	54.3						
105	48.6	234	56.9	52.3	239	56.0	61.3	247	51.1						
110	45.7	229	53.5	49.5	234	52.9	58.8	244	48.2						
115	42.5	223	50.4	46.6	230	50.0	56.2	241	45.5						
120	39.2	217	47.5	43.6	225	47.4	53.6	237	43.1						
125	35.7	211	45.1	40.3	219	45.0	50.9	233	41.0						
130	31.7	203	42.6	36.8	212	42.8	48.0	229	39.0						
134										57.0	234	32.8			
135	27.3	194	40.1	33.0	205	40.8	45.1	224	37.1	57.0	234	32.5			
140	22.0	182	37.6	28.8	196	38.9	41.9	218	35.4	54.6	231	31.1			
145				23.8	186	37.2	38.5	212	33.8	52.0	227	29.7			
150				17.5	172	35.5	35.8	207	32.4	49.2	223	28.4			
155							31.9	199	31.0	46.2	218	27.2			
160							27.4	190	29.7	43.2	213	26.0			
165							22.2	179	28.5	39.9	207	24.9			
170										36.4	201	23.9			
175										32.5	193	23.0			
180										28.2	184	22.1			
185										23.1	173	21.2			
190										16.5	159	20.4			
204													37.0	176	13.3
205													37.0	176	13.2
210													33.4	169	12.7
215													29.2	161	12.2
220													24.3	151	11.7
225													18.2	137	11.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	65.7									
70	68.2	267	62.0	71.0	269	63.0									
75	66.1	265	60.7	68.9	267	61.6									
80	63.8	263	59.5	66.8	265	60.4									
85	61.6	260	58.7	64.6	263	59.2									
90	59.3	257	57.4	62.3	260	58.3									
95	56.9	254	56.2	60.0	257	57.3									
97							67.0	262	56.1						
100	54.5	250	55.1	57.7	254	56.1	65.6	261	53.9						
105	52.0	247	54.2	55.3	251	55.1	63.4	258	50.7						
110	49.4	242	52.8	52.8	247	52.6	61.1	255	47.8						
115	46.7	238	49.7	50.3	243	49.7	58.8	252	45.1						
120	43.9	233	46.8	47.6	239	47.1	56.5	249	42.8						
125	40.9	227	44.2	44.8	234	44.7	54.0	246	40.6						
130	37.7	221	41.8	41.9	228	42.5	51.5	242	38.6						
135	34.2	214	39.6	38.7	222	40.5	48.9	237	36.7						
140										57.0	242	30.7			
140	30.4	205	37.7	35.4	215	38.7	46.2	233	35.0	57.0	242	30.4			
145	26.1	196	35.8	31.7	207	36.9	43.3	227	33.5	55.0	239	29.3			
150	21.0	184	33.8	27.6	198	35.3	41.0	223	32.1	52.5	236	28.0			
155				22.8	187	33.8	37.8	217	30.7	49.9	232	26.8			
160				18.2	177	22.8	34.4	210	29.4	47.2	227	25.6			
165							30.6	202	28.2	44.4	222	24.5			
170							26.3	192	27.1	41.5	216	23.5			
175							21.2	180	26.0	38.3	210	22.6			
180										34.9	203	21.7			
185										31.2	195	20.9			
190										27.0	186	20.0			
195										22.1	175	19.3			
200										15.6	159	18.5			
212													37.0	182	12.0
215													35.7	180	11.8
220													32.1	172	11.3
225													28.0	163	10.8
230													23.3	152	10.4
235													17.3	138	10.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	55.1									
80	65.6	274	53.5	68.3	276	54.4									
85	63.6	271	52.7	66.3	274	53.7									
90	61.5	269	52.1	64.2	271	52.9									
95	59.3	266	51.1	62.2	269	52.3									
100	57.1	262	50.2	60.0	266	51.6									
101							67.0	271	52.0						
105	54.8	259	49.3	57.8	263	50.7	65.2	269	50.4						
110	52.5	255	48.6	55.6	259	50.0	63.2	267	47.5						
115	50.1	251	47.9	53.3	256	49.4	61.0	264	44.9						
120	47.6	247	46.1	50.9	252	46.9	58.9	261	42.5						
125	45.0	242	44.4	48.4	247	44.5	56.7	258	40.3						
130	42.3	236	42.9	45.9	243	42.3	54.4	254	38.3						
135	39.4	230	41.4	43.2	237	40.3	52.0	250	36.5						
140	36.3	224	39.8	40.3	232	38.5	49.6	246	34.8						
145	33.0	216	38.1	37.3	225	36.7	47.1	242	33.2	57.0	251	28.7			
150	29.3	208	36.0	34.1	218	35.1	45.1	238	31.8	55.3	248	27.7			
155	25.1	198	33.6	30.5	210	33.6	42.4	232	30.5	53.0	244	26.5			
160	21.4	188	19.5	27.5	203	22.4	39.5	226	29.2	50.6	240	25.3			
165				23.0	192	21.7	36.4	220	28.0	48.1	236	24.3			
170				17.4	178	21.1	33.1	212	26.9	45.5	231	23.3			
175							29.4	204	25.8	42.8	226	22.3			
180							25.2	194	24.8	40.0	220	21.4			
185							20.3	181	23.8	36.9	213	20.6			
190										33.6	206	19.8			
195										30.0	198	19.1			
200										26.0	188	18.3			
205										21.1	176	17.6			
220													37.0	188	11.0
220													37.0	188	10.9
225													34.4	183	10.6
230													30.9	174	10.1
235													26.9	165	9.7
240													22.3	154	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	48.9									
85	65.3	282	47.6	67.8	285	48.7									
90	63.3	280	47.1	65.9	282	48.2									
95	61.3	277	46.6	64.0	280	47.8									
100	59.3	274	45.9	62.0	277	47.4									
105							67.0	280	46.3						
105	57.2	271	45.2	60.0	274	46.9	66.8	280	46.3						
110	55.1	267	44.5	57.9	271	46.3	64.9	278	46.3						
115	52.9	264	44.0	55.8	268	45.8	62.9	275	44.5						
120	50.7	260	43.5	53.7	264	45.3	60.9	272	42.1						
125	48.4	255	42.7	51.4	260	44.2	58.9	269	39.9						
130	46.0	251	41.9	49.1	256	42.0	56.8	266	37.9						
135	43.5	245	41.1	46.8	251	40.0	54.7	263	36.1						
140	40.8	240	39.6	44.3	246	38.2	52.5	259	34.4						
145	38.0	233	37.8	41.7	241	36.5	50.8	256	32.9						
150	35.0	226	36.2	38.9	235	34.9	48.5	251	31.5						
150										57.0	259	26.9			
155	31.8	219	34.6	36.0	228	33.4	46.1	247	30.1	55.5	257	26.0			
160	28.2	210	33.2	33.6	222	22.0	43.5	242	28.8	53.4	253	24.9			
165	25.2	202	18.5	30.3	214	21.5	40.9	236	27.6	51.1	249	23.9			
170	20.5	190	17.9	26.5	205	20.9	38.1	230	26.5	48.8	245	22.9			
175				22.1	193	20.3	35.1	223	25.5	46.4	240	21.9			
180				16.7	178	19.7	31.9	215	24.5	44.0	235	21.1			
185							28.3	206	23.5	41.3	229	20.2			
190							24.3	196	22.6	38.6	223	19.4			
195							19.5	183	21.8	35.6	216	18.7			
200										32.4	209	18.0			
205										28.9	200	17.3			
210										25.0	190	16.6			
215										20.3	177	16.0			
228													37.0	194	9.8
230													36.3	193	9.7
235													33.2	185	9.3
240													29.8	177	8.9
245													25.9	167	8.5
250													21.4	155	8.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	42.2									
95	63.1	288	40.8	65.5	291	41.7									
100	61.2	285	40.4	63.7	288	41.3									
105	59.3	283	39.7	61.8	286	41.0									
108							67.0	289	40.3						
110	57.4	279	39.2	59.9	283	40.4	66.4	289	40.3						
115	55.4	276	38.7	58.0	280	39.9	64.6	286	40.3						
120	53.3	272	38.2	56.0	276	39.4	62.7	284	40.1						
125	51.2	268	37.8	54.0	273	39.0	60.9	281	39.6						
130	49.1	264	37.3	51.9	269	38.6	58.9	278	37.6						
135	46.8	259	36.7	49.8	265	38.2	57.0	275	35.7						
140	44.5	254	36.2	47.6	260	37.6	55.0	271	34.1						
145	42.1	249	35.7	45.3	255	36.1	53.4	268	32.6						
150	39.5	243	35.2	42.9	250	34.6	51.3	264	31.1						
155	36.8	236	34.4	40.3	244	33.1	49.1	260	29.7						
156										57.0	267	25.2			
160	34.6	231	20.6	38.3	240	24.8	46.9	256	28.5	55.8	265	24.5			
165	31.5	223	19.7	35.5	233	23.7	44.6	251	27.3	53.7	261	23.4			
170	28.1	214	18.8	32.5	225	22.6	42.1	245	26.2	51.6	258	22.5			
175	24.3	204	17.9	29.2	216	21.4	39.6	239	25.1	49.5	253	21.5			
180	19.7	191	17.0	25.6	207	20.2	36.9	233	24.1	47.3	249	20.7			
185				21.3	195	19.1	34.0	225	23.2	44.9	244	19.8			
190				16.0	179	17.8	30.8	217	22.3	42.5	238	19.0			
195							27.4	208	21.5	40.0	233	18.3			
200							23.4	197	20.7	37.3	226	17.6			
205							18.7	184	19.9	34.5	219	16.9			
210										31.4	211	16.3			
215										28.0	202	15.7			
220										24.1	192	15.1			
225										19.5	179	14.5			
236													37.0	200	8.8
240													35.1	195	8.5
245													32.1	188	8.1
250													28.8	179	7.8
255													25.0	169	7.4
260													20.6	156	7.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	36.4									
105	61.1	294	35.3	63.5	297	36.0									
110	59.3	291	34.8	61.7	294	35.7									
112							67.0	298	35.4						
115	57.5	288	34.3	59.9	291	35.2	66.1	297	35.4						
120	55.6	284	33.9	58.1	288	34.7	64.3	295	35.4						
125	53.7	281	33.5	56.2	285	34.2	62.6	292	35.2						
130	51.7	277	33.2	54.3	281	33.8	60.8	289	34.6						
135	50.1	274	28.2	52.3	278	33.5	59.0	286	34.2						
140	48.1	269	27.0	50.3	273	33.2	57.1	283	33.8						
145	45.9	265	25.8	48.7	270	28.8	55.7	281	31.3						
150	43.7	259	24.7	46.6	265	28.0	53.7	277	30.8						
155	41.3	254	23.7	44.4	260	27.3	51.8	273	29.5						
160	38.9	248	22.8	42.1	255	26.5	49.7	269	28.2						
161										57.0	275	23.7			
165	36.3	241	21.9	39.7	249	25.9	47.6	264	27.0	56.0	274	23.1			
170	33.5	234	20.9	37.1	243	25.3	45.5	260	25.9	54.1	270	22.2			
175	30.5	225	19.7	34.4	236	24.3	43.2	254	24.9	52.1	266	21.2			
180	27.2	216	18.5	31.5	228	22.7	40.8	249	23.9	50.1	262	20.4			
185	23.5	205	17.3	28.3	219	21.1	38.4	242	23.0	48.0	258	19.5			
190	19.0	192	16.1	24.7	208	19.5	35.7	236	22.1	45.8	253	18.8			
195				20.6	196	17.9	32.9	228	21.2	43.6	248	18.0			
200				15.3	180	16.2	29.9	220	20.4	41.2	242	17.3			
205							26.5	210	19.7	38.8	236	16.7			
210							22.6	199	18.9	36.2	229	16.0			
215							18.0	185	18.2	33.4	222	15.4			
220										30.4	214	14.8			
225										27.1	204	14.3			
230										23.3	193	13.7			
235										18.8	180	13.2			
243													37.0	206	7.9
245													36.8	205	7.8
250													34.0	198	7.5
255													31.1	190	7.2
260													27.8	181	6.8
265													24.2	171	6.5
270													19.9	158	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	28.2						
120	58.0	297	27.0	60.3	301	27.9	66.1	306	28.2						
125	56.2	294	26.5	58.6	297	27.5	64.5	304	28.2						
130	54.4	290	26.1	56.8	294	27.0	62.8	301	28.0						
135	52.6	286	25.7	55.0	291	26.6	61.1	299	27.7						
140	50.7	282	25.4	53.2	287	26.3	59.4	296	27.6						
145	48.7	278	24.6	51.3	283	26.0	57.7	292	27.3						
150	46.7	273	23.9	49.3	279	25.3	55.9	289	27.0						
155	44.6	268	23.1	47.3	274	24.7	54.0	285	26.6						
160	42.4	263	22.5	45.3	269	24.1	52.2	282	26.4						
165	40.1	257	21.9	43.1	264	23.5	50.3	278	26.1						
167										57.0	284	22.2			
170	37.7	251	21.3	40.9	258	23.0	48.3	273	25.6	56.2	282	21.7			
175	35.2	244	20.8	38.5	252	22.5	46.3	268	24.5	54.3	279	20.8			
180	32.5	236	19.8	36.0	246	22.0	44.2	263	23.5	52.5	275	20.0			
185	29.6	228	18.7	33.4	238	21.1	42.0	258	22.6	50.6	271	19.1			
190	26.4	218	17.7	30.6	230	20.2	39.7	252	21.7	48.6	266	18.4			
195	22.7	207	16.6	27.4	221	19.2	37.2	246	20.9	46.6	262	17.6			
200	18.4	193	15.5	23.9	210	18.2	34.7	238	20.1	44.5	257	16.9			
205				19.9	197	17.2	31.9	231	19.4	42.3	251	16.3			
210							29.0	222	18.6	40.0	245	15.6			
215							25.7	212	18.0	37.6	239	15.0			
220							21.9	200	17.3	35.1	232	14.5			
225							17.4	186	16.6	32.4	224	13.9			
230										29.5	216	13.4			
235										26.2	206	12.9			
240										22.6	195	12.4			
245										18.2	181	11.9			
251													37.0	212	6.9
255													35.7	208	6.7
260													33.0	201	6.4
265													30.1	193	6.1
270													27.0	183	5.8
275													23.4	172	5.5
280													19.2	159	5.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	26.2						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	24.4						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	24.4						
130	56.4	302	23.6	58.6	306	24.0	64.2	312	24.4						
135	54.7	299	23.4	56.9	303	23.7	62.6	310	24.1						
140	52.9	295	23.1	55.2	299	23.4	61.0	307	24.0						
145	51.1	291	22.8	53.5	296	23.1	59.4	304	23.8						
150	49.3	287	22.4	51.7	292	22.9	57.7	301	23.6						
155	47.4	282	22.0	49.9	288	22.4	56.0	298	23.4						
160	45.4	277	21.6	48.0	283	21.9	54.3	294	23.1						
165	43.4	272	21.2	46.0	278	21.4	52.6	290	22.9						
170	41.2	267	20.8	44.0	273	20.9	50.7	286	22.7						
172										57.0	292	20.8			
175	39.0	260	20.4	41.9	268	20.5	48.9	282	22.5	56.3	291	20.4			
180	36.7	254	20.1	39.7	262	20.1	47.0	277	22.3	54.6	287	19.5			
185	34.2	247	19.7	37.5	255	19.7	45.0	272	22.1	52.8	283	18.7			
190	31.6	239	18.9	35.0	248	19.3	42.9	267	21.4	51.0	279	18.0			
195	28.7	230	18.0	32.5	241	18.8	40.8	261	20.6	49.2	275	17.2			
200	25.6	220	17.0	29.7	232	18.4	38.6	255	19.8	47.3	270	16.5			
205	22.0	208	16.0	26.6	223	17.8	36.2	248	19.0	45.3	266	15.9			
210				23.2	212	17.3	33.7	241	18.3	43.3	260	15.2			
215				19.2	198	16.7	31.0	233	17.6	41.1	255	14.7			
220							28.1	224	17.0	38.9	249	14.1			
225							24.9	214	16.4	36.6	242	13.5			
230							21.2	202	15.8	34.1	235	13.0			
235							16.8	187	15.2	31.5	227	12.5			
240										28.6	218	12.0			
245										25.5	208	11.6			
250										21.9	196	11.1			
255										17.5	182	10.7			
259													37.0	218	6.0
260													37.0	218	6.0
265													34.7	211	5.7
270													32.1	203	5.4
275													29.3	195	5.1
280													26.2	185	4.8
285													22.7	174	4.6
290													18.6	160	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>133 ft main boom</b> <b>66 ft luffing jib</b> <b>133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	158.8												
40	69.6	205	158.8												
41				75.0	206	158.8									
45	64.8	202	156.8	71.6	205	158.8									
50	59.8	200	149.5	66.9	203	145.0									
55	54.5	196	132.0	62.0	200	128.1									
60	48.8	192	118.1	56.8	197	114.6									
65	42.4	187	106.7	51.3	193	103.5									
69							67.0	199	88.7						
70	35.2	180	97.2	45.2	188	94.3	65.7	198	86.5						
75	26.1	171	86.8	38.4	182	86.5	60.7	196	79.4						
80				30.3	174	79.8	55.4	192	73.3						
85				19.0	163	74.0	49.8	188	68.0						
90							43.6	183	63.4						
95							36.5	177	59.3						
100							27.9	168	55.6						
101										57.0	185	48.9			
105										52.6	182	46.6			
110										46.7	178	44.0			
115										40.1	172	41.6			
120										32.3	165	39.4			
125										24.9	157	33.0			
156													37.0	142	21.4
160													32.5	138	20.9
165													22.3	127	19.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 76 ft luffing jib 133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	152.9												
40	72.4	215	150.6												
44				75.0	216	151.0									
45	68.3	213	148.1	74.1	215	150.9									
50	64.1	211	143.1	70.1	213	144.7									
55	59.8	208	131.9	65.9	211	127.8									
60	55.2	205	118.0	61.6	209	114.3									
65	50.3	201	106.6	57.2	205	103.3									
70	45.0	196	96.3	52.4	202	94.1									
73							67.0	208	82.5						
75	39.2	190	89.1	47.3	197	86.4	64.9	207	79.0						
80	32.4	182	82.2	41.7	192	79.7	60.5	204	73.0						
85	23.9	172	76.2	35.4	185	74.0	56.0	201	67.7						
90				27.8	177	68.9	51.2	197	63.1						
95				17.1	163	64.3	46.0	192	59.0						
100							40.2	187	55.4						
105							33.7	180	52.1						
106										57.0	194	45.5			
110							25.6	170	49.1	53.5	191	43.6			
115										48.5	187	41.2			
120										43.1	181	39.1			
125										37.0	175	37.1			
130										29.7	167	35.3			
135										22.7	159	33.0			
164													37.0	148	19.7
165													37.0	148	19.5
170													29.9	140	18.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>85 ft luffing jib</b> <b>133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	133.3												
45	71.0	224	131.6												
46				75.0	225	132.7									
50	67.3	222	129.7	72.5	224	132.5									
55	63.6	219	126.0	68.9	222	127.5									
60	59.7	216	117.8	65.2	220	114.0									
65	55.7	213	106.4	61.4	217	103.0									
70	51.4	209	97.0	57.4	214	93.9									
75	46.9	205	89.0	53.3	210	86.2									
76							67.0	217	76.9						
80	42.0	199	82.1	48.9	206	79.5	64.2	215	72.6						
85	36.5	193	76.2	44.1	201	73.8	60.4	213	67.3						
90	30.1	185	71.0	38.9	195	68.7	56.4	209	62.7						
95	22.0	174	66.3	33.0	188	64.3	52.2	206	58.7						
100				25.8	178	60.3	47.7	201	55.1						
105							42.8	196	51.8						
110							37.5	190	48.9						
112										57.0	202	42.3			
115							31.3	182	46.3	54.2	199	40.8			
120							23.6	172	43.8	49.9	195	38.7			
125										45.2	190	36.7			
130										40.1	185	34.9			
135										34.4	178	33.2			
140										29.3	171	31.8			
172													37.0	154	17.9
175													34.5	151	17.5
180													27.7	142	16.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 95 ft luffing jib 133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	118.5												
49				75.0	235	118.5									
50	69.8	232	116.9	74.4	234	118.5									
55	66.5	230	114.5	71.2	233	117.9									
60	63.2	228	111.9	67.9	231	113.9									
65	59.7	225	106.3	64.6	228	102.9									
70	56.1	222	96.6	61.2	226	93.7									
75	52.3	218	88.9	57.6	222	86.0									
80	48.3	214	82.0	53.9	219	79.4									
80							67.0	226	72.1						
85	44.1	209	76.1	50.1	215	73.7	63.8	224	67.1						
90	39.4	203	70.9	45.9	210	68.6	60.3	221	62.5						
95	34.2	196	66.3	41.4	205	64.2	56.7	218	58.5						
100	28.2	187	60.6	36.5	198	60.3	53.0	214	54.9						
105	22.5	178	31.9	30.9	190	56.7	49.0	210	51.7						
110				24.1	180	53.5	44.8	205	48.8						
115							40.3	199	46.1						
117										57.0	210	39.6			
120							35.2	193	43.7	54.8	208	38.4			
125							29.3	184	41.5	51.0	204	36.5			
130							22.0	173	39.5	46.9	199	34.7			
135										42.5	194	33.1			
140										38.9	189	31.6			
145										33.6	182	30.2			
150										27.4	173	28.8			
180													37.0	160	16.6
180													37.0	160	16.5
185													32.4	153	15.9
190													25.9	144	15.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	104.1												
52				75.0	244	104.6									
55	68.9	241	102.7	73.0	243	104.5									
60	65.9	239	99.7	70.1	241	103.3									
65	62.8	236	97.2	67.2	239	101.5									
70	59.7	233	93.3	64.1	237	93.4									
75	56.4	230	88.6	61.0	234	85.7									
80	53.0	226	81.8	57.8	231	79.1									
84							67.0	235	67.7						
85	49.5	222	75.9	54.5	227	73.4	66.4	235	66.7						
90	45.7	218	70.7	51.0	223	68.4	63.4	232	62.1						
95	41.7	212	66.2	47.3	219	64.0	60.2	230	58.1						
100	37.3	206	59.0	43.4	214	60.0	57.0	226	54.5						
105	32.3	198	56.5	39.2	208	56.5	53.6	223	51.3						
110	26.6	189	52.9	34.5	201	53.3	50.1	219	48.4						
115	21.1	180	29.5	29.1	192	50.4	46.4	214	45.8						
120				22.6	182	47.8	42.4	209	43.4						
122									57.0	218	37.0				
125									55.3	216	36.0				
130							38.0	203	41.2	51.8	34.3				
135							33.2	195	39.2	49.1	32.7				
140							27.6	186	37.3	45.3	31.2				
145							20.6	175	35.6	41.2	29.8				
150										36.7	28.5				
155										31.7	27.3				
160										25.8	26.1				
188															
190												37.0	166	15.0	
195												35.7	164	14.9	
200												30.5	156	14.3	
												24.4	146	13.7	

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	93.0									
55	70.8	252	92.1	74.5	253	93.0									
60	68.1	250	90.5	71.9	252	92.9									
65	65.3	247	88.0	69.2	250	91.6									
70	62.5	245	86.0	66.5	248	89.7									
75	59.7	242	83.8	63.7	245	85.4									
80	56.7	239	81.4	60.9	242	78.8									
85	53.6	235	75.6	58.0	239	73.1									
88							67.0	244	63.6						
90	50.4	231	70.5	54.9	236	68.1	65.8	243	61.7						
95	47.0	226	65.9	51.8	232	63.7	63.0	241	57.7						
100	43.4	221	59.0	48.5	228	59.7	60.2	238	54.1						
105	39.6	215	56.2	45.0	223	56.2	57.2	235	50.9						
110	35.4	209	53.8	41.3	217	53.1	54.1	231	48.0						
115	30.7	201	50.7	37.2	211	50.2	51.0	227	45.4						
120	25.1	191	47.6	32.7	204	47.6	47.6	223	43.0						
125				27.6	195	45.2	44.1	218	40.9						
128										57.0	227	34.6			
130				21.3	183	43.0	40.3	212	38.9	55.6	225	33.8			
135							36.1	206	37.0	53.3	222	32.3			
140							31.5	198	35.3	50.0	218	30.8			
145							26.2	188	33.7	46.6	213	29.4			
150							21.2	179	32.3	43.0	208	28.1			
155										39.1	202	26.9			
160										34.9	195	25.8			
165										30.1	187	24.7			
170										24.4	177	23.7			
195													37.0	172	13.6
200													33.9	166	13.3
205													29.0	158	12.7
210													23.0	147	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	82.3									
60	69.9	260	81.1	73.4	262	82.3									
65	67.4	258	79.5	70.9	260	81.9									
70	64.9	256	77.6	68.5	258	80.8									
75	62.3	253	76.1	66.0	256	79.2									
80	59.6	250	74.4	63.4	254	77.5									
85	56.9	247	72.6	60.8	251	72.9									
90	54.1	244	70.3	58.1	248	67.9									
92							67.0	253	60.0						
95	51.2	240	65.7	55.3	244	63.5	65.3	252	57.4						
100	48.1	235	58.9	52.4	241	59.5	62.7	249	53.8						
105	44.9	230	55.7	49.4	236	56.0	60.1	247	50.6						
110	41.5	225	52.8	46.3	232	52.9	57.4	243	47.8						
115	37.8	219	50.2	42.9	227	50.0	54.6	240	45.2						
120	33.7	211	47.9	39.4	221	47.4	51.7	236	42.8						
125	29.2	203	45.1	35.5	214	45.0	48.6	232	40.7						
130	23.9	192	42.4	31.2	206	42.9	45.4	227	38.7						
133										57.0	235	32.2			
135				26.3	196	40.8	42.1	221	36.8	56.6	234	32.0			
140				20.2	184	38.9	38.4	215	35.1	53.8	231	30.5			
145							34.5	208	33.6	50.8	227	29.1			
150							31.1	202	32.1	47.7	222	27.8			
155							26.2	193	30.8	44.5	217	26.6			
160							20.1	180	29.5	41.1	212	25.5			
165										37.3	205	24.5			
170										33.3	198	23.5			
175										28.7	189	22.5			
180										23.2	179	21.6			
203													37.0	177	12.5
205													36.5	177	12.5
210													32.3	169	12.0
215													27.6	160	11.5
220													21.9	149	11.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	73.3									
60	71.4	271	72.6	74.6	272	73.3									
65	69.2	269	71.7	72.4	271	73.2									
70	66.8	267	70.1	70.1	269	72.4									
75	64.5	264	68.6	67.8	267	71.3									
80	62.1	262	67.5	65.5	265	69.8									
85	59.6	259	66.0	63.1	262	68.5									
90	57.1	256	60.6	60.7	259	67.4									
95	54.5	252	58.8	58.2	256	63.2									
96							67.0	263	56.6						
100	51.8	248	57.3	55.6	253	59.2	64.9	260	53.4						
105	49.0	244	55.2	53.0	249	55.7	62.5	258	50.2						
110	46.1	239	52.2	50.2	245	52.6	60.1	255	47.4						
115	43.0	234	49.5	47.3	241	49.7	57.5	252	44.8						
120	39.7	228	47.0	44.3	236	47.1	55.0	248	42.4						
125	36.2	222	44.8	41.1	230	44.8	52.3	245	40.3						
130	32.3	214	42.6	37.7	224	42.6	49.5	240	38.3						
135	27.9	205	40.3	34.0	217	40.6	46.6	236	36.5						
139										57.0	243	30.2			
140	22.8	194	37.9	29.8	208	38.7	43.5	231	34.8	56.8	243	30.1			
145				25.1	198	37.0	40.3	225	33.2	54.2	239	28.7			
150				19.2	185	35.4	37.6	220	31.8	51.5	235	27.4			
155							33.9	213	30.5	48.7	231	26.2			
160							29.8	204	29.2	45.7	226	25.1			
165							25.0	194	28.0	42.6	221	24.1			
170							19.1	181	26.9	39.3	215	23.1			
175										35.7	208	22.2			
180										31.8	201	21.3			
185										27.4	191	20.4			
190										22.1	180	19.6			
211													37.0	183	11.3
215													34.9	179	11.1
220													30.9	171	10.6
225													26.3	162	10.2
230													20.8	150	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 144 ft luffing jib 133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	62.0									
75	66.4	275	58.8	69.4	278	60.7									
80	64.2	273	57.6	67.3	276	59.6									
85	61.9	270	56.7	65.1	273	58.3									
90	59.6	267	55.3	62.9	271	57.3									
95	57.3	264	53.9	60.6	268	56.4									
99							67.0	272	53.4						
100	54.9	261	52.7	58.3	265	55.2	66.7	271	53.0						
105	52.4	257	51.7	55.9	262	54.2	64.5	269	49.8						
110	49.8	253	50.5	53.4	258	52.3	62.3	266	47.0						
115	47.1	248	47.9	50.9	254	49.4	60.0	264	44.4						
120	44.3	243	45.5	48.2	249	46.8	57.7	260	42.0						
125	41.3	238	43.3	45.5	245	44.5	55.3	257	39.9						
130	38.1	231	41.3	42.6	239	42.3	52.8	253	37.9						
135	34.7	224	39.6	39.5	233	40.3	50.2	249	36.1						
140	31.0	216	37.6	36.2	227	38.5	47.6	245	34.4						
144										57.0	251	28.5			
145	26.8	207	35.6	32.6	219	36.7	45.4	241	31.9	57.0	251	28.2			
150	21.8	195	33.7	28.6	210	35.1	42.5	236	31.3	54.6	248	27.0			
155				24.0	200	33.6	39.4	230	30.2	52.1	244	25.8			
160				19.8	190	21.7	36.1	223	28.9	49.5	240	24.7			
165							32.5	215	27.7	46.8	235	23.7			
170							28.5	207	26.6	43.9	230	22.7			
175							23.9	196	25.5	41.0	224	21.8			
180							18.2	182	24.5	37.8	218	20.9			
185										34.3	211	20.1			
190										30.5	203	19.3			
195										26.2	193	18.5			
200										21.1	181	17.8			
219													37.0	189	10.2
220													37.0	189	10.2
225													33.5	182	9.7
230													29.7	174	9.3
235													25.2	164	8.9
240													19.8	151	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	54.9									
80	65.9	284	52.2	68.8	286	54.1									
85	63.9	281	51.3	66.8	284	53.4									
90	61.8	279	50.6	64.7	282	52.5									
95	59.6	276	49.5	62.7	279	51.9									
100	57.4	273	48.4	60.5	276	51.2									
103							67.0	281	50.6						
105	55.2	269	47.4	58.4	273	50.3	66.3	280	49.6						
110	52.8	265	46.6	56.1	270	49.5	64.2	277	46.7						
115	50.4	261	45.8	53.8	266	48.8	62.1	275	44.1						
120	48.0	257	44.2	51.5	262	46.6	60.0	272	41.8						
125	45.4	252	42.6	49.0	258	44.3	57.8	269	39.6						
130	42.7	247	41.1	46.5	254	42.1	55.6	266	37.7						
135	39.8	241	39.7	43.8	248	40.1	53.2	262	35.9						
140	36.7	234	38.4	41.0	243	38.2	50.9	258	34.2						
145	33.4	227	37.0	38.1	237	36.5	49.0	254	32.6						
149										57.0	260	26.8			
150	29.8	219	35.1	34.9	230	34.9	46.4	250	31.3	57.0	260	26.6			
155	25.7	209	33.1	31.4	222	33.5	43.8	245	29.9	54.9	256	25.5			
160	22.1	200	18.6	28.5	215	21.5	41.0	239	28.7	52.6	253	24.4			
165				24.2	204	20.7	38.0	233	27.5	50.2	248	23.4			
170				18.9	191	19.9	34.8	226	26.4	47.7	244	22.4			
175							31.3	218	25.3	45.1	239	21.5			
180							27.4	209	24.3	42.3	234	20.6			
185							22.9	198	23.4	39.5	228	19.8			
190							17.3	183	22.5	36.4	221	19.0			
195										33.0	214	18.3			
200										29.4	205	17.6			
205										25.2	195	16.9			
210										20.2	183	16.3			
227													37.0	195	9.2
230													35.7	192	9.1
235													32.3	185	8.7
240													28.5	176	8.3
245													24.2	165	7.9
250													19.0	152	7.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	48.1									
85	65.5	292	45.7	68.3	295	47.8									
90	63.6	290	45.1	66.4	293	47.4									
95	61.6	287	44.6	64.4	290	46.9									
100	59.6	284	43.7	62.5	288	46.5									
105	57.5	281	42.9	60.5	285	46.0									
107							67.0	290	45.4						
110	55.4	278	42.1	58.4	282	45.4	65.9	288	45.4						
115	53.3	274	41.4	56.3	279	44.8	63.9	286	43.7						
120	51.0	270	40.9	54.2	275	44.3	62.0	283	41.4						
125	48.7	266	40.0	52.0	271	43.9	60.0	280	39.2						
130	46.3	261	39.1	49.7	267	41.8	57.9	277	37.3						
135	43.8	256	38.3	47.3	262	39.8	55.8	274	35.5						
140	41.2	250	37.5	44.9	257	37.9	53.6	270	33.8						
145	38.4	244	36.7	42.3	252	36.2	51.9	267	32.3						
150	35.5	237	36.1	39.6	246	34.7	49.7	263	30.9						
155										57.0	268	25.1			
155	32.3	230	34.5	36.7	240	33.2	47.3	259	29.6	57.0	268	24.9			
160	29.6	223	18.2	34.4	234	21.0	44.8	254	28.3	55.2	265	24.0			
165	25.7	213	17.6	31.1	226	20.3	42.3	248	27.1	53.0	261	22.9			
170	21.2	201	16.9	27.4	217	19.6	39.6	242	26.0	50.8	257	22.0			
175				23.2	206	18.9	36.7	236	25.0	48.4	253	21.1			
180				18.1	192	18.1	33.6	229	24.0	46.0	248	20.2			
185							30.2	220	23.1	43.5	243	19.4			
190							26.4	211	22.2	40.9	237	18.7			
195							22.1	199	21.3	38.1	231	17.9			
200							16.6	184	20.5	35.1	224	17.2			
205										31.9	216	16.6			
210										28.3	207	15.9			
215										24.3	197	15.3			
220										19.4	184	14.8			
235													37.0	201	8.2
235													37.0	201	8.2
240													34.4	195	7.9
245													31.1	187	7.5
250													27.5	178	7.2
255													23.3	167	6.8
260													18.2	153	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	42.2									
95	63.4	298	40.2	66.0	301	41.7									
100	61.5	296	39.8	64.2	299	41.2									
105	59.6	293	39.1	62.3	296	40.9									
110	57.6	290	38.4	60.4	293	40.4									
111							67.0	299	40.1						
115	55.7	286	37.8	58.5	290	39.9	65.5	297	40.1						
120	53.6	283	37.3	56.5	287	39.4	63.7	294	40.1						
125	51.5	279	36.9	54.5	284	39.0	61.8	292	38.8						
130	49.4	274	36.3	52.4	280	38.6	59.9	289	36.9						
135	47.1	270	35.7	50.3	276	38.2	58.0	286	35.1						
140	44.8	265	35.0	48.1	271	37.6	56.0	283	33.4						
145	42.4	260	34.4	45.8	266	35.9	54.5	280	32.0						
150	39.9	254	33.9	43.4	261	34.3	52.4	276	30.5						
155	37.2	247	33.4	41.5	257	24.2	50.3	272	29.2						
160										57.0	276	23.5			
160	35.0	242	19.0	39.0	251	22.7	48.1	267	27.9	57.0	276	23.3			
165	31.9	234	18.3	36.2	244	21.3	45.8	263	26.8	55.4	273	22.5			
170	28.6	225	17.6	33.3	237	20.4	43.4	257	25.7	53.4	270	21.6			
175	24.8	215	16.9	30.1	228	19.5	40.9	252	24.6	51.3	266	20.7			
180	20.4	203	16.2	26.5	219	18.6	38.3	246	23.7	49.1	261	19.8			
185				22.4	207	17.7	35.5	239	22.7	46.9	257	19.0			
190				17.4	193	16.8	32.5	231	21.9	44.5	252	18.3			
195							29.2	223	21.0	42.1	246	17.5			
200							25.5	213	20.2	39.6	240	16.8			
205							21.2	201	19.5	36.9	234	16.2			
210										34.0	227	15.6			
215										30.8	219	15.0			
220										27.4	209	14.4			
225										23.4	198	13.9			
230										18.7	185	13.3			
243													37.0	207	7.2
245													36.2	205	7.1
250													33.3	198	6.8
255													30.1	190	6.4
260													26.5	180	6.1
265													22.5	169	5.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	36.0									
105	61.4	304	34.9	63.9	307	35.6									
110	59.6	301	34.4	62.1	305	35.3									
115							67.0	308	34.8						
115	57.7	298	33.9	60.4	302	34.8	66.9	308	34.8						
120	55.9	295	33.5	58.5	299	34.4	65.2	305	34.8						
125	53.9	291	33.2	56.7	296	33.9	63.5	303	34.7						
130	52.4	288	28.1	54.8	292	33.5	61.7	300	34.3						
135	50.4	284	27.5	52.8	288	33.2	59.9	297	33.9						
140	48.4	280	25.9	51.3	285	29.1	58.1	294	33.1						
145	46.2	275	24.4	49.2	281	27.7	56.6	292	30.9						
150	44.0	270	23.0	47.1	276	26.3	54.7	288	30.2						
155	41.7	264	21.7	44.9	271	25.0	52.8	285	28.9						
160	39.2	258	20.5	42.7	266	23.8	50.8	281	27.7						
165	36.6	252	19.4	40.3	260	22.7	48.7	276	26.5						
165										57.0	284	21.9			
170	33.9	245	18.5	37.8	254	21.6	46.6	272	25.4	55.7	282	21.3			
175	30.9	236	17.7	35.1	247	20.7	44.4	267	24.4	53.7	278	20.4			
180	27.7	227	17.0	32.2	239	19.7	42.1	261	23.4	51.8	274	19.5			
185	24.0	217	16.2	29.1	231	18.7	39.6	255	22.5	49.7	270	18.7			
190	19.7	204	15.4	25.6	221	17.6	37.1	249	21.6	47.6	266	18.0			
195				21.6	209	16.6	34.4	242	20.8	45.4	261	17.2			
200				16.7	194	15.5	31.5	234	20.0	43.2	256	16.6			
205							28.3	225	19.3	40.8	250	15.9			
210							24.7	214	18.6	38.3	244	15.3			
215							20.5	202	17.9	35.7	237	14.7			
220										32.9	229	14.2			
225										29.8	221	13.6			
230										26.5	211	13.1			
235										22.6	200	12.6			
250													37.0	213	6.4
255													35.1	208	6.1
260													32.3	200	5.8
265													29.1	192	5.5
270													25.7	182	5.3
275													21.7	170	5.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.5									
119							67.0	317	28.2						
120	58.2	307	26.9	60.7	311	28.1	66.9	317	28.2						
125	56.5	304	26.3	59.0	308	27.5	65.3	315	28.2						
130	54.7	301	25.8	57.2	305	27.1	63.7	312	28.2						
135	52.8	297	25.3	55.4	301	26.6	62.0	309	27.9						
140	50.9	293	24.9	53.6	298	26.2	60.3	307	27.6						
145	49.0	288	23.9	51.7	294	25.9	58.5	304	27.5						
150	47.0	284	22.9	49.8	290	25.1	56.8	300	27.1						
155	44.9	279	21.9	47.8	285	24.1	55.0	297	26.7						
160	42.7	274	21.0	45.8	280	23.2	53.1	293	26.4						
165	40.4	268	20.2	43.6	275	22.3	51.2	289	26.1						
170	38.1	262	19.4	41.4	270	21.5	49.3	285	25.0						
171										57.0	293	20.5			
175	35.6	255	18.7	39.1	264	20.7	47.3	280	24.0	55.9	290	19.9			
180	32.9	247	17.9	36.7	257	20.0	45.2	275	23.1	54.0	287	19.1			
185	30.0	239	17.1	34.1	250	19.3	43.1	270	22.1	52.2	283	18.3			
190	26.8	229	16.3	31.3	242	18.4	40.8	265	21.3	50.3	279	17.6			
195	23.2	218	15.5	28.2	233	17.5	38.5	258	20.5	48.3	274	16.8			
200	19.0	205	14.7	24.8	223	16.7	36.0	252	19.7	46.2	270	16.2			
205				20.9	210	15.8	33.4	244	18.9	44.1	265	15.5			
210							30.5	236	18.2	41.9	259	14.9			
215							27.4	227	17.6	39.6	253	14.3			
220							23.9	216	16.9	37.2	247	13.8			
225							19.8	203	16.3	34.7	240	13.2			
230										31.9	232	12.7			
235										28.9	223	12.2			
240										25.6	213	11.8			
245										21.9	202	11.3			
258													37.0	219	5.4
260													36.7	218	5.4
265													34.1	211	5.1
270													31.3	203	4.8
275													28.3	194	4.6
280													24.9	184	4.3
285													21.0	171	4.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

133

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	24.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	24.1						
130	56.6	313	23.1	59.0	316	23.8	65.0	323	24.1						
135	54.9	309	22.7	57.3	313	23.4	63.5	321	24.0						
140	53.2	305	22.5	55.6	310	23.1	61.9	318	23.8						
145	51.4	301	22.2	53.9	306	22.9	60.2	315	23.6						
150	49.5	297	21.7	52.1	302	22.7	58.6	312	23.5						
155	47.6	293	21.1	50.3	298	22.2	56.9	309	23.2						
160	45.7	288	20.6	48.4	294	21.6	55.2	305	23.0						
165	43.6	283	20.0	46.5	289	21.1	53.5	302	22.7						
170	41.5	277	19.5	44.5	284	20.5	51.7	298	22.5						
175	39.3	271	19.0	42.4	279	20.0	49.8	294	22.3						
176										57.0	301	19.1			
180	37.0	265	18.6	40.3	273	19.5	48.0	289	22.0	56.0	299	18.7			
185	34.6	258	18.2	38.0	267	19.1	46.0	284	21.8	54.3	295	17.9			
190	32.0	250	17.3	35.6	260	18.7	44.0	279	20.9	52.5	292	17.1			
195	29.1	241	16.5	33.1	252	18.0	41.9	274	20.1	50.7	288	16.4			
200	26.0	231	15.7	30.4	244	17.2	39.7	268	19.3	48.9	283	15.8			
205	22.5	220	14.8	27.4	235	16.5	37.4	261	18.6	46.9	279	15.1			
210	18.4	206	14.0	24.1	224	15.8	35.0	255	17.9	45.0	274	14.5			
215				20.3	212	15.0	32.4	247	17.2	42.9	268	13.9			
220							29.7	238	16.6	40.8	263	13.4			
225							26.6	229	16.0	38.5	256	12.9			
230							23.2	218	15.4	36.2	250	12.3			
235							19.2	204	14.8	33.7	242	11.9			
240										31.0	234	11.4			
245										28.1	225	10.9			
250										24.9	215	10.5			
255										21.2	203	10.1			
266													37.0	225	4.6
270													35.7	221	4.4
275													33.1	214	4.1
280													30.4	205	3.9
285													27.4	196	3.6
290													24.1	185	3.4
295													20.3	173	3.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	158.8												
40	70.3	215	158.8												
43				75.0	216	158.8									
45	65.5	213	154.7	72.7	215	158.8									
50	60.5	210	148.1	68.0	213	144.3									
55	55.2	206	131.8	63.2	211	127.5									
60	49.6	202	117.9	58.1	208	114.0									
65	43.4	197	106.5	52.6	204	103.0									
70	36.3	191	97.0	46.7	199	93.9									
71							67.0	209	83.6						
75	27.5	182	88.6	40.2	194	86.1	63.3	207	78.3						
80				32.4	186	79.5	58.1	204	72.3						
85				22.3	176	73.6	52.7	200	67.1						
90							46.8	195	62.5						
95							40.3	190	58.4						
100							32.6	183	54.8						
105							25.2	175	33.0						
105										57.0	194	45.2			
110										51.6	190	42.7			
115										45.6	186	40.4			
120										38.9	180	38.3			
125										30.8	172	36.3			
130										19.9	161	34.5			
163													37.0	149	18.7
165													35.7	148	18.6
170													26.8	139	17.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>76 ft luffing jib</b> <b>142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.8												
40	73.0	225	145.0												
45	68.9	223	142.8												
45				75.0	225	144.9									
50	64.7	221	137.7	71.1	224	144.0									
55	60.4	218	131.7	66.9	222	127.2									
60	55.8	215	117.8	62.7	219	113.8									
65	51.0	211	106.4	58.2	216	102.8									
70	45.8	206	95.7	53.6	212	93.7									
75	40.0	201	89.0	48.6	208	86.0	67.0	218	77.9						
80	33.4	193	82.1	43.1	203	79.3	62.8	215	71.9						
85	25.2	184	76.1	37.0	197	73.6	58.3	212	66.7						
90				29.8	189	68.6	53.7	209	62.2						
95				20.2	177	64.0	48.7	204	58.1						
100							43.2	199	54.6						
105							37.1	193	51.4						
110							29.9	185	48.4						
111										57.0	202	42.0			
115							23.0	177	33.0	52.7	199	40.0			
120										47.6	195	37.9			
125										42.1	189	36.0			
130										35.8	183	34.2			
135										30.2	176	32.6			
140										20.9	165	31.1			
171													37.0	155	17.1
175													32.9	150	16.6
180													24.5	140	15.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	129.9												
45	71.4	234	128.4												
48				75.0	235	129.1									
50	67.8	232	126.2	73.3	234	129.0									
55	64.1	230	123.3	69.8	232	126.9									
60	60.3	227	117.6	66.1	230	113.4									
65	56.2	223	106.2	62.3	228	102.5									
70	52.0	220	96.8	58.4	224	93.4									
75	47.5	215	88.8	54.3	221	85.7									
79							67.0	227	72.7						
80	42.7	210	82.0	49.9	217	79.1	66.2	226	71.5						
85	37.3	204	76.0	45.3	212	73.4	62.4	224	66.3						
90	31.1	196	70.8	40.2	206	68.4	58.5	221	61.8						
95	23.3	185	66.2	34.5	199	64.0	54.4	217	57.8						
100				27.7	191	60.0	50.0	213	54.2						
105							45.4	208	51.0						
110							40.3	203	48.2						
115							34.6	196	45.6						
116										57.0	211	39.2			
120							27.8	187	43.2	53.5	208	37.5			
125										49.1	203	35.6			
130										44.4	198	33.8			
135										40.5	194	32.3			
140										34.8	187	30.8			
145										28.1	179	29.4			
150										19.2	166	28.0			
179													37.0	161	15.5
180													36.8	161	15.5
185													30.6	153	14.9
190													22.6	142	14.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	114.5												
50	70.2	243	112.8												
50				75.0	244	114.4									
55	67.0	240	110.8	71.9	243	114.2									
60	63.6	238	108.2	68.7	241	112.4									
65	60.2	235	105.4	65.4	239	102.3									
70	56.6	232	95.7	62.0	236	93.2									
75	52.8	228	88.7	58.5	233	85.6									
80	48.9	224	81.9	54.8	230	79.0									
83							67.0	236	68.3						
85	44.7	219	76.0	51.0	226	73.3	65.5	235	66.0						
90	40.1	213	70.8	46.9	221	68.3	62.1	232	61.5						
95	35.0	207	66.2	42.6	216	63.9	58.6	229	57.6						
100	29.1	198	59.2	37.8	210	59.9	54.9	226	54.0						
105	21.7	187	55.6	32.3	202	56.4	51.1	222	50.8						
110				25.9	193	53.2	47.0	217	48.0						
115							42.6	212	45.4						
120							37.8	206	43.0						
121									57.0	219	36.7				
125							32.4	198	40.9	54.2	216	35.3			
130							26.0	189	38.9	50.3	212	33.6			
135										47.2	209	32.1			
140										42.8	203	30.6			
145										38.0	197	29.2			
150										32.6	190	27.9			
155										26.3	181	26.7			
160										17.7	167	25.5			
187													37.0	167	14.3
190													34.6	163	14.0
195													28.6	155	13.5
200													21.1	143	12.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	101.9												
53				75.0	254	102.4									
55	69.3	251	100.5	73.7	253	102.3									
60	66.3	249	98.1	70.8	251	101.5									
65	63.2	246	94.2	67.9	249	99.9									
70	60.1	244	92.3	64.9	247	92.9									
75	56.9	240	88.5	61.8	244	85.2									
80	53.5	237	81.7	58.6	241	78.7									
85	50.0	233	75.8	55.3	238	73.0									
87							67.0	245	64.2						
90	46.2	228	70.6	51.9	234	68.0	64.9	243	61.1						
95	42.2	223	66.0	48.2	230	63.6	61.8	241	57.1						
100	37.9	216	57.3	44.4	225	59.7	58.7	238	53.6						
105	33.0	209	55.0	40.2	219	56.2	55.4	234	50.5						
110	27.4	200	52.2	35.7	212	53.0	51.9	230	47.6						
115	22.2	191	27.7	30.5	204	50.2	48.3	226	45.0						
120				24.3	194	47.5	44.4	221	42.7						
125							40.3	215	40.6						
127										57.0	227	34.3			
130							35.8	209	38.6	54.7	225	33.1			
135							30.6	201	36.7	52.0	222	31.6			
140							24.5	191	35.0	48.4	217	30.2			
145										44.6	213	28.8			
150										40.5	207	27.5			
155										35.9	200	26.3			
160										30.8	192	25.2			
165										24.7	182	24.2			
170										16.5	168	23.1			
194													37.0	173	13.0
195													37.0	173	13.0
200													32.7	166	12.5
205													27.0	157	12.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	89.2												
55				75.0	263	89.9									
60	68.4	260	87.9	72.5	262	89.8									
65	65.7	258	85.6	69.9	260	89.0									
70	62.9	255	83.7	67.2	258	87.8									
75	60.1	252	81.7	64.4	256	84.9									
80	57.1	249	79.2	61.6	253	78.4									
85	54.0	245	75.5	58.7	250	72.7									
90	50.8	241	70.3	55.7	247	67.7									
90							67.0	254	60.3						
95	47.5	237	65.8	52.5	243	63.3	64.5	252	56.7						
100	43.9	232	57.7	49.3	239	59.4	61.6	249	53.2						
105	40.1	226	54.6	45.8	234	55.9	58.7	246	50.1						
110	36.0	219	51.9	42.2	228	52.8	55.7	243	47.2						
115	31.3	212	49.3	38.2	222	49.9	52.6	239	44.7						
120	26.0	202	46.8	33.9	215	47.3	49.3	235	42.3						
125	20.9	193	24.6	28.9	207	44.9	45.9	230	40.2						
130				23.0	196	42.7	42.2	225	38.2						
132										57.0	235	31.8			
135							38.3	219	36.4	55.8	234	31.2			
140							33.9	211	34.7	52.7	230	29.7			
145							29.0	203	33.2	49.5	226	28.4			
150							24.6	195	31.6	46.0	221	27.1			
155										42.4	216	25.9			
160										38.4	210	24.8			
165										34.1	203	23.8			
170										29.2	194	22.8			
175										23.4	184	21.9			
202													37.0	179	11.7
205													35.7	176	11.5
210													31.0	168	11.1
215													25.5	159	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	80.6									
60	70.2	270	79.3	73.9	272	80.6									
65	67.8	268	78.0	71.5	271	80.4									
70	65.2	266	76.1	69.1	269	79.5									
75	62.7	263	74.7	66.6	267	78.3									
80	60.0	261	73.1	64.0	264	76.6									
85	57.3	257	71.3	61.4	261	72.5									
90	54.5	254	69.7	58.7	258	67.5									
94							67.0	263	57.0						
95	51.6	250	65.6	56.0	255	63.1	66.6	263	56.5						
100	48.5	246	57.2	53.1	251	59.2	64.1	260	52.9						
105	45.3	241	54.2	50.1	247	55.7	61.5	258	49.8						
110	41.9	235	51.5	47.0	243	52.6	58.8	255	47.0						
115	38.3	229	49.1	43.8	238	49.7	56.0	251	44.4						
120	34.3	222	47.1	40.3	232	47.2	53.2	248	42.1						
125	29.9	214	44.7	36.5	225	44.8	50.2	243	40.0						
130	24.7	204	42.3	32.3	218	42.6	47.1	239	38.0						
135	19.8	194	22.0	27.5	209	40.6	43.8	234	36.2						
137										57.0	244	29.9			
140				21.8	197	38.7	40.3	228	34.5	56.1	243	29.4			
145							37.4	223	32.6	53.3	239	28.1			
150							33.4	216	31.6	50.3	235	26.9			
155							28.8	207	30.3	47.2	230	25.7			
160							23.4	197	29.0	43.9	225	24.6			
165										40.4	220	23.6			
170										36.7	213	22.6			
175										32.5	206	21.7			
180										27.8	197	20.8			
185										22.2	185	20.0			
210													37.0	184	10.7
215													34.0	179	10.3
220													29.5	171	9.9
225													24.3	160	9.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	71.0									
65	69.5	279	69.3	72.9	281	70.9									
70	67.2	277	68.0	70.7	279	70.5									
75	64.8	275	66.5	68.4	277	69.4									
80	62.4	272	61.0	66.1	275	68.1									
85	60.0	269	59.4	63.7	273	66.8									
90	57.5	266	57.5	61.3	270	65.9									
95	54.9	262	55.8	58.8	267	61.5									
98							67.0	272	53.8						
100	52.2	259	54.4	56.2	264	58.9	66.1	271	52.5						
105	49.4	254	52.7	53.6	260	55.4	63.7	269	49.4						
110	46.5	250	50.1	50.9	256	52.3	61.3	266	46.6						
115	43.4	245	47.8	48.0	252	49.4	58.8	263	44.0						
120	40.2	239	45.6	45.1	247	46.9	56.3	260	41.7						
125	36.7	232	43.7	41.9	241	44.5	53.7	256	39.6						
130	32.8	225	41.9	38.5	235	42.3	50.9	252	37.6						
135	28.5	216	39.7	34.9	228	40.3	48.1	248	35.8						
140	23.5	205	37.6	30.9	220	38.5	45.1	243	34.2						
143										57.0	252	28.0			
145				26.3	211	36.8	42.7	239	32.5	56.4	251	27.6			
150				20.8	199	35.2	39.4	233	31.3	53.8	248	26.4			
155							35.8	226	29.9	51.0	244	25.3			
160							31.9	218	28.7	48.2	239	24.2			
165							27.5	209	27.5	45.2	234	23.2			
170							22.3	198	26.4	42.1	229	22.2			
175										38.7	223	21.3			
180										35.1	216	20.5			
185										31.1	208	19.7			
190										26.6	199	18.9			
195										21.1	187	18.2			
218													37.0	190	9.5
220													36.4	189	9.5
225													32.5	182	9.1
230													28.2	173	8.7
235													23.1	162	8.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 144 ft luffing jib 142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	61.0									
75	66.7	285	57.2	69.9	288	60.0									
80	64.5	283	55.9	67.8	286	58.9									
85	62.2	280	54.9	65.6	284	57.6									
90	59.9	278	53.6	63.4	281	56.5									
95	57.6	274	52.1	61.2	278	55.7									
100	55.2	271	50.7	58.8	275	54.5									
102							67.0	281	50.8						
105	52.7	267	49.6	56.5	272	53.4	65.7	280	49.0						
110	50.1	263	48.5	54.0	269	52.0	63.4	277	46.1						
115	47.5	259	46.4	51.5	265	49.1	61.2	275	43.6						
120	44.7	254	44.4	48.9	260	46.6	58.9	272	41.3						
125	41.7	248	42.6	46.2	256	44.2	56.5	268	39.2						
130	38.6	242	40.9	43.3	250	42.0	54.1	265	37.2						
135	35.2	235	39.4	40.3	245	40.1	51.5	261	35.5						
140	31.5	227	37.7	37.0	238	38.2	48.9	256	33.8						
145	27.4	218	35.7	33.5	231	36.5	46.9	253	31.6						
148										57.0	260	26.2			
150	22.5	207	33.7	29.6	222	34.9	44.0	248	30.6	56.6	260	26.0			
155				25.2	212	33.4	41.0	242	29.6	54.2	256	24.8			
160				21.2	203	20.9	37.9	236	28.4	51.6	252	23.7			
165							34.4	229	27.2	49.0	248	22.7			
170							30.6	221	26.1	46.3	243	21.8			
175							26.4	211	25.0	43.5	238	20.9			
180							21.3	199	24.0	40.4	232	20.1			
185										37.2	226	19.3			
190										33.7	219	18.5			
195										29.9	210	17.8			
200										25.4	200	17.1			
205										20.1	188	16.4			
226													37.0	196	8.5
230													35.0	192	8.2
235													31.2	184	7.9
240													27.0	175	7.5
245													22.1	163	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	53.4									
80	66.2	294	50.0	69.3	296	52.8									
85	64.1	292	49.1	67.3	294	52.1									
90	62.0	289	48.3	65.2	292	51.2									
95	59.9	286	47.2	63.2	290	50.5									
100	57.7	283	46.0	61.0	287	49.9									
105	55.5	280	44.9	58.9	284	49.1									
106							67.0	290	48.2						
110	53.2	276	44.0	56.7	281	48.3	65.3	288	45.9						
115	50.8	272	43.2	54.4	277	47.6	63.2	286	43.3						
120	48.3	267	41.8	52.0	273	46.3	61.1	283	41.0						
125	45.7	263	40.4	49.6	269	44.0	58.9	280	38.9						
130	43.0	257	39.0	47.1	264	41.8	56.7	277	37.0						
135	40.2	252	37.8	44.5	259	39.8	54.4	273	35.2						
140	37.2	245	36.7	41.7	254	38.0	52.1	269	33.5						
145	33.9	238	35.6	38.8	248	36.3	50.2	266	32.1						
150	30.3	230	34.0	35.7	241	34.7	47.7	262	30.7						
153										57.0	268	24.6			
155	27.3	223	18.4	32.3	233	33.2	45.1	257	29.3	56.8	268	24.5			
160	22.8	211	17.7	29.4	227	20.5	42.4	251	28.1	54.5	265	23.5			
165				25.3	217	19.6	39.5	246	26.9	52.2	261	22.5			
170				20.3	204	18.7	36.5	239	25.9	49.8	257	21.5			
175							33.1	232	24.8	47.2	252	20.6			
180							29.5	223	23.9	44.6	247	19.8			
185							25.3	213	22.9	41.9	242	19.0			
190							20.4	201	22.0	39.0	236	18.3			
195										35.8	229	17.6			
200										32.5	221	16.9			
205										28.7	213	16.2			
210										24.4	202	15.6			
215										19.3	189	15.0			
234													37.0	202	7.6
235													36.9	202	7.6
240													33.7	195	7.2
245													30.0	186	6.9
250													26.0	177	6.6
255													21.2	165	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.3									
85	65.8	302	44.3	68.7	305	47.1									
90	63.9	300	43.6	66.8	303	46.7									
95	61.9	297	43.0	64.9	301	46.2									
100	59.9	295	42.0	62.9	298	45.7									
105	57.8	291	41.1	60.9	295	45.3									
110							67.0	299	44.7						
110	55.7	288	40.2	58.9	292	44.6	66.9	299	44.7						
115	53.6	284	39.4	56.8	289	44.1	64.9	297	42.9						
120	51.3	280	38.7	54.7	286	43.5	63.0	294	40.6						
125	49.0	276	37.9	52.5	282	43.1	61.0	291	38.5						
130	46.6	272	36.9	50.3	278	41.5	58.9	289	36.6						
135	44.2	266	35.9	47.9	273	39.5	56.9	285	34.8						
140	41.6	261	35.1	45.5	268	37.7	54.7	282	33.2						
145	38.8	255	34.3	42.9	263	36.0	53.1	279	31.7						
150	35.9	248	33.5	40.3	257	34.4	50.8	275	30.3						
155	33.5	242	18.5	38.1	253	21.6	48.5	271	29.0						
159										57.0	277	23.0			
160	30.1	234	17.7	35.1	246	20.2	46.1	266	27.7	56.9	277	23.0			
165	26.3	224	16.9	31.9	238	19.4	43.6	261	26.6	54.8	273	22.0			
170	21.9	213	16.2	28.4	229	18.6	41.0	255	25.5	52.6	269	21.1			
175				24.3	219	17.8	38.2	249	24.4	50.4	265	20.2			
180				19.5	206	17.0	35.2	242	23.3	48.0	261	19.4			
185							32.0	234	22.5	45.6	256	18.6			
190							28.4	225	21.7	43.1	251	17.9			
195							24.4	215	20.9	40.4	245	17.2			
200							19.6	202	20.0	37.6	239	16.5			
205										34.6	232	15.8			
210										31.3	224	15.2			
215										27.7	215	14.7			
220										23.5	204	14.1			
225										18.5	190	13.5			
242													37.0	208	6.6
245													35.7	205	6.5
250													32.5	197	6.2
255													29.0	189	5.9
260													25.0	179	5.6
265													20.3	166	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	41.1									
95	63.6	309	38.8	66.4	311	40.7									
100	61.8	306	38.4	64.6	309	40.2									
105	59.9	303	37.7	62.7	307	39.8									
110	57.9	300	37.0	60.9	304	39.4									
114							67.0	308	39.0						
115	55.9	297	36.4	58.9	301	38.9	66.4	308	38.9						
120	53.9	293	35.9	57.0	298	38.4	64.6	305	38.9						
125	51.8	289	35.4	55.0	294	37.9	62.8	303	38.1						
130	49.7	285	34.9	52.9	290	37.5	60.9	300	36.2						
135	47.4	280	34.2	50.8	286	37.2	59.0	297	34.4						
140	45.1	275	33.5	48.6	282	36.6	57.5	295	32.7						
145	43.3	271	21.7	46.4	277	35.7	55.5	291	31.3						
150	40.8	266	20.3	44.0	272	34.1	53.4	287	29.9						
155	38.2	259	18.9	42.1	268	22.8	51.3	284	28.6						
160	35.4	253	17.7	39.6	262	21.0	49.2	279	27.4						
164										57.0	285	21.7			
165	32.4	245	17.1	36.9	256	19.4	46.9	275	26.2	57.0	285	21.5			
170	29.1	236	16.5	34.0	248	18.5	44.6	270	25.1	55.1	282	20.6			
175	25.4	226	15.9	30.9	240	17.8	42.2	264	24.1	53.0	278	19.8			
180	21.1	214	15.4	27.4	231	17.1	39.6	258	23.2	50.9	274	18.9			
185				23.4	220	16.4	36.9	252	22.3	48.7	270	18.2			
190				18.7	207	15.8	34.0	245	21.4	46.5	265	17.4			
195							30.9	237	20.6	44.1	260	16.7			
200							27.5	227	19.8	41.7	254	16.1			
205							23.5	216	19.1	39.1	248	15.5			
210										36.4	242	14.9			
215										33.4	234	14.3			
220										30.3	226	13.7			
225										26.7	217	13.2			
230										22.7	205	12.7			
235										17.7	191	12.2			
250													37.0	214	5.7
250													37.0	214	5.7
255													34.5	208	5.4
260													31.4	200	5.1
265													28.0	191	4.9
270													24.1	180	4.6
275													19.6	167	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	35.8									
105	61.6	314	34.6	64.3	318	35.3									
110	59.8	311	34.1	62.6	315	35.0									
115	58.0	308	33.7	60.8	312	34.6									
117							67.0	317	34.3						
120	56.1	305	33.3	59.0	309	34.1	66.1	316	34.3						
125	54.7	302	28.3	57.1	306	33.7	64.4	314	34.3						
130	52.7	299	27.5	55.2	303	33.3	62.6	311	34.1						
135	50.7	295	26.8	53.8	300	29.1	60.8	308	33.7						
140	48.6	290	25.1	51.8	296	28.6	59.4	306	31.1						
145	46.5	286	23.4	49.7	292	27.1	57.6	303	30.7						
150	44.3	280	21.7	47.6	287	25.2	55.7	300	29.6						
155	42.0	275	20.2	45.5	282	23.5	53.8	296	28.3						
160	39.6	269	18.7	43.2	277	21.8	51.8	292	27.1						
165	37.0	263	17.5	40.9	272	20.2	49.8	288	26.0						
169										57.0	293	20.4			
170	34.3	255	16.5	38.4	265	18.8	47.7	283	24.9	57.0	293	20.2			
175	31.4	247	16.1	35.7	259	17.6	45.5	279	23.9	55.3	290	19.5			
180	28.1	238	15.7	32.9	251	17.1	43.3	273	22.9	53.4	287	18.7			
185	24.5	228	15.2	29.9	243	16.5	40.9	268	22.0	51.4	283	17.9			
190	20.3	216	14.8	26.5	233	16.0	38.4	262	21.2	49.4	278	17.1			
195				22.7	222	15.4	35.8	255	20.3	47.3	274	16.5			
200				18.0	208	14.8	33.0	247	19.6	45.1	269	15.8			
205							29.9	239	18.8	42.8	264	15.2			
210							26.6	229	18.1	40.4	258	14.6			
215							22.7	218	17.5	37.9	252	14.0			
220										35.3	245	13.5			
225										32.4	237	12.9			
230										29.3	228	12.4			
235										25.9	219	12.0			
240										21.9	207	11.5			
245										17.1	192	11.0			
257													37.0	220	4.9
260													36.2	218	4.8
265													33.4	210	4.6
270													30.4	202	4.3
275													27.1	193	4.0
280													23.3	182	3.8
285													18.9	168	3.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	27.5									
121							67.0	326	27.5						
125	56.7	314	25.6	59.4	319	27.0	66.1	325	27.5						
130	54.9	311	25.0	57.7	315	26.5	64.5	323	27.5						
135	53.1	307	24.5	55.9	312	26.0	62.8	320	27.3						
140	51.2	303	24.1	54.1	308	25.6	61.1	318	27.0						
145	49.2	299	23.1	52.2	305	25.2	59.4	315	26.8						
150	47.2	294	21.9	50.3	300	24.5	57.7	312	26.6						
155	45.2	289	20.8	48.3	296	23.3	55.9	308	26.2						
160	43.0	284	19.7	46.3	291	22.2	54.1	305	25.8						
165	40.8	278	18.7	44.2	286	21.1	52.2	301	25.5						
170	38.4	272	17.8	42.0	281	20.1	50.3	297	24.5						
175										57.0	302	19.0			
175	35.9	266	17.0	39.7	275	19.1	48.3	292	23.5	57.0	302	18.9			
180	33.3	258	16.3	37.3	268	18.3	46.3	288	22.5	55.6	299	18.2			
185	30.4	250	15.7	34.7	261	17.5	44.2	282	21.6	53.7	295	17.5			
190	27.3	241	15.1	32.0	254	16.8	42.0	277	20.8	51.8	291	16.7			
195	23.8	230	14.5	29.0	245	16.0	39.7	271	20.0	49.9	287	16.0			
200	19.6	217	13.9	25.7	235	15.3	37.3	265	19.2	47.9	283	15.4			
205				21.9	223	14.5	34.7	258	18.5	45.9	278	14.8			
210							32.0	250	17.8	43.8	273	14.2			
215							29.0	241	17.1	41.6	267	13.6			
220							25.7	231	16.5	39.2	261	13.1			
225							22.0	220	15.9	36.8	255	12.6			
230										34.2	247	12.1			
235										31.4	239	11.6			
240										28.4	231	11.1			
245										25.0	220	10.7			
250										21.2	208	10.3			
255										16.4	193	9.8			
265													37.0	226	4.1
270													35.1	221	3.9
275													32.4	213	3.6
280													29.5	205	3.4
285													26.3	195	3.1
290													22.6	183	2.9
295													18.2	170	2.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.6	65.8	334	23.9						
135	55.1	319	22.3	57.7	324	23.3	64.3	331	23.9						
140	53.4	316	22.0	56.1	321	23.0	62.7	329	23.7						
145	51.6	312	21.7	54.3	317	22.7	61.1	326	23.5						
150	49.8	308	21.2	52.6	313	22.5	59.4	323	23.3						
155	47.9	303	20.4	50.7	309	22.1	57.8	320	23.1						
160	45.9	298	19.7	48.9	305	21.5	56.1	317	22.9						
165	43.9	293	19.1	47.0	300	20.8	54.4	313	22.6						
170	41.8	288	18.4	45.0	295	20.2	52.6	309	22.4						
175	39.6	282	17.8	42.9	290	19.6	50.8	305	22.2						
180	37.3	275	17.3	40.8	284	19.1	48.9	301	22.0						
180										57.0	310	17.6			
185	34.9	268	16.8	38.6	278	18.6	47.0	296	21.3	55.7	307	17.0			
190	32.3	261	16.1	36.2	271	18.1	45.0	291	20.4	54.0	304	16.3			
195	29.5	252	15.3	33.7	264	17.3	43.0	286	19.6	52.2	300	15.6			
200	26.5	243	14.6	31.0	256	16.4	40.8	280	18.9	50.4	296	15.0			
205	23.0	231	13.8	28.1	247	15.6	38.6	274	18.2	48.5	291	14.3			
210	19.0	218	13.1	24.9	237	14.7	36.3	268	17.5	46.6	287	13.8			
215				21.2	225	13.8	33.8	260	16.8	44.6	282	13.2			
220							31.1	252	16.2	42.6	276	12.7			
225							28.2	243	15.6	40.4	271	12.2			
230							25.0	233	15.0	38.2	264	11.7			
235							21.3	221	14.4	35.8	258	11.2			
240										33.3	250	10.7			
245										30.5	242	10.3			
250										27.6	233	9.9			
255										24.3	222	9.5			
260										20.5	210	9.1			
265										15.8	194	8.7			
273													37.0	232	3.2
275													36.6	231	3.2
280													34.1	224	2.9
285													31.5	216	2.7
290													28.6	207	2.5
295													25.5	197	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>66 ft luffing jib</b> <b>152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	128.3												
44				75.0	226	128.3									
45	66.2	223	128.3	73.8	225	128.3									
50	61.2	220	128.3	69.2	223	128.3									
55	56.0	217	125.8	64.4	221	126.8									
60	50.4	213	117.7	59.3	218	113.4									
65	44.3	208	106.4	54.0	215	102.5									
70	37.3	202	96.9	48.2	210	93.4									
74							67.0	218	78.7						
75	28.9	193	88.9	41.8	205	85.7	65.8	218	77.1						
80				34.4	198	79.1	60.8	215	71.1						
85				25.1	189	73.3	55.5	211	66.0						
90							49.9	207	61.5						
95							43.7	202	57.5						
100							36.7	196	54.0						
105							28.1	188	50.8						
109										57.0	203	41.7			
110										56.2	203	41.3			
115										50.6	199	39.1			
120										44.5	194	37.0			
125										37.6	188	35.2			
130										29.3	179	33.4			
170													37.0	156	16.3
175													30.6	150	15.6
180													19.4	138	14.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	128.3												
45	69.5	233	128.3												
46				75.0	235	128.3									
50	65.3	231	127.5	72.0	234	128.3									
55	61.0	228	126.2	67.9	232	126.5									
60	56.5	225	117.6	63.7	229	113.2									
65	51.7	221	106.2	59.3	227	102.3									
70	46.5	217	95.8	54.7	223	93.2									
75	40.8	211	88.8	49.8	219	85.5									
78							67.0	227	73.5						
80	34.4	204	82.0	44.5	214	78.9	64.9	226	70.7						
85	26.5	195	76.0	38.6	208	73.2	60.6	223	65.6						
90				31.7	201	68.2	56.1	220	61.2						
95				22.9	190	63.7	51.3	216	57.2						
100							46.1	211	53.7						
105							40.3	206	50.5						
110							33.8	199	47.7						
115										57.0	211	38.8			
115							25.7	189	45.0	56.7	211	38.6			
120										51.9	207	36.6			
125										46.7	203	34.8			
130										41.1	197	33.1			
135										36.3	192	31.5			
140										28.9	184	30.1			
178													37.0	162	14.7
180													35.6	160	14.5
185													28.1	152	13.9
190													17.6	139	13.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>85 ft luffing jib</b> <b>152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	123.4												
45	71.9	244	121.6												
49				75.0	245	122.5									
50	68.3	242	119.2	74.2	244	122.5									
55	64.6	240	115.7	70.6	243	121.6									
60	60.8	237	112.7	67.0	240	112.8									
65	56.8	234	106.0	63.2	238	102.0									
70	52.6	230	96.6	59.3	235	92.9									
75	48.2	226	88.7	55.3	232	85.2									
80	43.4	221	81.8	51.0	228	78.7									
81							67.0	236	68.8						
85	38.1	214	75.9	46.4	223	73.0	64.3	235	65.2						
90	32.0	207	70.7	41.5	218	68.0	60.5	232	60.7						
95	24.5	197	66.1	35.9	211	63.6	56.5	229	56.8						
100				29.4	203	59.7	52.3	225	53.3						
105				23.3	195	32.4	47.8	220	50.2						
110							42.9	215	47.4						
115							37.6	209	44.8						
120							31.4	201	42.4	57.0	220	36.2			
125							23.8	191	40.3	52.8	216	34.3			
130										49.4	213	32.7			
135										44.7	208	31.1			
140										39.6	202	29.7			
145										33.8	195	28.3			
150										26.8	186	27.1			
186													37.0	168	13.3
190													33.2	163	12.9
195													26.0	154	12.4
200													16.0	139	11.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 95 ft luffing jib 152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	110.0												
50	70.7	253	108.0												
51				75.0	254	110.0									
55	67.4	251	105.8	72.7	253	109.8									
60	64.1	248	102.9	69.5	251	108.5									
65	60.7	245	100.5	66.2	249	101.8									
70	57.1	242	93.8	62.8	246	92.7									
75	53.4	239	88.6	59.4	244	85.1									
80	49.4	234	81.7	55.7	240	78.5									
85	45.3	230	75.8	51.9	236	72.9									
85							67.0	245	64.7						
90	40.7	224	70.7	47.9	232	67.9	63.8	243	60.5						
95	35.7	217	66.1	43.6	227	63.5	60.4	240	56.6						
100	30.0	209	58.2	39.0	221	59.6	56.8	237	53.1						
105	22.9	199	54.4	33.7	214	56.1	53.1	233	50.0						
110				27.6	205	52.9	49.1	229	47.2						
115				21.7	196	29.9	44.9	224	44.6						
120							40.3	219	42.3						
125							35.3	212	40.2						
125										57.0	228	33.9			
130							29.4	203	38.2	54.4	225	32.4			
135							22.2	193	36.4	50.6	221	30.9			
140										46.5	217	29.5			
145										42.0	211	28.1			
150										37.2	205	26.9			
155										31.7	197	25.7			
160										25.0	188	24.6			
194													37.0	174	12.2
195													36.7	173	12.1
200													31.1	165	11.6
205													24.3	155	11.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	95.9												
54				75.0	264	97.5									
55	69.7	261	94.5	74.4	263	97.4									
60	66.7	259	92.1	71.5	262	96.4									
65	63.7	257	89.6	68.6	260	95.3									
70	60.5	254	87.5	65.6	257	92.4									
75	57.3	251	84.3	62.5	255	84.8									
80	54.0	247	81.5	59.4	252	78.2									
85	50.5	243	75.6	56.1	249	72.6									
89							67.0	254	60.8						
90	46.8	239	70.5	52.7	245	67.6	66.5	254	60.1						
95	42.8	233	65.9	49.1	241	63.2	63.4	252	56.2						
100	38.5	227	56.3	45.3	236	59.4	60.3	249	52.7						
105	33.7	220	53.8	41.3	230	55.9	57.1	246	49.6						
110	28.3	211	50.7	36.8	224	52.7	53.7	242	46.8						
115	21.5	200	47.5	31.8	216	49.9	50.2	238	44.3						
120				25.9	207	47.3	46.4	233	41.9						
125							42.5	228	39.8						
130							38.1	222	37.9						
131										57.0	236	31.4			
135							33.3	214	36.1	54.9	234	30.4			
140							27.8	206	34.4	51.5	230	29.0			
145							22.6	197	32.1	47.8	226	27.7			
150										43.9	221	26.5			
155										39.7	215	25.4			
160										35.1	208	24.3			
165										29.9	200	23.3			
170										23.5	189	22.3			
201													37.0	180	10.9
205													34.6	176	10.7
210													29.3	168	10.3
215													22.8	157	9.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	85.5												
57				75.0	273	87.0									
60	68.8	270	84.2	73.2	272	86.9									
65	66.1	268	82.0	70.5	270	86.4									
70	63.3	265	80.1	67.8	268	85.2									
75	60.5	262	78.3	65.1	266	83.4									
80	57.5	259	75.8	62.3	263	77.9									
85	54.5	256	73.6	59.4	260	72.2									
90	51.3	252	70.2	56.4	257	67.3									
93							67.0	263	57.3						
95	48.0	247	65.7	53.3	254	62.9	65.9	262	55.7						
100	44.4	242	57.2	50.1	249	59.1	63.1	260	52.3						
105	40.7	237	53.8	46.7	245	55.6	60.2	257	49.2						
110	36.6	230	50.9	43.1	240	52.5	57.3	254	46.4						
115	32.0	223	48.2	39.2	234	49.6	54.2	250	43.9						
120	26.8	213	45.5	35.0	227	47.0	51.0	246	41.6						
125	20.2	201	42.6	30.2	219	44.7	47.7	242	39.5						
130				24.5	208	42.5	44.1	237	37.5						
135							40.3	231	35.8						
136										57.0	244	29.3			
140							36.2	225	34.1	55.3	242	28.6			
145							32.7	219	32.1	52.2	239	27.3			
150							27.6	210	31.0	48.9	234	26.1			
155							21.3	198	29.8	45.4	230	24.9			
160										41.7	224	23.9			
165										37.8	218	22.9			
170										33.3	211	21.9			
175										28.3	202	21.0			
180										22.2	191	20.2			
209													37.0	185	9.8
210													37.0	185	9.8
215													32.9	179	9.4
220													27.8	170	9.0
225													21.5	158	8.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	77.3									
60	70.6	280	75.1	74.5	282	77.3									
65	68.1	278	73.8	72.1	281	77.1									
70	65.6	276	72.1	69.7	279	76.3									
75	63.0	274	70.6	67.2	277	75.3									
80	60.4	271	69.2	64.6	274	73.8									
85	57.7	268	67.3	62.0	272	72.0									
90	54.9	264	65.6	59.4	269	67.1									
95	52.0	260	58.1	56.6	266	62.7									
97							67.0	273	54.2						
100	49.0	256	55.8	53.8	262	58.9	65.4	271	52.0						
105	45.8	251	52.8	50.9	258	55.4	62.8	268	48.9						
110	42.4	246	49.9	47.8	254	52.3	60.2	266	46.1						
115	38.8	240	47.4	44.6	249	49.4	57.4	263	43.6						
120	34.9	233	45.3	41.1	243	46.9	54.6	259	41.3						
125	30.5	225	42.9	37.4	237	44.5	51.7	255	39.2						
130	25.4	215	40.4	33.3	229	42.4	48.7	251	37.3						
135	20.8	206	20.7	28.7	221	40.4	45.5	246	35.5						
140				23.3	210	38.5	42.1	241	33.9						
141															
145							39.4	236	32.4	57.0	253	27.6			
150							35.5	229	31.0	55.7	251	27.0			
155							31.2	221	29.7	52.8	247	25.8			
160							26.3	212	28.4	49.8	243	24.7			
165							20.2	200	27.3	46.7	238	23.6			
170										43.4	233	22.6			
175										39.8	227	21.7			
180										36.0	221	20.8			
185										31.8	213	20.0			
190										26.9	204	19.2			
190										21.1	192	18.4			
217													37.0	191	8.8
220													35.6	189	8.7
225													31.3	181	8.3
230													26.4	172	8.0
235													20.4	160	7.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	69.1									
65	69.8	289	66.8	73.5	291	69.0									
70	67.5	287	65.5	71.2	289	68.7									
75	65.1	285	60.5	68.9	288	67.8									
80	62.8	282	59.2	66.6	285	66.7									
85	60.3	279	57.7	64.3	283	65.5									
90	57.8	276	55.8	61.9	280	61.3									
95	55.2	273	54.1	59.4	277	59.8									
100	52.6	269	52.6	56.9	274	58.3									
101							67.0	282	51.1						
105	49.8	265	51.2	54.2	271	55.1	64.9	280	48.5						
110	46.9	260	48.6	51.5	267	52.0	62.6	277	45.7						
115	43.9	255	46.2	48.7	262	49.1	60.1	274	43.2						
120	40.6	249	44.1	45.8	258	46.6	57.6	271	40.9						
125	37.2	243	42.1	42.7	252	44.2	55.0	268	38.8						
130	33.4	236	40.4	39.4	246	42.1	52.3	264	36.9						
135	29.2	227	38.3	35.8	240	40.1	49.6	260	35.2						
140	24.3	217	36.1	31.9	232	38.3	46.6	255	33.5						
145	19.7	207	19.1	27.5	223	36.5	44.3	251	31.9						
147										57.0	261	25.8			
150				22.2	212	34.9	41.1	245	30.7	55.9	259	25.3			
155							37.7	239	29.4	53.3	256	24.2			
160							34.0	232	28.1	50.6	252	23.2			
165							29.8	224	27.0	47.7	247	22.2			
170							25.1	214	25.9	44.7	242	21.3			
175							19.2	201	24.8	41.5	237	20.4			
180										38.1	231	19.6			
185										34.5	224	18.8			
190										30.4	215	18.1			
195										25.7	206	17.4			
200										20.0	193	16.7			
225													37.0	197	7.8
230													34.1	192	7.5
235													30.0	183	7.2
240													25.2	173	6.8
245													19.4	161	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	58.3									
75	67.0	296	54.6	70.4	298	57.8									
80	64.8	293	53.3	68.3	296	56.8									
85	62.5	291	52.3	66.1	294	55.7									
90	60.3	288	51.1	63.9	291	54.6									
95	57.9	285	49.6	61.7	289	53.7									
100	55.5	281	48.2	59.4	286	52.5									
105							67.0	291	48.3						
105	53.1	278	47.0	57.0	283	51.3	66.8	290	48.0						
110	50.5	274	46.0	54.6	279	50.2	64.6	288	45.3						
115	47.8	269	44.1	52.1	275	48.8	62.3	285	42.8						
120	45.1	264	42.1	49.5	271	46.3	60.1	283	40.5						
125	42.1	259	40.3	46.8	267	43.9	57.7	279	38.4						
130	39.0	253	38.7	44.0	261	41.8	55.3	276	36.5						
135	35.7	246	37.3	41.0	256	39.8	52.8	272	34.8						
140	32.0	238	35.6	37.8	250	38.0	50.3	268	33.1						
145	28.0	229	33.8	34.4	243	36.3	48.2	265	31.7						
150	24.4	221	18.3	30.6	234	34.7	45.5	260	30.3						
152										57.0	269	24.1			
155	18.8	208	17.5	26.3	225	33.2	42.6	255	29.0	56.2	268	23.8			
160				22.5	216	19.0	39.5	249	27.8	53.7	264	22.7			
165							36.2	242	26.6	51.2	260	21.8			
170							32.6	235	25.5	48.6	256	20.8			
175							28.6	226	24.5	45.8	251	20.0			
180							24.0	215	23.5	43.0	246	19.2			
185							18.3	202	22.3	39.9	240	18.4			
190										36.6	234	17.7			
195										33.1	226	17.0			
200										29.2	218	16.3			
205										24.6	207	15.7			
233													37.0	203	6.8
235													36.3	202	6.7
240													32.7	194	6.4
245													28.8	186	6.1
250													24.2	175	5.8
255													18.5	162	5.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	52.0									
80	66.5	304	48.4	69.8	307	51.2									
85	64.4	302	47.4	67.8	305	50.6									
90	62.3	299	46.6	65.7	302	49.7									
95	60.2	296	45.6	63.7	300	48.9									
100	58.0	293	44.3	61.6	297	48.2									
105	55.8	290	43.2	59.4	294	47.2									
108							67.0	300	45.9						
110	53.5	286	42.2	57.2	291	46.2	66.3	299	45.0						
115	51.1	282	41.3	54.9	288	45.4	64.3	297	42.5						
120	48.6	278	40.1	52.6	284	44.6	62.2	294	40.2						
125	46.1	273	38.7	50.2	280	43.7	60.0	291	38.1						
130	43.4	268	37.3	47.7	275	41.6	57.8	288	36.2						
135	40.6	262	36.1	45.1	270	39.6	55.6	285	34.5						
140	37.6	256	34.9	42.4	265	37.8	53.8	282	32.9						
145	34.4	249	33.9	39.5	259	36.1	51.5	278	31.4						
150	31.7	243	18.2	36.4	253	34.5	49.0	274	30.0						
155	27.9	234	17.5	33.9	247	20.1	46.5	269	28.7						
158										57.0	277	22.7			
160	23.4	223	16.7	30.3	239	19.3	43.8	264	27.5	56.4	277	22.4			
165				26.3	229	18.5	41.0	258	26.4	54.1	273	21.5			
170				21.6	217	17.6	38.1	252	25.3	51.8	269	20.6			
175							34.9	245	24.3	49.3	265	19.7			
180							31.4	237	23.3	46.8	260	18.9			
185							27.5	228	22.4	44.2	255	18.1			
190							23.0	217	21.6	41.4	250	17.4			
195										38.4	243	16.7			
200										35.3	237	16.1			
205										31.9	229	15.5			
210										28.0	220	14.9			
215										23.6	209	14.3			
241													37.0	209	6.0
245													35.0	205	5.8
250													31.5	197	5.5
255													27.6	188	5.2
260													23.2	177	4.9
265													17.6	163	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 164 ft luffing jib 152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	45.0									
90	64.1	310	41.6	67.3	313	44.5									
95	62.2	308	41.0	65.4	311	43.8									
100	60.2	305	40.1	63.4	308	43.2									
105	58.1	302	39.0	61.4	306	42.8									
110	56.0	298	38.1	59.4	303	42.0									
112							67.0	309	43.3						
115	53.9	295	37.3	57.3	300	41.2	65.9	307	42.1						
120	51.6	291	36.6	55.2	296	40.5	64.0	305	39.8						
125	49.3	287	35.8	53.0	293	39.9	62.0	302	37.7						
130	47.0	282	34.8	50.8	289	39.4	60.0	300	35.8						
135	44.5	277	33.9	48.5	284	38.7	57.9	296	34.1						
140	41.9	272	33.1	46.1	279	37.4	56.3	294	32.5						
145	39.8	267	19.7	43.6	274	35.8	54.2	290	31.0						
150	37.0	260	18.3	40.9	269	34.2	52.0	286	29.7						
155	33.9	253	17.2	38.8	264	21.1	49.7	282	28.4						
160	30.6	245	16.6	35.9	257	19.5	47.3	278	27.2						
163										57.0	286	21.2			
165	26.8	236	15.9	32.7	250	18.7	44.9	273	26.0	56.6	285	21.0			
170	22.5	224	15.2	29.2	241	17.9	42.3	267	25.0	54.5	281	20.1			
175				25.3	231	17.1	39.6	262	24.0	52.3	278	19.3			
180				20.7	219	16.3	36.7	255	23.0	50.0	274	18.5			
185							33.7	248	22.1	47.6	269	17.7			
190							30.3	239	21.3	45.2	264	17.0			
195							26.5	230	20.4	42.7	259	16.3			
200							22.1	218	19.7	40.0	253	15.7			
205										37.1	247	15.1			
210										34.1	239	14.5			
215										30.7	231	13.9			
220										27.0	222	13.4			
225										22.7	211	12.9			
249													37.0	215	5.1
250													36.8	215	5.1
255													33.8	207	4.8
260													30.4	199	4.5
265													26.6	190	4.2
270													22.3	178	4.0
275													16.9	164	3.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	40.0									
95	63.9	319	37.4	66.9	322	39.6									
100	62.0	316	36.9	65.0	319	39.0									
105	60.1	313	36.2	63.2	317	38.6									
110	58.2	310	35.4	61.3	314	38.2									
115	56.2	307	34.7	59.4	311	37.6									
116							67.0	318	38.4						
120	54.2	303	34.0	57.5	308	37.0	65.6	316	38.4						
125	52.1	299	33.5	55.5	305	36.5	63.7	314	37.3						
130	50.5	296	26.7	53.4	301	36.0	61.9	311	35.4						
135	48.3	292	24.7	51.3	297	35.6	60.0	308	33.7						
140	46.0	287	22.9	49.2	293	35.1	58.5	306	32.1						
145	43.6	282	21.1	46.9	288	34.5	56.5	302	30.7						
150	41.2	276	19.5	44.6	283	33.9	54.5	299	29.3						
155	38.5	270	18.0	42.7	279	22.3	52.4	295	28.0						
160	35.8	263	16.7	40.2	273	20.6	50.3	291	26.8						
165	32.8	256	16.0	37.5	267	19.0	48.1	287	25.6						
168										57.0	294	19.8			
170	29.5	247	15.5	34.7	260	17.8	45.8	282	24.6	56.8	294	19.7			
175	25.9	238	15.0	31.6	252	17.1	43.4	277	23.6	54.8	290	18.8			
180	21.7	226	14.5	28.3	243	16.5	40.9	271	22.6	52.7	286	18.0			
185				24.5	233	15.8	38.3	265	21.8	50.6	282	17.3			
190				20.0	220	15.1	35.5	258	20.9	48.4	278	16.6			
195							32.5	250	20.1	46.1	273	15.9			
200							29.3	242	19.4	43.7	268	15.3			
205							25.6	232	18.6	41.3	262	14.7			
210							21.3	220	17.9	38.7	256	14.1			
215										35.9	249	13.5			
220										32.9	242	13.0			
225										29.7	234	12.5			
230										26.1	224	12.0			
235										21.9	212	11.5			
256													37.0	221	4.2
260													35.6	218	4.1
265													32.6	210	3.8
270													29.4	201	3.6
275													25.7	192	3.3
280													21.5	180	3.1
285													16.2	164	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	34.7									
105	62.3	325	31.1	64.7	328	34.3									
110	60.5	322	30.3	63.0	325	34.0									
115	58.7	319	29.2	61.2	323	33.7									
120							67.0	327	33.6						
120	56.8	316	28.2	59.4	320	33.2	67.0	327	33.6						
125	54.9	313	27.3	58.0	317	29.5	65.2	325	33.6						
130	53.0	309	26.5	56.1	314	28.7	63.5	322	33.6						
135	51.0	305	25.8	54.2	311	28.1	61.7	319	33.2						
140	48.9	301	24.2	52.3	307	27.5	60.4	317	30.4						
145	46.8	296	22.4	50.2	303	26.4	58.5	314	30.0						
150	44.6	291	20.7	48.2	298	24.6	56.7	311	29.0						
155	42.3	286	19.2	46.0	293	22.8	54.8	307	27.7						
160	39.9	280	17.7	43.8	288	21.2	52.8	304	26.5						
165	37.4	273	16.4	41.4	283	19.7	50.8	300	25.4						
170	34.7	266	15.4	39.0	277	18.3	48.8	295	24.3						
174										57.0	302	18.5			
175										56.9	302	18.5			
180	31.8	258	15.0	36.4	270	17.0	46.6	291	23.3	56.9	302	18.5			
180	28.6	250	14.6	33.6	263	16.3	44.4	286	22.4	55.0	299	17.7			
185	25.1	239	14.2	30.6	255	15.7	42.1	280	21.5	53.1	295	17.0			
190	21.0	227	13.8	27.3	245	15.1	39.7	274	20.7	51.1	291	16.3			
195				23.6	234	14.5	37.1	268	19.9	49.0	287	15.6			
200				19.2	221	13.9	34.4	261	19.1	46.9	282	15.0			
205							31.5	253	18.4	44.7	277	14.4			
210							28.3	244	17.7	42.4	272	13.8			
215							24.8	234	17.0	40.0	266	13.2			
220							20.6	221	16.4	37.5	259	12.7			
225										34.8	252	12.2			
230										31.9	245	11.7			
235										28.8	236	11.3			
240										25.2	226	10.8			
245										21.2	214	10.4			
264													37.0	227	3.5
265													37.0	227	3.5
270													34.5	220	3.3
275													31.6	213	3.0
280													28.4	204	2.8
285													24.9	193	2.6
290													20.7	181	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.8									
120	58.7	328	25.9	61.5	332	27.5									
124							67.0	336	27.3						
125							67.0	336	27.3						
130	57.0	325	25.1	59.8	329	26.8	67.0	336	27.3						
135	55.2	321	24.3	58.1	326	26.1	65.3	334	27.2						
140	53.3	318	23.7	56.3	323	25.5	63.7	331	27.2						
145	51.4	314	23.1	54.5	319	25.0	62.0	329	26.9						
145	49.5	309	22.2	52.6	315	24.5	60.3	326	26.7						
150	47.5	305	21.0	50.7	311	23.9	58.6	323	26.4						
155	45.4	300	19.9	48.8	307	22.7	56.8	319	26.1						
160	43.3	295	18.8	46.8	302	21.6	55.0	316	25.7						
165	41.1	289	17.8	44.7	297	20.5	53.2	312	25.0						
170	38.7	283	16.9	42.5	292	19.4	51.3	308	23.9						
175	36.3	276	16.1	40.2	286	18.5	49.3	304	22.9						
179										57.0	310	17.4			
180	33.6	269	15.4	37.8	280	17.6	47.3	299	22.0	57.0	310	17.3			
185	30.8	261	14.9	35.3	273	16.9	45.3	295	21.1	55.2	307	16.5			
190	27.7	252	14.3	32.6	265	16.2	43.1	289	20.3	53.4	303	15.8			
195	24.3	241	13.8	29.7	257	15.6	40.9	284	19.5	51.5	299	15.2			
200	20.3	229	13.2	26.5	247	14.9	38.5	278	18.8	49.6	295	14.5			
205				22.9	236	14.2	36.1	271	18.0	47.6	291	13.9			
210				18.6	222	13.6	33.4	263	17.4	45.5	286	13.4			
215							30.6	255	16.7	43.4	281	12.8			
220							27.5	246	16.1	41.2	275	12.3			
225							24.0	235	15.5	38.8	269	11.8			
230							19.9	222	14.9	36.4	262	11.3			
235										33.8	255	10.9			
240										31.0	247	10.4			
245										27.9	238	10.0			
250										24.4	227	9.6			
255										20.5	215	9.2			
272													37.0	233	2.5
275													36.1	230	2.4
280													33.5	223	2.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	23.4						
130							66.6	344	23.4						
135	57.1	333	21.9	59.8	337	23.3	66.6	344	23.4						
135	55.4	330	21.4	58.1	334	22.7	65.1	342	23.4						
140	53.6	326	20.9	56.5	331	22.3	63.5	340	23.4						
145	51.9	322	20.4	54.7	328	21.8	61.9	337	23.1						
150	50.0	318	19.9	53.0	324	21.4	60.3	334	23.0						
155	48.1	314	19.3	51.2	320	21.1	58.6	331	22.8						
160	46.2	309	18.7	49.3	316	20.5	56.9	328	22.6						
165	44.2	304	18.1	47.4	311	19.9	55.2	324	22.3						
170	42.1	298	17.5	45.5	306	19.3	53.5	321	22.0						
175	39.9	292	17.0	43.4	301	18.8	51.7	317	21.8						
180	37.7	286	16.5	41.3	295	18.3	49.9	313	21.6						
184										57.0	319	16.1			
185	35.3	279	16.0	39.1	289	17.8	48.0	308	20.8	57.0	319	16.0			
190	32.7	272	15.4	36.8	283	17.4	46.0	304	19.9	55.5	316	15.4			
195	29.9	263	14.7	34.3	276	16.8	44.0	298	19.1	53.7	312	14.7			
200	26.9	254	14.0	31.7	268	16.1	41.9	293	18.4	51.9	308	14.1			
205	23.5	243	13.3	28.9	259	15.4	39.8	287	17.7	50.1	304	13.5			
210	19.6	230	12.6	25.7	249	14.7	37.5	281	17.0	48.2	300	13.0			
215				22.2	238	13.9	35.1	274	16.4	46.3	295	12.4			
220							32.5	266	15.7	44.3	290	11.9			
225							29.7	258	15.2	42.2	284	11.4			
230							26.7	248	14.6	40.0	278	10.9			
235							23.2	237	14.0	37.8	272	10.5			
240							19.2	224	13.5	35.4	265	10.1			
245										32.8	258	9.6			
250										30.1	249	9.2			
255										27.1	240	8.8			
260										23.7	229	8.5			
265										19.8	216	8.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	128.3												
45				75.0	234	128.3									
45	66.8	232	128.3	74.8	234	128.3									
50	61.8	229	128.2	70.2	233	128.3									
55	56.6	226	122.7	65.4	230	126.2									
60	51.1	222	117.4	60.4	228	112.9									
65	45.1	217	106.1	55.2	224	102.0									
70	38.2	211	96.7	49.5	220	92.9									
75	30.0	203	88.7	43.3	215	85.3									
76							67.0	227	74.8						
80	21.8	195	33.0	36.1	208	78.7	63.1	225	70.2						
85				27.4	200	73.0	58.0	222	65.1						
90							52.5	218	60.7						
95							46.6	213	56.8						
100							40.0	208	53.3						
105							32.3	200	50.1						
110							22.1	190	47.2						
113										57.0	211	38.9			
115										54.9	210	38.0			
120										49.2	206	36.0			
125										42.9	200	34.2			
130										37.5	196	32.6			
135										29.1	187	31.0			
176													37.0	162	14.2
180													32.8	158	13.9
185													22.8	148	13.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft luffing jib 161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	128.3												
45	70.0	243	127.0												
47				75.0	244	128.2									
50	65.8	240	122.4	72.9	243	128.1									
55	61.5	238	117.8	68.8	241	125.7									
60	57.0	235	111.5	64.6	239	112.6									
65	52.3	231	106.0	60.3	236	101.7									
70	47.2	226	95.5	55.7	233	92.7									
75	41.6	221	88.6	50.9	229	85.1									
80							67.0	236	69.9						
80	35.2	214	81.8	45.7	224	78.5	66.9	236	69.7						
85	27.6	205	75.8	39.9	218	72.8	62.6	233	64.7						
90				33.3	211	67.9	58.2	230	60.3						
95				25.1	202	63.4	53.5	227	56.4						
100							48.5	222	52.9						
105							43.0	217	49.8						
110							36.9	211	47.0						
115							29.7	203	44.4						
118										57.0	219	36.2			
120							20.1	191	42.1	55.5	218	35.6			
125										50.6	214	33.8			
130										46.6	211	32.2			
135										41.0	205	30.6			
140										34.6	198	29.2			
145										26.7	189	27.9			
184													37.0	168	12.9
185													37.0	168	12.8
190													30.2	160	12.3
195													20.7	149	11.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>85 ft luffing jib</b> <b>161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	116.4												
50				75.0	253	117.1									
50	68.8	251	113.7	74.9	253	117.1									
55	65.1	249	109.5	71.4	252	116.6									
60	61.3	246	106.2	67.8	250	112.2									
65	57.3	243	101.1	64.1	247	101.4									
70	53.2	239	95.0	60.2	244	92.4									
75	48.7	235	88.4	56.2	241	84.8									
80	44.0	230	81.6	52.0	237	78.3									
84							67.0	245	65.5						
85	38.7	224	75.7	47.5	233	72.6	66.0	244	64.3						
90	32.8	217	70.6	42.6	228	67.7	62.3	242	59.9						
95	25.6	207	66.0	37.2	221	63.3	58.3	239	56.0						
100				30.9	214	59.4	54.2	235	52.6						
105				23.2	203	55.8	49.9	231	49.5						
110							45.2	226	46.7						
115							40.1	220	44.2						
120							34.4	214	41.8						
124										57.0	228	33.8			
125							27.6	205	39.7	56.0	227	33.3			
130							18.4	192	37.7	52.7	224	31.7			
135										48.3	220	30.2			
140										43.5	214	28.8			
145										38.2	208	27.5			
150										32.1	201	26.3			
155										24.7	191	25.1			
192													37.0	174	11.5
195													34.7	171	11.3
200													28.0	162	10.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 95 ft luffing jib 161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	104.1												
50	71.1	262	101.9												
52				75.0	263	104.1									
55	67.8	260	99.5	73.4	262	104.0									
60	64.5	257	94.9	70.2	260	103.1									
65	61.1	255	93.6	66.9	258	101.2									
70	57.5	251	89.7	63.6	256	92.2									
75	53.8	248	86.5	60.1	253	84.6									
80	49.9	244	81.5	56.5	250	78.1									
85	45.8	239	75.6	52.8	246	72.5									
88							67.0	254	61.7						
90	41.3	234	70.5	48.8	242	67.5	65.4	253	59.6						
95	36.4	227	65.9	44.6	237	63.2	62.0	250	55.8						
100	30.7	219	56.3	40.0	231	59.3	58.5	247	52.3						
105	23.9	209	52.4	34.9	224	55.8	54.8	244	49.2						
110				29.0	216	52.7	50.9	240	46.5						
115				21.6	205	49.8	46.9	235	44.0						
120							42.5	230	41.7						
125							37.7	224	39.6						
129										57.0	236	31.7			
130							32.2	216	37.6	57.0	236	31.4			
135							25.8	207	35.8	53.5	232	30.0			
140							19.4	197	32.4	49.5	228	28.6			
145										45.4	223	27.3			
150										40.9	218	26.1			
155										35.9	211	25.0			
160										30.1	203	23.9			
165										23.1	193	22.9			
200													37.0	180	10.6
200													37.0	180	10.5
205													32.6	174	10.2
210													26.2	164	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>105 ft luffing jib</b> <b>161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	91.8												
55	70.0	270	90.0	75.0	272	93.1									
60	67.1	268	87.9	72.1	271	92.7									
65	64.0	266	85.4	69.2	269	91.8									
70	60.9	263	83.6	66.2	267	90.2									
75	57.7	260	80.4	63.2	264	84.3									
80	54.4	256	77.8	60.1	261	77.8									
85	50.9	252	75.4	56.8	258	72.2									
90	47.2	248	70.3	53.4	255	67.2									
91							67.0	263	58.0						
95	43.3	243	65.7	49.9	250	62.9	64.8	261	55.3						
100	39.1	237	55.7	46.2	246	59.0	61.7	259	51.9						
105	34.4	230	53.0	42.2	240	55.6	58.5	256	48.8						
110	29.0	221	49.6	37.8	234	52.4	55.2	252	46.1						
115	22.4	210	46.2	33.0	227	49.6	51.8	248	43.6						
120				27.3	218	47.0	48.2	244	41.3						
125				22.1	209	25.9	44.3	239	39.2						
130							40.2	233	37.3						
135										57.0	244	29.6			
135							35.6	226	35.5	57.0	244	29.3			
140							30.4	218	33.9	54.1	241	28.1			
145							25.8	211	31.2	50.6	237	26.8			
150							18.1	198	30.2	46.9	232	25.7			
155										42.9	227	24.5			
160										38.6	221	23.5			
165										33.9	214	22.5			
170										28.4	205	21.6			
175										21.7	194	20.7			
208													37.0	186	9.4
210													35.9	184	9.3
215													30.7	176	8.9
220													24.6	166	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.7												
58				75.0	282	82.9									
60	69.2	279	79.3	73.7	281	82.8									
65	66.4	277	77.3	71.1	279	82.3									
70	63.7	274	75.4	68.4	278	81.3									
75	60.8	272	73.9	65.7	275	79.8									
80	57.9	268	71.4	62.9	273	77.5									
85	54.8	265	69.3	60.0	270	71.8									
90	51.7	261	67.6	57.1	267	66.9									
95	48.4	257	65.5	54.0	263	62.6									
95							67.0	272	54.7						
100	44.9	252	55.8	50.8	259	58.7	64.4	270	51.5						
105	41.2	246	52.3	47.4	255	55.3	61.5	267	48.4						
110	37.1	240	49.3	43.9	250	52.2	58.6	264	45.7						
115	32.6	232	46.6	40.1	244	49.3	55.6	261	43.2						
120	27.5	223	43.6	35.9	237	46.8	52.5	257	40.9						
125	21.1	212	40.7	31.3	229	44.4	49.2	253	38.8						
130				25.9	220	42.2	45.8	248	36.9						
135				20.8	210	23.4	42.1	243	35.2						
140										57.0	252	27.6			
140							38.2	236	33.6	57.0	252	27.4			
145							34.9	231	32.1	54.5	250	26.4			
150							30.1	223	30.7	51.4	246	25.2			
155							24.4	213	29.1	48.0	241	24.1			
160							17.0	199	27.5	44.5	236	23.1			
165										40.8	231	22.1			
170										36.7	224	21.2			
175										32.1	217	20.3			
180										26.9	207	19.5			
185										20.4	195	18.7			
216													37.0	192	8.3
220													34.1	187	8.0
225													29.2	178	7.7
230													23.3	168	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 125 ft luffing jib 161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	74.6									
65	68.4	288	70.5	72.6	290	74.4									
70	65.9	285	68.7	70.2	288	73.7									
75	63.3	283	67.3	67.7	286	72.7									
80	60.7	280	66.0	65.2	284	71.4									
85	58.0	277	64.6	62.6	281	70.2									
90	55.2	274	63.0	60.0	278	68.7									
95	52.3	270	61.4	57.2	275	67.2									
99							67.0	281	51.8						
100	49.3	266	60.0	54.4	272	66.5	66.5	281	51.2						
105	46.2	261	58.4	51.5	268	65.0	64.0	278	48.1						
110	42.8	256	56.8	48.5	263	63.4	61.4	276	45.4						
115	39.3	250	55.2	45.3	259	61.8	58.7	273	42.9						
120	35.4	243	53.6	41.9	253	60.2	56.9	269	40.7						
125	31.1	235	52.0	38.2	247	58.6	53.1	266	38.6						
130	26.1	225	50.4	34.3	240	57.0	50.1	261	36.7						
135	20.0	213	48.8	29.8	232	55.4	47.0	257	35.0						
140			47.2	24.6	221	53.8	43.7	252	33.3						
145			45.6	19.7	212	52.2	41.0	247	31.9						
150			44.0			50.6				57.0	261	25.8			
155			42.4			49.0	37.3	241	30.5	54.9	258	24.9			
160			40.8			47.4	33.2	234	29.2	52.1	254	23.8			
165			39.2			45.8	28.6	225	28.0	49.0	250	22.8			
170			37.6			44.2	23.2	214	26.8	45.9	245	21.8			
175			36.0			42.6				42.5	240	20.9			
180			34.4			41.0				38.9	234	20.1			
185			32.8			39.4				35.0	227	19.3			
190			31.2			37.8				30.6	219	18.5			
195			29.6			36.2				25.6	209	17.8			
223			28.0			34.6				19.3	196	17.1			
225			26.4			33.0							37.0	198	7.4
230			24.8			31.4							36.6	197	7.4
235			23.2			29.8							32.5	189	7.1
240			21.6			28.2							27.8	180	6.7
			20.0			26.6							22.1	169	6.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	65.9									
65	70.1	298	60.6	74.0	300	65.9									
70	67.8	296	59.2	71.7	299	65.7									
75	65.4	294	57.6	69.4	297	61.9									
80	63.1	291	56.3	67.1	295	60.9									
85	60.6	289	55.1	64.8	292	59.5									
90	58.1	285	53.2	62.4	290	58.5									
95	55.5	282	51.5	59.9	287	57.1									
100	52.9	278	50.1	57.4	284	55.5									
103							67.0	290	48.9						
105	50.1	274	48.9	54.8	280	54.1	66.0	289	47.7						
110	47.3	270	46.4	52.1	276	51.6	63.7	287	45.0						
115	44.2	265	44.1	49.3	272	48.8	61.2	284	42.5						
120	41.0	259	41.9	46.4	268	46.3	58.8	281	40.2						
125	37.6	253	40.0	43.4	262	44.0	56.2	278	38.2						
130	33.9	246	38.3	40.1	257	41.8	53.6	274	36.3						
135	29.7	237	36.3	36.6	250	39.8	50.8	270	34.6						
140	24.9	227	34.3	32.8	243	38.0	48.7	267	32.4						
145	20.5	218	17.9	28.5	234	36.3	45.7	262	31.4						
150				23.4	223	34.7	42.6	257	30.1						
151										57.0	269	24.1			
155							39.3	251	28.9	55.3	267	23.4			
160							35.7	244	27.6	52.6	263	22.4			
165							31.8	236	26.5	49.9	259	21.4			
170							27.4	227	25.4	47.0	254	20.5			
175							22.1	216	24.2	43.9	249	19.7			
180										40.7	243	18.9			
185										37.3	237	18.1			
190										33.5	230	17.4			
195										29.3	221	16.7			
200										24.4	211	16.1			
205										18.3	198	15.4			
231													37.0	204	6.4
235													35.1	200	6.3
240													31.1	192	6.0
245													26.5	182	5.7
250													21.0	171	5.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 144 ft luffing jib 161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	56.2									
75	67.2	305	52.5	70.9	307	55.8									
80	65.0	302	51.3	68.8	305	55.0									
85	62.8	300	50.2	66.6	303	54.1									
90	60.5	297	49.1	64.4	301	53.0									
95	58.2	294	47.6	62.2	298	52.1									
100	55.8	291	46.2	59.9	295	51.0									
105	53.4	287	45.0	57.6	292	49.6									
107							67.0	299	46.2						
110	50.8	283	44.0	55.1	289	48.4	65.6	298	44.5						
115	48.2	278	42.2	52.7	285	47.4	63.4	295	42.1						
120	45.4	274	40.3	50.1	281	46.0	61.1	292	39.8						
125	42.5	268	38.5	47.4	276	43.6	58.8	290	37.8						
130	39.4	262	36.9	44.6	271	41.5	56.4	286	35.9						
135	36.1	256	35.4	41.7	266	39.5	54.0	283	34.2						
140	32.5	248	33.9	38.5	260	37.7	52.1	280	32.4						
145	29.5	242	18.1	35.2	253	36.0	49.5	275	31.1						
150	25.0	231	17.4	31.5	245	34.5	46.8	271	29.8						
155	19.6	219	16.6	28.3	238	18.2	43.9	266	28.5						
156										57.0	277	22.5			
160				23.6	227	17.5	40.9	260	27.3	55.6	275	21.9			
165							37.8	254	26.2	53.1	271	20.9			
170							34.3	247	25.1	50.6	267	20.1			
175							30.5	239	24.1	47.9	263	19.2			
180							26.2	229	22.9	45.1	258	18.4			
185							21.1	217	21.6	42.2	253	17.7			
190										39.1	247	17.0			
195										35.8	240	16.3			
200										32.1	232	15.7			
205										28.1	223	15.1			
210										23.4	213	14.5			
215										17.4	198	13.9			
239													37.0	209	5.5
240													37.0	209	5.5
245													33.7	203	5.2
250													29.8	194	4.9
255													25.4	184	4.6
260													20.1	172	4.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 154 ft luffing jib 161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.5									
80	66.7	313	46.1	70.2	316	48.9									
85	64.7	311	45.1	68.2	314	48.3									
90	62.6	308	44.2	66.2	312	47.4									
95	60.5	305	43.3	64.1	309	46.5									
100	58.3	302	42.0	62.0	307	45.9									
105	56.1	299	40.8	59.9	304	44.9									
110	53.8	295	39.8	57.7	301	43.8									
111							67.0	308	43.9						
115	51.4	292	39.0	55.4	297	42.8	65.2	306	41.8						
120	49.0	287	37.9	53.1	294	41.9	63.1	304	39.5						
125	46.4	283	36.5	50.7	290	41.2	61.0	301	37.5						
130	43.7	277	35.2	48.3	285	40.1	58.8	298	35.6						
135	40.9	272	34.0	45.7	280	39.0	56.6	295	33.9						
140	38.7	267	19.2	43.0	275	37.5	54.9	292	32.4						
145	35.5	260	17.8	40.1	269	35.8	52.6	288	30.9						
150	32.1	253	17.1	37.1	263	34.3	50.2	284	29.5						
155	28.4	244	16.4	34.6	257	18.8	47.7	280	28.2						
160	24.0	233	15.7	31.1	249	18.1	45.1	275	27.0						
161										57.0	285	21.1			
165	18.7	220	15.0	27.2	240	17.3	42.3	269	25.9	55.8	284	20.6			
170				22.7	229	16.5	39.4	263	24.9	53.5	280	19.8			
175							36.4	257	23.9	51.2	276	18.9			
180							33.0	249	22.9	48.7	272	18.2			
185							29.4	241	22.0	46.2	267	17.4			
190							25.2	231	21.2	43.5	262	16.7			
195							20.2	218	20.2	40.7	256	16.1			
200										37.7	250	15.4			
205										34.5	243	14.8			
210										30.9	235	14.2			
215										27.0	225	13.7			
220										22.4	214	13.2			
247													37.0	215	4.7
250													35.8	213	4.6
255													32.4	205	4.4
260													28.7	196	4.1
265													24.4	186	3.9
270													19.2	173	3.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 164 ft luffing jib 161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	43.4									
90	64.4	319	40.0	67.7	322	42.8									
95	62.4	317	39.4	65.8	320	42.0									
100	60.4	314	38.5	63.8	318	41.3									
105	58.4	311	37.4	61.9	315	40.8									
110	56.3	308	36.5	59.8	312	39.9									
115							67.0	317	41.6						
115	54.1	304	35.6	57.8	309	39.0	66.8	317	41.3						
120	51.9	300	34.9	55.7	306	38.1	64.9	315	39.1						
125	49.6	296	34.2	53.5	302	37.4	62.9	312	37.1						
130	47.3	291	33.2	51.3	298	36.8	60.9	309	35.2						
135	45.4	288	32.2	49.0	294	36.1	58.9	306	33.5						
140	42.9	282	21.1	46.6	289	35.5	57.3	304	32.0						
145	40.2	277	19.2	44.1	284	34.8	55.2	301	30.5						
150	37.3	270	17.5	41.5	279	34.0	53.0	297	29.1						
155	34.3	263	16.2	39.4	274	20.8	50.8	293	27.8						
160	31.0	255	15.6	36.5	267	19.0	48.4	288	26.7						
165	27.3	246	15.0	33.4	260	18.0	46.0	284	25.5	57.0	294	19.7			
167															
170	23.1	235	14.4	30.0	252	17.3	43.5	279	24.5	56.1	292	19.3			
175	18.0	221	13.8	26.2	242	16.5	40.9	273	23.5	53.9	289	18.5			
180				21.8	230	15.8	38.1	267	22.6	51.7	285	17.7			
185							35.1	260	21.7	49.4	280	17.0			
190							31.9	252	20.8	47.0	276	16.3			
195							28.3	243	20.0	44.6	271	15.6			
200							24.2	233	19.3	42.0	265	15.0			
205							19.4	220	18.6	39.3	259	14.4			
210										36.4	253	13.9			
215										33.2	245	13.3			
220										29.8	237	12.8			
225										26.0	227	12.3			
230										21.5	216	11.8			
255													37.0	221	3.9
255													37.0	221	3.9
260													34.6	216	3.7
265													31.3	208	3.4
270													27.6	199	3.2
275													23.5	188	2.9
280													18.4	174	2.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>174 ft luffing jib</b> <b>161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	37.8									
100	62.2	325	35.0	65.4	329	37.3									
105	60.4	322	34.3	63.6	326	36.8									
110	58.4	319	33.4	61.7	324	36.4									
115	56.9	317	29.6	59.8	321	35.8									
118							67.0	326	37.1						
120	54.9	313	28.4	57.9	318	35.2	66.4	326	37.1						
125	52.9	310	27.3	55.9	314	34.6	64.6	323	36.6						
130	50.7	306	26.3	53.9	311	34.1	62.7	321	34.8						
135	48.6	301	24.4	51.8	307	33.6	60.8	318	33.1						
140	46.3	297	22.4	49.6	303	33.2	59.4	316	31.5						
145	43.9	291	20.5	47.9	299	25.6	57.4	312	30.1						
150	41.5	286	18.8	45.6	294	23.5	55.4	309	28.7						
155	38.9	280	17.2	43.3	289	21.7	53.4	305	27.4						
160	36.1	273	15.7	40.8	283	19.9	51.3	301	26.3						
165	33.2	266	15.0	38.1	277	18.4	49.1	297	25.1						
170	30.0	257	14.5	35.3	270	17.1	46.9	293	24.1						
172										57.0	302	18.3			
175	26.4	248	14.1	32.3	263	16.4	44.5	288	23.1	56.3	301	18.0			
180	22.3	236	13.6	29.0	254	15.7	42.1	282	22.2	54.2	297	17.3			
185				25.3	244	15.1	39.5	276	21.3	52.2	293	16.5			
190				21.0	232	14.4	36.8	270	20.5	50.0	289	15.9			
195							33.9	262	19.7	47.8	285	15.2			
200							30.8	254	19.0	45.5	280	14.6			
205							27.3	245	18.2	43.1	275	14.0			
210							23.4	234	17.6	40.6	269	13.4			
215							18.6	221	16.9	38.0	263	12.9			
220										35.2	256	12.4			
225										32.1	248	11.9			
230										28.8	239	11.4			
235										25.1	229	11.0			
240										20.7	217	10.5			
263													37.0	227	2.9
265													36.3	226	2.8
270													33.4	218	2.6
275													30.2	210	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.8									
105	62.5	334	30.4	65.1	337	33.4									
110	60.7	332	29.6	63.4	335	33.1									
115	58.9	329	28.5	62.0	333	30.5									
120	57.1	325	27.4	60.2	330	29.7									
122							67.0	335	30.4						
125	55.2	322	26.5	58.4	327	28.8	66.4	335	30.4						
130	53.2	318	25.6	56.5	324	28.0	64.7	332	30.4						
135	51.2	314	24.9	54.6	320	27.3	63.0	330	30.3						
140	49.2	310	23.5	52.7	316	26.6	61.2	327	29.9						
145	47.1	305	21.7	50.7	312	25.9	59.4	324	29.5						
150	44.9	300	20.0	48.6	308	24.1	57.5	321	28.4						
155	42.6	295	18.4	46.5	303	22.3	55.6	318	27.2						
160	40.2	289	16.9	44.3	298	20.7	53.7	314	26.0						
165	37.7	283	15.6	41.9	293	19.2	51.7	310	24.9						
170	35.0	276	14.4	39.5	287	17.8	49.7	306	23.8						
175	32.1	268	14.1	37.0	280	16.6	47.6	301	22.9						
177										57.0	310	17.2			
180	29.0	260	13.7	34.2	273	15.7	45.4	297	21.9	56.4	309	17.0			
185	25.5	250	13.4	31.3	265	15.1	43.2	291	21.1	54.5	306	16.2			
190	21.5	238	13.0	28.1	256	14.5	40.8	286	20.2	52.6	302	15.6			
195				24.5	246	13.9	38.3	279	19.4	50.6	298	14.9			
200				20.3	233	13.3	35.7	273	18.7	48.5	293	14.3			
205							32.9	265	18.0	46.4	289	13.7			
210							29.8	257	17.3	44.1	284	13.1			
215							26.4	247	16.7	41.8	278	12.6			
220							22.6	236	16.0	39.4	272	12.1			
225							17.9	222	15.4	36.8	266	11.6			
230										34.1	258	11.2			
235										31.1	250	10.7			
240										27.9	241	10.3			
245										24.3	231	9.9			
250										20.0	218	9.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	26.8									
125	57.2	334	24.1	60.2	338	26.1									
126							67.0	344	26.4						
130	55.4	330	23.3	58.5	335	25.3	66.1	343	26.4						
135	53.6	327	22.6	56.7	332	24.6	64.4	341	26.3						
140	51.7	323	21.9	54.9	329	23.9	62.8	338	26.2						
145	49.7	319	21.1	53.0	325	23.4	61.1	336	25.9						
150	47.8	314	20.0	51.2	321	22.9	59.4	333	25.6						
155	45.7	309	18.9	49.2	317	21.8	57.6	329	25.4						
160	43.6	304	17.9	47.2	312	20.7	55.8	326	25.1						
165	41.4	299	17.0	45.1	307	19.7	54.0	323	24.5						
170	39.0	293	16.2	43.0	302	18.8	52.2	319	23.4						
175	36.6	286	15.4	40.7	296	17.9	50.2	315	22.5						
180	34.0	279	14.7	38.4	290	17.1	48.3	310	21.6						
183										57.0	318	15.9			
185	31.2	271	14.2	35.9	283	16.4	46.2	305	20.7	56.6	318	15.8			
190	28.1	262	13.7	33.2	276	15.8	44.1	300	19.9	54.8	314	15.1			
195	24.7	251	13.2	30.4	268	15.2	41.9	295	19.1	52.9	310	14.5			
200	20.8	239	12.6	27.2	258	14.6	39.6	289	18.3	51.0	306	13.9			
205				23.7	247	13.9	37.2	282	17.6	49.1	302	13.3			
210				19.6	234	13.3	34.7	275	17.0	47.1	298	12.7			
215							31.9	268	16.3	45.0	293	12.2			
220							28.9	259	15.7	42.9	287	11.7			
225							25.6	249	15.1	40.6	282	11.2			
230							21.9	237	14.6	38.2	275	10.8			
235							17.3	223	13.8	35.7	269	10.3			
240										33.1	261	9.9			
245										30.2	253	9.5			
250										27.1	243	9.1			
255										23.5	232	8.7			
260										19.3	219	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 203 ft luffing jib 161 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	371	26.1												
65	77.3	370	26.1												
70	75.9	369	25.9												
75	74.4	368	25.8												
80	72.9	366	25.6												
81				75.0	367	25.5									
85	71.5	365	25.5	74.0	366	25.5									
90	70.0	363	25.2	72.5	365	25.5									
95	68.5	361	24.9	71.0	363	25.4									
100	66.9	359	24.6	69.5	361	25.1									
105	65.4	356	24.2	68.0	359	24.9									
110	63.8	354	23.9	66.5	357	24.6									
115	62.2	351	23.7	64.9	355	24.3									
120	60.6	349	23.1	63.4	352	24.0									
125	59.0	346	22.2	61.8	350	23.8									
130							67.0	354	24.4						
130	57.3	342	21.4	60.2	347	23.2	67.0	354	23.1						
135	55.6	339	20.7	58.5	344	22.5	65.8	352	23.1						
140	53.9	335	20.0	56.8	341	21.8	64.2	349	23.0						
145	52.1	332	19.5	55.1	337	21.2	62.6	347	22.8						
150	50.3	327	18.9	53.4	333	20.7	61.0	344	22.7						
155	48.4	323	18.4	51.6	330	20.2	59.4	341	22.5						
160	46.4	318	17.8	49.7	325	19.7	57.7	338	22.4						
165	44.5	313	17.3	47.9	321	19.2	56.0	335	22.0						
170	42.4	308	16.8	45.9	316	18.6	54.3	331	21.8						
175	40.2	302	16.3	43.9	311	18.1	52.5	327	21.5						
180	38.0	296	15.9	41.8	305	17.7	50.7	323	21.2						
185	35.6	289	15.5	39.6	300	17.2	48.9	319	20.3						
188										57.0	327	14.8			
190	33.0	281	14.9	37.3	293	16.8	46.9	314	19.5	56.7	326	14.7			
195	30.3	273	14.2	34.9	286	16.4	45.0	309	18.7	55.0	323	14.0			
200	27.3	264	13.6	32.3	278	15.8	42.9	304	18.0	53.3	319	13.4			
205	24.0	253	12.9	29.5	270	15.2	40.8	298	17.2	51.5	315	12.8			
210	20.1	240	12.3	26.4	260	14.6	38.5	292	16.4	49.6	311	12.3			
215				23.0	249	14.0	36.2	285	15.8	47.7	306	11.8			
220				18.9	236	13.4	33.7	278	15.2	45.8	302	11.3			
225							31.0	270	14.6	43.8	296	10.8			
230							28.1	261	14.1	41.7	291	10.3			
235							24.9	251	13.5	39.5	285	9.9			
240							21.2	239	13.0	37.2	278	9.5			
245							16.7	224	12.4	34.7	271	9.1			
250										32.1	264	8.7			
255										29.3	255	8.3			
260										26.3	245	8.0			
265										22.8	234	7.6			
270										18.7	220	7.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

171

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>66 ft luffing jib</b> <b>171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	128.3												
45	67.4	242	127.0												
46				75.0	244	128.3									
50	62.5	239	123.2	71.3	243	128.3									
55	57.4	236	117.4	66.6	241	125.4									
60	51.9	232	111.9	61.6	238	112.2									
65	45.9	228	105.9	56.4	235	101.4									
70	39.2	222	96.0	50.9	231	92.4									
75	31.3	214	88.5	44.8	226	84.8									
79							67.0	236	70.5						
80	23.5	206	33.0	38.0	220	78.3	65.6	236	69.0						
85				29.7	212	72.6	60.6	233	64.0						
90				21.3	203	33.0	55.4	229	59.6						
95							49.7	225	55.8						
100							43.5	220	52.3						
105							36.4	214	49.3						
110							27.7	205	46.4						
117										57.0	220	35.8			
120										53.9	218	34.7			
125										49.6	215	33.0			
130										43.3	210	31.4			
135										36.2	203	29.9			
140										27.5	195	28.4			
183													37.0	169	12.0
185													36.0	168	11.9
190													27.1	159	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 76 ft luffing jib 171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	123.8												
45	70.5	253	121.0												
49				75.0	254	121.4									
50	66.4	250	116.3	73.8	253	121.4									
55	62.1	248	111.8	69.8	251	119.2									
60	57.7	245	106.5	65.7	249	111.9									
65	52.9	241	101.9	61.4	247	101.1									
70	47.9	237	95.2	56.9	243	92.2									
75	42.4	231	88.5	52.1	240	84.6									
80	36.2	225	81.6	47.0	235	78.1									
82							67.0	245	66.0						
85	28.7	217	75.7	41.4	230	72.4	64.8	244	63.6						
90	21.4	208	31.4	35.0	223	67.5	60.5	241	59.2						
95				27.3	214	63.1	55.9	238	55.4						
100							51.1	234	52.0						
105							45.9	229	48.9						
110							40.1	224	46.2						
115							33.6	217	43.7						
120							25.4	207	41.3						
123										57.0	228	33.3			
125										55.8	227	32.5			
130										51.0	223	31.0			
135										45.7	219	29.5			
140										40.0	213	28.1			
145										33.4	206	26.8			
150										25.2	196	25.6			
191													37.0	175	10.7
195													33.1	171	10.4
200													24.9	161	10.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>85 ft luffing jib</b> <b>171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	109.9												
50	69.3	261	107.1												
51				75.0	263	110.3									
55	65.6	259	103.2	72.2	262	110.0									
60	61.8	256	99.9	68.7	260	107.4									
65	57.9	253	94.1	65.0	258	100.8									
70	53.7	250	91.0	61.1	255	91.9									
75	49.4	246	88.2	57.2	252	84.3									
80	44.7	241	81.5	53.0	248	77.8									
85	39.5	235	75.6	48.6	244	72.2									
86							67.0	254	62.0						
90	33.7	228	70.4	43.8	239	67.3	64.2	253	58.8						
95	26.7	219	65.8	38.5	233	62.9	60.4	250	55.0						
100	19.7	209	27.5	32.5	225	59.0	56.3	246	51.6						
105				25.3	216	55.5	52.1	243	48.6						
110							47.6	238	45.8						
115							42.8	233	43.3						
120							37.4	227	41.1						
125							31.2	219	39.0						
128										57.0	237	30.8			
130										56.2	236	30.5			
135							23.5	209	37.0	52.0	232	29.0			
140										47.5	228	27.7			
145										42.6	222	26.4			
150										37.2	216	25.2			
155										31.0	208	24.1			
160										23.3	198	23.1			
199															
200													37.0	181	9.6
205													37.0	181	9.5
205													30.8	173	9.1
210													23.0	163	8.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>95 ft luffing jib</b> <b>171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	96.3												
54				75.0	273	97.2									
55	68.3	270	95.0	74.1	272	97.2									
60	65.0	267	91.9	71.0	271	96.9									
65	61.6	265	89.5	67.7	269	96.2									
70	58.0	262	86.0	64.4	266	91.7									
75	54.4	258	82.8	61.0	263	84.1									
80	50.5	254	80.3	57.4	260	77.6									
85	46.4	250	75.5	53.7	257	72.0									
90	42.0	244	70.4	49.8	253	67.1									
90							67.0	263	58.4						
95	37.1	238	65.8	45.6	248	62.8	63.7	261	54.7						
100	31.6	230	53.3	41.1	242	58.9	60.3	258	51.3						
105	24.9	220	49.8	36.2	236	55.5	56.7	255	48.3						
110				30.5	228	52.3	52.9	251	45.6						
115				23.6	217	49.5	49.0	247	43.1						
120							44.8	242	40.9						
125							40.2	236	38.8						
130							35.1	230	36.9						
133										57.0	245	28.9			
135										56.6	244	28.7			
140							29.2	221	35.2	52.8	241	27.4			
145							21.9	210	33.5	52.8	241	27.4			
145										48.9	236	26.2			
150										44.6	232	25.0			
155										40.1	226	23.9			
160										35.0	219	22.9			
165										29.1	211	21.9			
170										21.7	199	21.0			
207													37.0	187	8.6
210													34.8	184	8.4
215													28.9	175	8.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	85.7												
56				75.0	282	88.8									
60	67.5	278	83.7	72.8	281	88.5									
65	64.5	276	81.2	69.9	279	87.6									
70	61.4	273	79.4	67.0	277	86.2									
75	58.2	270	76.4	63.9	275	83.8									
80	54.9	267	73.8	60.8	272	77.3									
85	51.4	263	71.7	57.6	269	71.7									
90	47.7	258	69.2	54.3	265	66.8									
94							67.0	272	55.0						
95	43.9	253	65.6	50.8	261	62.5	66.4	272	54.3						
100	39.7	248	53.2	47.1	257	58.7	63.3	269	50.9						
105	35.0	241	49.7	43.2	252	55.2	60.2	267	47.9						
110	29.8	232	46.8	38.9	246	52.1	56.9	263	45.2						
115	23.4	222	44.0	34.2	239	49.3	53.6	260	42.7						
120				28.8	230	46.7	50.0	256	40.5						
125				22.1	219	44.3	46.3	251	38.5						
130							42.3	246	36.6						
135							38.0	240	34.8						
139										57.0	253	27.0			
140							33.2	232	33.2	56.9	253	26.9			
145							29.0	226	30.8	53.5	249	25.7			
150							22.4	215	29.3	49.9	245	24.6			
155										46.2	240	23.5			
160										42.2	235	22.5			
165										37.9	229	21.5			
170										33.0	222	20.6			
175										27.4	213	19.8			
180										20.3	201	19.0			
215													37.0	193	7.6
215													37.0	193	7.5
220													32.8	186	7.2
225													27.2	177	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom                      115 ft luffing jib                      171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	80.0									
60	69.5	289	76.6	74.3	291	80.0									
65	66.8	287	74.7	71.7	290	79.6									
70	64.0	284	72.7	69.1	288	78.6									
75	61.2	282	71.3	66.3	286	77.2									
80	58.3	279	68.9	63.6	283	75.5									
85	55.3	275	66.7	60.7	280	71.4									
90	52.1	272	60.5	57.8	277	66.5									
95	48.8	267	58.0	54.7	274	62.2									
98							67.0	282	51.9						
100	45.4	262	53.9	51.6	270	58.3	65.8	280	50.4						
105	41.7	257	50.1	48.3	266	54.9	63.0	278	47.5						
110	37.7	251	46.7	44.8	261	51.8	60.1	275	44.8						
115	33.3	243	44.0	41.0	255	49.0	57.2	272	42.3						
120	28.2	235	41.6	36.9	249	46.5	54.1	268	40.1						
125	22.1	223	39.1	32.4	241	44.1	50.9	264	38.1						
130				27.3	232	42.0	47.6	260	36.2						
135				20.9	220	40.0	44.0	255	34.5						
140							41.1	251	32.4						
144										57.0	261	25.4			
145							37.1	244	31.5	57.0	261	25.2			
150							32.6	237	30.1	54.0	258	24.1			
155							27.4	228	28.8	50.8	254	23.0			
160							21.1	216	27.0	47.5	249	22.0			
165										43.9	244	21.1			
170										40.1	239	20.2			
175										36.0	232	19.4			
180										31.3	224	18.6			
185										25.9	214	17.9			
190										19.1	202	17.1			
223													37.0	199	6.5
225													35.8	197	6.4
230													31.2	189	6.1
235													25.7	179	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>125 ft luffing jib</b> <b>171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	71.3									
65	68.8	298	67.6	73.2	300	71.1									
70	66.2	295	65.9	70.8	298	70.7									
75	63.7	293	61.1	68.3	296	69.6									
80	61.1	290	59.8	65.8	294	68.4									
85	58.4	287	57.5	63.2	292	67.2									
90	55.6	284	55.6	60.6	289	66.1									
95	52.7	280	53.9	57.9	286	60.1									
100	49.8	276	52.2	55.1	282	58.1									
102							67.0	291	49.2						
105	46.6	271	48.9	52.2	279	54.7	65.3	289	47.2						
110	43.3	266	45.9	49.2	274	51.6	62.7	286	44.5						
115	39.8	260	43.1	46.1	270	48.8	60.1	284	42.0						
120	35.9	254	40.8	42.7	264	46.3	57.4	280	39.8						
125	31.7	246	38.7	39.1	258	44.0	54.5	277	37.8						
130	26.9	237	36.5	35.2	251	41.8	51.6	273	35.9						
135	21.0	225	34.4	30.9	244	39.8	48.6	269	34.2						
140				25.9	234	38.0	46.2	265	32.1						
145				19.7	221	36.3	42.8	260	31.2						
149										57.0	270	23.9			
150							39.3	254	29.9	57.0	270	23.7			
155							35.4	247	28.6	54.5	266	22.7			
160							31.1	239	27.4	51.6	263	21.8			
165							26.1	230	26.3	48.5	258	20.8			
170							20.0	217	24.4	45.3	253	20.0			
175										41.9	248	19.2			
180										38.3	242	18.4			
185										34.3	235	17.6			
190										29.8	226	16.9			
195										24.6	216	16.3			
200										18.0	203	15.6			
230													37.0	205	5.7
235													34.2	200	5.5
240													29.7	191	5.2
245													24.5	181	5.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 135 ft luffing jib 171 [ft] (2220), 135 [ft] (1311)</b>															
48	78.0	313	61.9												
50	77.1	313	61.9												
55	74.9	311	61.1												
60	72.6	310	60.0												
64				75.0	311	61.2									
65	70.4	308	58.9	74.5	310	61.2									
70	68.1	306	57.7	72.2	309	61.0									
75	65.8	304	56.1	70.0	307	60.3									
80	63.4	301	54.7	67.7	305	59.3									
85	61.0	299	53.6	65.3	303	57.9									
90	58.5	296	51.7	63.0	300	56.8									
95	55.9	292	50.0	60.5	297	55.7									
100	53.3	289	48.6	58.0	294	54.0									
105	50.5	285	47.4	55.4	291	52.5									
106							67.0	300	46.5						
110	47.7	280	44.8	52.8	287	51.3	64.9	298	44.0						
115	44.7	275	42.2	50.0	283	48.5	62.5	295	41.6						
120	41.5	270	39.9	47.1	278	46.0	60.0	292	39.4						
125	38.1	263	37.7	44.1	273	43.7	57.5	289	37.4						
130	34.4	256	35.9	40.9	268	41.5	54.9	285	35.5						
135	30.3	248	34.2	37.5	261	39.6	52.2	282	33.8						
140	26.8	241	18.1	33.7	254	37.8	50.1	278	32.3						
145	21.4	229	17.1	29.6	246	36.1	47.2	274	30.9						
150				24.7	236	34.5	44.2	269	29.5						
155										57.0	278	22.3			
155				20.3	226	18.3	41.0	263	28.2	57.0	278	22.1			
160							37.6	257	27.0	54.8	275	21.3			
165							33.9	250	25.9	52.2	271	20.4			
170							29.7	241	24.9	49.4	267	19.5			
175							24.9	231	23.5	46.5	262	18.7			
180							19.0	218	21.8	43.4	257	18.0			
185										40.1	251	17.2			
190										36.6	245	16.5			
195										32.8	237	15.9			
200										28.5	229	15.3			
205										23.5	218	14.7			
238													37.0	211	4.8
240													36.5	210	4.8
245													32.7	202	4.5
250													28.4	193	4.2
255													23.3	183	4.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>144 ft luffing jib</b> <b>171 [ft] (2220), 144 [ft] (1311)</b>															
50	78.0	323	54.8												
50	78.0	323	54.8												
55	75.9	322	54.5												
60	73.9	320	53.8												
65	71.8	319	52.8												
66				75.0	320	54.2									
70	69.7	317	51.9	73.5	319	54.1									
75	67.5	315	50.7	71.4	317	53.9									
80	65.3	312	49.4	69.3	316	53.1									
85	63.1	310	48.4	67.1	313	52.2									
90	60.9	307	47.4	65.0	311	51.1									
95	58.5	304	45.8	62.7	309	50.2									
100	56.2	301	44.4	60.5	306	49.3									
105	53.7	297	43.2	58.1	303	47.9									
109							67.0	309	43.9						
110	51.2	293	42.2	55.7	299	46.6	66.7	308	43.6						
115	48.5	289	40.4	53.3	296	45.6	64.5	306	41.2						
120	45.8	284	38.3	50.7	292	44.7	62.3	303	39.0						
125	42.9	279	36.2	48.1	287	42.7	60.0	301	37.0						
130	39.9	273	34.4	45.3	282	40.7	57.6	297	35.1						
135	37.4	268	18.8	42.4	277	38.9	55.2	294	33.4						
140	33.9	261	17.8	39.3	271	37.2	53.3	291	31.4						
145	30.1	253	17.1	36.0	264	35.7	50.8	287	30.5						
150	25.7	243	16.3	32.4	257	34.2	48.2	283	29.1						
155	20.4	231	15.5	29.3	250	18.0	45.4	278	27.9						
160				24.8	240	17.1	42.5	273	26.7						
160									57.0	286	20.6				
165				19.4	227	16.3	39.4	267	25.5	55.2	283	19.9			
170							36.1	260	24.4	52.7	280	19.1			
175							32.5	252	23.2	50.1	276	18.3			
180							28.5	244	21.9	47.4	271	17.5			
185							23.8	233	20.6	44.7	266	16.8			
190							18.1	219	19.3	41.7	261	16.1			
195										38.6	255	15.5			
200										35.2	248	14.9			
205										31.5	240	14.3			
210										27.3	231	13.7			
215										22.5	219	13.2			
246													37.0	216	3.9
250													35.1	213	3.8
255													31.4	205	3.5
260													27.2	195	3.3
265													22.3	184	3.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 154 ft luffing jib 171 [ft] (2220), 154 [ft] (1311)</b>															
52	78.0	333	49.2												
55	76.8	332	49.1												
60	74.9	331	48.5												
65	73.0	329	47.8												
69				75.0	330	48.5									
70	71.0	327	47.0	74.6	329	48.5									
75	69.0	325	46.3	72.6	328	48.4									
80	67.0	323	45.1	70.7	326	48.0									
85	65.0	321	44.1	68.7	324	47.3									
90	62.9	318	43.2	66.7	322	46.6									
95	60.8	316	42.4	64.6	320	45.6									
100	58.6	313	41.0	62.5	317	44.8									
105	56.4	309	39.9	60.4	314	44.0									
110	54.1	306	38.8	58.2	311	42.8									
113							67.0	318	41.7						
115	51.7	302	37.9	56.0	308	41.8	66.3	317	40.9						
120	49.3	298	36.9	53.7	304	40.9	64.2	315	38.7						
125	46.8	293	35.3	51.3	300	40.2	62.1	312	36.7						
130	44.1	288	33.9	48.9	296	38.9	60.0	309	34.8						
135	42.0	284	19.6	46.3	291	37.5	57.8	306	33.1						
140	39.1	278	18.4	43.6	286	36.2	56.0	303	31.6						
145	36.0	271	17.3	40.8	281	35.0	53.8	300	30.2						
150	32.6	264	16.6	37.9	274	33.9	51.4	296	28.8						
155	28.9	255	15.9	35.4	269	18.6	48.9	292	27.6						
160	24.7	245	15.2	32.0	261	17.8	46.4	287	26.4						
165	19.5	232	14.4	28.2	252	17.0	43.7	282	25.3						
165										57.0	294	19.3			
170				23.9	242	16.1	40.9	276	24.3	55.5	292	18.8			
175				18.5	228	15.3	38.0	270	23.3	53.1	288	18.0			
180							34.8	263	22.4	50.8	284	17.2			
185							31.3	255	21.5	48.3	280	16.5			
190							27.4	246	20.7	45.7	275	15.8			
195							22.9	235	19.5	43.0	270	15.2			
200							17.2	220	18.2	40.2	264	14.6			
205										37.1	258	14.0			
210										33.9	250	13.5			
215										30.3	242	12.9			
220										26.3	233	12.4			
225										21.5	221	11.9			
254													37.0	222	3.2
255													37.0	222	3.1
260													33.8	215	2.9
265													30.2	207	2.7
270													26.1	197	2.5
275													21.4	186	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom                      164 ft luffing jib                      171 [ft] (2220), 164 [ft] (1311)</b>															
54	78.0	342	43.6												
55	77.6	342	43.6												
60	75.9	341	43.3												
65	74.0	339	42.7												
70	72.2	338	42.0												
72				75.0	339	42.9									
75	70.4	336	41.3	73.7	338	42.8									
80	68.5	334	40.6	71.9	337	42.7									
85	66.6	332	39.7	70.0	335	42.2									
90	64.6	330	38.8	68.1	333	41.7									
95	62.7	327	38.1	66.2	331	41.0									
100	60.7	324	37.4	64.3	328	40.2									
105	58.6	321	36.3	62.3	326	39.5									
110	56.6	318	35.3	60.3	323	38.8									
115	54.4	314	34.4	58.3	320	37.8									
117							67.0	327	39.5						
120	52.2	311	33.7	56.2	316	37.0	65.9	325	38.2						
125	50.5	307	23.2	54.0	313	36.2	63.9	323	36.2						
130	48.2	303	21.8	51.8	309	35.6	61.9	320	34.4						
135	45.7	298	20.4	49.6	305	34.9	60.4	318	32.8						
140	43.2	293	19.1	47.2	300	34.0	58.4	315	31.2						
145	40.6	287	18.0	44.7	295	33.2	56.3	312	29.8						
150	37.7	281	16.9	42.8	291	20.8	54.1	308	28.4						
155	34.7	274	16.0	40.1	285	19.6	51.9	304	27.2						
160	31.5	266	15.4	37.2	279	18.5	49.6	300	26.0						
165	27.9	257	14.7	34.2	272	17.6	47.3	296	24.9						
170	23.7	246	14.1	30.9	264	16.8	44.8	291	23.9						
171										57.0	303	18.0			
175	18.7	233	13.4	27.2	254	16.0	42.2	285	22.9	55.7	301	17.5			
180				22.9	243	15.2	39.5	279	22.0	53.5	297	16.8			
185				17.7	229	14.4	36.6	273	21.2	51.3	293	16.1			
190							33.5	266	20.3	49.0	289	15.4			
195							30.2	257	19.6	46.6	284	14.8			
200							26.4	248	18.8	44.1	279	14.2			
205							22.0	236	18.1	41.5	273	13.6			
210										38.8	267	13.0			
215										35.9	261	12.5			
220										32.7	253	12.0			
225										29.2	244	11.5			
230										25.3	234	11.1			
235										20.7	222	10.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 174 ft luffing jib 171 [ft] (2220), 174 [ft] (1311)</b>															
56	78.0	352	39.2												
60	76.7	351	39.1												
65	75.0	350	38.7												
70	73.2	348	38.2												
74				75.0	349	38.5									
75	71.5	346	37.6	74.7	348	38.5									
80	69.8	345	37.0	72.9	347	38.4									
85	68.0	343	36.4	71.2	345	38.2									
90	66.2	340	35.6	69.4	343	37.8									
95	64.4	338	34.9	67.7	341	37.5									
100	62.5	335	34.4	65.9	339	36.9									
105	60.6	333	33.7	64.0	337	36.3									
110	59.1	330	29.3	62.2	334	35.8									
115	57.2	327	27.3	60.3	331	35.3									
120	55.2	324	25.4	58.4	328	34.6									
121							67.0	336	36.5						
125	53.1	320	23.8	56.4	325	34.0	65.5	334	35.8						
130	51.0	316	22.4	54.4	321	33.4	63.7	332	34.0						
135	48.9	312	21.0	52.8	318	26.1	62.2	330	32.4						
140	46.6	307	19.6	50.7	314	24.9	60.3	327	30.8						
145	44.3	302	18.4	48.5	310	23.3	58.4	324	29.4						
150	41.8	297	17.2	46.2	305	21.7	56.4	320	28.0						
155	39.2	291	16.1	43.8	300	20.3	54.4	317	26.8						
160	36.5	284	15.1	41.4	295	18.9	52.4	313	25.6						
165	33.6	277	14.5	38.8	289	17.7	50.2	309	24.5						
170	30.4	268	14.0	36.0	282	16.6	48.0	304	23.5						
175	26.9	259	13.5	33.1	274	15.9	45.7	300	22.6						
176										57.0	311	16.7			
180	22.9	248	13.1	29.8	266	15.3	43.4	294	21.6	55.9	309	16.3			
185	18.0	234	12.6	26.3	256	14.7	40.9	289	20.8	53.9	305	15.6			
190				22.1	245	14.1	38.2	283	20.0	51.8	302	14.9			
195							35.4	276	19.2	49.7	297	14.3			
200							32.4	268	18.5	47.4	293	13.7			
205							29.2	259	17.8	45.1	288	13.2			
210							25.5	249	17.1	42.7	283	12.6			
215							21.2	237	16.4	40.2	277	12.1			
220										37.5	270	11.6			
225										34.7	263	11.1			
230										31.6	256	10.7			
235										28.2	247	10.2			
240										24.4	236	9.8			
245										19.9	223	9.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 184 ft luffing jib 171 [ft] (2220), 184 [ft] (1311)</b>															
58	78.0	361	34.8												
60	77.4	361	34.8												
65	75.8	360	34.5												
70	74.2	358	34.2												
75	72.5	357	33.8												
77				75.0	358	34.2									
80	70.9	355	33.2	73.9	357	34.2									
85	69.6	354	31.5	72.3	356	34.1									
90	67.9	352	30.9	70.6	354	33.8									
95	66.2	349	30.1	68.9	352	33.6									
100	64.5	347	29.4	67.2	350	33.3									
105	62.8	345	28.9	65.9	348	30.4									
110	61.0	342	28.0	64.2	346	29.8									
115	59.2	339	26.4	62.4	343	29.4									
120	57.3	336	24.9	60.7	340	28.7									
125							67.0	345	32.2						
125	55.4	332	23.6	58.8	337	27.7	67.0	345	29.6						
130	53.5	329	22.4	57.0	334	26.8	65.6	343	29.6						
135	51.5	325	21.4	55.1	331	26.0	63.9	341	29.5						
140	49.5	320	20.2	53.2	327	25.3	62.1	338	29.3						
145	47.4	316	18.9	51.2	323	24.7	60.3	335	28.8						
150	45.2	311	17.6	49.1	319	23.1	58.5	332	27.7						
155	42.9	306	16.4	47.0	314	21.4	56.6	329	26.5						
160	40.5	300	15.3	44.8	309	19.8	54.7	325	25.3						
165	38.0	294	14.3	42.5	304	18.4	52.8	322	24.3						
170	35.4	287	13.4	40.1	298	17.0	50.8	318	23.2						
175	32.5	279	13.0	37.6	292	15.8	48.7	313	22.3						
180	29.5	271	12.7	34.9	285	14.9	46.6	309	21.4						
182										57.0	319	15.6			
185	26.0	261	12.4	32.0	277	14.4	44.3	304	20.5	56.1	318	15.3			
190	22.1	249	12.1	28.9	268	14.0	42.0	298	19.7	54.2	314	14.6			
195	17.3	235	11.8	25.4	258	13.5	39.6	292	18.9	52.2	310	14.0			
200				21.4	246	13.1	37.1	286	18.2	50.2	306	13.4			
205							34.3	279	17.5	48.1	302	12.9			
210							31.4	271	16.9	46.0	297	12.3			
215							28.2	262	16.2	43.7	292	11.8			
220							24.6	251	15.5	41.4	286	11.3			
225							20.4	239	14.5	39.0	280	10.9			
230										36.4	273	10.4			
235										33.6	266	10.0			
240										30.6	258	9.6			
245										27.3	249	9.2			
250										23.6	238	8.8			
255										19.2	225	8.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 194 ft luffing jib 171 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	371	29.0												
65	76.9	370	28.9												
70	75.4	369	28.8												
75	73.8	367	28.6												
79				75.0	368	30.3									
80	72.3	366	28.4	75.0	368	28.5									
85	70.7	364	28.1	73.5	366	28.5									
90	69.1	362	27.8	72.0	365	28.4									
95	67.5	360	27.3	70.4	363	28.1									
100	65.9	358	26.8	68.8	361	27.9									
105	64.3	356	26.3	67.2	359	27.5									
110	62.6	353	25.9	65.6	357	27.0									
115	60.9	350	25.3	64.0	354	26.6									
120	59.2	347	24.0	62.3	352	26.2									
125	57.4	344	22.9	60.6	349	25.7									
129							67.0	354	26.1						
130	55.6	341	21.9	58.9	346	24.8	66.9	354	26.1						
135	53.8	337	21.0	57.1	343	24.1	65.3	352	26.1						
140	51.9	333	20.2	55.3	339	23.4	63.6	349	26.0						
145	50.0	329	19.4	53.5	336	22.8	62.0	346	25.8						
150	48.0	325	18.5	51.6	332	22.3	60.3	344	25.5						
155	46.0	320	17.6	49.7	327	21.3	58.5	341	25.2						
160	43.9	315	16.7	47.7	323	20.2	56.8	337	24.6						
165	41.7	309	15.9	45.6	318	19.2	55.0	334	23.8						
170	39.4	303	15.2	43.5	313	18.2	53.1	330	22.8						
175	36.9	297	14.5	41.3	307	17.3	51.2	326	21.9						
180	34.3	290	13.9	38.9	301	16.4	49.3	322	21.0						
185	31.6	282	13.4	36.5	295	15.7	47.3	317	20.1						
187										57.0	327	14.4			
190	28.6	273	13.0	33.9	287	15.1	45.2	312	19.3	56.3	326	14.2			
195	25.2	263	12.5	31.1	279	14.5	43.1	307	18.6	54.5	323	13.6			
200	21.4	251	12.0	28.0	270	13.9	40.8	302	17.8	52.6	319	13.0			
205				24.6	260	13.3	38.5	295	17.2	50.7	315	12.4			
210				20.6	248	12.8	36.0	289	16.5	48.8	310	11.9			
215							33.3	281	15.9	46.7	306	11.4			
220							30.5	273	15.3	44.7	301	10.9			
225							27.4	264	14.7	42.5	295	10.4			
230							23.9	253	14.0	40.2	290	10.0			
235							19.8	240	13.2	37.8	283	9.6			
240										35.3	276	9.2			
245										32.6	269	8.8			
250										29.7	260	8.4			
255										26.5	251	8.0			
260										22.9	239	7.7			
265										18.5	226	7.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 203 ft luffing jib 171 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	381	25.4												
65	77.5	380	25.4												
70	76.1	379	25.2												
75	74.6	378	25.1												
80	73.1	376	24.9												
82				75.0	377	24.9									
85	71.7	375	24.7	74.4	377	24.8									
90	70.2	373	24.4	72.9	375	24.8									
95	68.7	371	24.2	71.4	373	24.7									
100	67.1	369	23.9	69.9	372	24.4									
105	65.6	367	23.5	68.4	370	24.3									
110	64.0	364	23.3	66.9	368	24.0									
115	62.4	362	23.0	65.3	365	23.7									
120	60.8	359	22.5	63.8	363	23.4									
125	59.2	356	21.7	62.2	360	23.2									
130	57.5	353	20.9	60.5	357	22.7									
132							67.0	363	22.6						
135	55.8	349	20.2	58.9	354	22.0	66.6	362	22.6						
140	54.1	346	19.5	57.2	351	21.3	65.0	360	22.6						
145	52.3	342	18.9	55.5	348	20.7	63.4	358	22.5						
150	50.5	338	18.4	53.8	344	20.2	61.8	355	22.3						
155	48.6	333	17.8	52.0	340	19.7	60.2	352	22.1						
160	46.7	329	17.3	50.2	336	19.3	58.6	349	22.0						
165	44.7	324	16.7	48.3	332	18.7	56.9	346	21.7						
170	42.7	318	16.2	46.4	327	18.1	55.2	342	21.4						
175	40.5	313	15.7	44.4	322	17.6	53.4	339	21.2						
180	38.3	306	15.3	42.3	317	17.1	51.6	335	20.6						
185	35.9	300	14.9	40.1	311	16.7	49.8	331	19.7						
190	33.4	292	14.4	37.9	304	16.3	47.9	326	18.9						
192										57.0	336	13.3			
195	30.7	284	13.8	35.5	298	15.9	46.0	321	18.2	56.5	335	13.1			
200	27.7	275	13.1	32.9	290	15.2	44.0	316	17.5	54.7	331	12.5			
205	24.5	264	12.5	30.2	282	14.5	41.9	311	16.7	53.0	327	12.0			
210	20.7	252	11.9	27.2	272	13.8	39.7	305	15.8	51.2	323	11.4			
215				23.9	262	13.1	37.4	298	15.1	49.3	319	10.9			
220				20.0	249	12.4	35.0	291	14.4	47.4	315	10.5			
225							32.4	284	13.9	45.5	310	10.0			
230							29.6	275	13.4	43.4	304	9.6			
235							26.6	266	13.0	41.3	299	9.2			
240							23.1	255	12.5	39.1	293	8.8			
245							19.1	241	12.0	36.8	286	8.4			
250										34.3	279	8.0			
255										31.7	271	7.6			
260										28.8	262	7.3			
265										25.7	252	6.9			
270										22.2	241	6.6			
275										17.9	227	6.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>181 ft main boom</b> <b>66 ft luffing jib</b> <b>181 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	256	126.6												
35	77.3	256	126.6												
40	72.8	254	126.3												
45	68.1	252	123.2												
47				75.0	254	123.9									
50	63.2	250	117.2	72.4	253	123.9									
55	58.1	247	111.8	67.7	251	119.3									
60	52.7	243	106.8	62.8	248	111.5									
65	46.8	238	101.9	57.7	245	100.8									
70	40.2	233	94.5	52.3	242	91.9									
75	32.5	225	88.3	46.3	237	84.3									
80	22.3	215	81.4	39.7	231	77.8									
81							67.0	246	66.6						
85				31.9	224	72.1	63.2	244	62.8						
90				21.4	213	67.1	58.1	241	58.5						
95							52.6	237	54.8						
100							46.8	232	51.4						
105							40.2	227	48.4						
110							32.5	220	45.6						
115							25.0	212	33.0						
121										57.0	229	32.5			
125										54.3	227	31.7			
130										48.6	223	30.2			
135										42.2	218	28.7			
140										34.9	211	27.3			
145										25.7	202	26.1			
190													37.0	176	9.9
195													30.9	170	9.5
200													20.0	159	9.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>76 ft luffing jib</b> <b>181 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	265	117.1												
40	75.1	264	116.1												
45	71.1	263	113.6												
50				75.0	263	113.6									
50	67.0	261	109.3	74.8	263	113.6									
55	62.7	258	104.8	70.8	262	112.4									
60	58.3	255	100.4	66.7	260	107.7									
65	53.6	251	94.4	62.4	257	100.5									
70	48.6	247	92.1	58.0	254	91.6									
75	43.2	242	87.2	53.3	250	84.1									
80	37.1	236	81.4	48.2	246	77.6									
85							67.0	255	62.4						
85	29.9	228	75.5	42.8	241	72.0	67.0	255	62.4						
90	20.3	216	70.3	36.6	234	67.1	62.7	252	58.1						
95				29.3	226	62.7	58.3	249	54.4						
100				22.1	218	31.1	53.6	246	51.0						
105							48.6	241	48.0						
110							43.2	236	45.3						
115							37.0	230	42.8						
120							29.8	222	40.6						
125							22.9	213	32.8						
127										57.0	237	30.3			
130										55.0	236	29.7			
135										50.1	232	28.3			
140										44.8	227	26.9			
145										38.9	221	25.7			
150										32.1	213	24.6			
155										23.5	203	23.4			
198													37.0	182	8.7
200													35.9	181	8.6
205													28.4	172	8.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft luffing jib 181 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	275	106.3												
40	76.8	275	106.3												
45	73.4	273	104.7												
50	69.8	271	101.8												
52				75.0	273	104.8									
55	66.1	269	98.1	73.1	272	104.6									
60	62.3	267	94.3	69.5	270	102.2									
65	58.4	264	90.9	65.9	268	98.2									
70	54.3	260	87.3	62.1	265	91.3									
75	50.0	256	84.5	58.1	262	83.7									
80	45.3	251	79.8	54.0	259	77.3									
85	40.2	245	75.4	49.7	255	71.7									
89							67.0	264	58.6						
90	34.5	239	70.2	45.0	250	66.8	66.1	263	57.6						
95	27.7	230	65.7	39.9	244	62.5	62.3	261	53.9						
100	21.1	221	27.0	34.1	237	58.7	58.4	258	50.6						
105				27.2	228	55.2	54.3	254	47.6						
110				20.4	219	27.8	50.0	250	44.9						
115							45.3	245	42.5						
120							40.2	240	40.3						
125							34.5	233	38.2						
130							27.7	224	36.3						
132										57.0	245	28.3			
135										55.5	244	27.8			
140										51.3	240	26.5			
145										46.7	236	25.3			
150										41.8	230	24.2			
155										36.3	224	23.1			
160										29.9	216	22.1			
165										21.7	205	21.1			
206													37.0	188	7.6
210													33.4	183	7.4
215													26.3	174	7.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 95 ft luffing jib 181 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	285	94.8												
45	75.1	283	94.0												
50	72.0	282	92.0												
55				75.0	282	93.8									
55	68.7	280	89.9	74.9	282	93.8									
60	65.4	278	86.7	71.7	281	93.3									
65	62.0	275	84.3	68.5	279	91.1									
70	58.5	272	81.2	65.2	277	88.2									
75	54.9	269	78.2	61.8	274	83.6									
80	51.0	265	75.8	58.3	271	77.1									
85	47.0	260	72.6	54.6	267	71.6									
90	42.6	255	69.3	50.8	263	66.7									
93							67.0	273	55.4						
95	37.8	249	65.6	46.7	259	62.4	65.4	272	53.6						
100	32.4	241	49.7	42.3	253	58.5	62.0	269	50.3						
105	25.9	232	46.7	37.4	247	55.1	58.5	266	47.4						
110	19.6	222	23.6	32.0	240	52.0	54.9	263	44.7						
115				25.4	230	49.2	51.0	259	42.3						
120				18.9	220	25.1	47.0	254	40.1						
125							42.6	249	38.1						
130							37.8	243	36.2						
135							32.4	235	34.5						
137										57.0	254	26.6			
140							27.5	228	30.9	56.0	253	26.2			
145										52.2	249	25.0			
150										48.2	245	23.9			
155										43.9	240	22.9			
160										39.2	234	21.9			
165										34.0	227	21.0			
170										28.0	218	20.1			
175										20.2	206	19.2			
214													37.0	194	6.8
215													36.9	194	6.8
220													31.3	186	6.5
225													24.6	176	6.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 105 ft luffing jib 181 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	294	85.7												
45	76.6	294	85.7												
50	73.7	292	84.1												
55	70.8	290	82.2												
57				75.0	292	85.2									
60	67.9	288	80.3	73.5	291	85.1									
65	64.9	286	77.8	70.6	289	84.4									
70	61.8	284	75.9	67.7	287	82.9									
75	58.6	281	73.3	64.7	285	80.6									
80	55.3	277	70.6	61.6	282	76.8									
85	51.9	273	68.5	58.4	279	71.2									
90	48.3	269	66.3	55.1	276	66.4									
95	44.4	264	55.4	51.6	272	62.1									
97							67.0	282	52.2						
100	40.3	258	50.9	48.0	268	58.3	64.9	280	49.9						
105	35.7	252	47.1	44.1	263	54.8	61.8	278	46.9						
110	30.5	244	44.5	40.0	257	51.8	58.6	275	44.3						
115	24.4	233	42.2	35.4	250	49.0	55.3	271	41.9						
120	18.3	223	20.7	30.1	242	46.4	51.9	267	39.7						
125				23.9	232	44.0	48.2	263	37.7						
130				17.6	221	22.6	44.4	258	35.8						
135							40.2	252	34.1						
140							36.8	247	32.3						
143										57.0	262	24.8			
145							31.8	240	30.9	56.3	261	24.5			
150							25.9	230	29.0	52.9	258	23.4			
155										49.3	253	22.4			
160										45.6	249	21.4			
165										41.5	243	20.5			
170										37.1	237	19.7			
175										32.1	229	18.9			
180										26.3	220	18.1			
222													37.0	200	5.8
225													34.8	196	5.7
230													29.5	188	5.4
235													23.1	177	5.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 115 ft luffing jib 181 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	304	76.6												
45	77.7	304	76.6												
50	75.2	302	75.6												
55	72.5	301	74.3												
60				75.0	301	76.1									
60	69.9	299	72.8	75.0	301	76.1									
65	67.2	297	71.1	72.4	300	75.8									
70	64.4	295	69.1	69.7	298	74.9									
75	61.6	292	67.6	67.0	296	73.6									
80	58.7	289	61.6	64.2	294	71.8									
85	55.7	286	59.4	61.4	291	70.5									
90	52.6	282	57.6	58.5	288	66.0									
95	49.3	278	55.3	55.5	284	61.7									
100	45.9	273	51.1	52.3	281	57.9									
100							67.0	291	49.2						
105	42.2	268	47.2	49.1	276	54.5	64.4	289	46.5						
110	38.3	261	43.8	45.6	272	51.5	61.6	286	43.8						
115	33.9	254	41.0	41.9	266	48.7	58.7	283	41.4						
120	29.0	246	39.0	38.0	260	46.1	55.7	280	39.2						
125	23.0	235	37.0	33.6	253	43.8	52.6	276	37.3						
130				28.6	244	41.7	49.3	272	35.4						
135				22.6	233	39.7	45.9	267	33.7						
140							43.1	263	32.2						
145							39.2	257	30.8						
148										57.0	270	23.1			
150							34.9	250	29.4	56.6	270	22.9			
155							30.2	242	28.2	53.5	266	21.9			
160							24.5	232	26.8	50.3	262	21.0			
165										46.9	257	20.1			
170										43.3	252	19.2			
175										39.4	246	18.5			
180										35.2	240	17.7			
185										30.5	232	17.0			
190										24.9	222	16.3			
229													37.0	206	4.9
230													37.0	206	4.9
235													33.1	199	4.6
240													28.0	190	4.3
245													21.8	179	4.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 125 ft luffing jib 181 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	314	69.2												
50	76.4	313	69.2												
55	74.0	311	67.7												
60	71.5	310	66.4												
63				75.0	311	68.6									
65	69.1	308	62.6	73.8	310	68.5									
70	66.6	306	60.7	71.4	309	68.2									
75	64.0	303	59.0	68.9	307	67.2									
80	61.4	300	57.7	66.4	304	66.0									
85	58.8	297	55.5	63.9	302	61.1									
90	56.0	294	53.6	61.2	299	60.0									
95	53.1	290	51.9	58.6	296	58.1									
100	50.2	286	50.5	55.8	293	56.3									
104							67.0	300	46.6						
105	47.1	282	47.0	52.9	289	54.3	66.6	300	46.2						
110	43.8	277	43.8	50.0	285	51.3	64.0	297	43.5						
115	40.3	271	40.9	46.8	281	48.5	61.4	295	41.2						
120	36.5	264	38.4	43.5	275	46.0	58.7	292	39.0						
125	32.3	257	36.4	40.0	270	43.6	56.0	288	37.0						
130	27.6	248	34.6	36.2	263	41.5	53.1	285	35.2						
135	23.3	239	18.0	32.0	255	39.6	50.2	281	33.5						
140				27.2	246	37.7	47.8	277	32.0						
145				21.4	235	36.0	44.5	272	30.6						
150							41.1	266	29.2						
154										57.0	279	21.7			
155							37.4	260	28.0	56.8	278	21.6			
160							33.3	253	26.8	54.0	275	20.7			
165							28.7	244	25.7	51.1	271	19.8			
170							23.3	233	23.7	48.0	266	19.0			
175										44.8	261	18.2			
180										41.3	256	17.4			
185										37.6	250	16.7			
190										33.6	242	16.1			
195										29.0	234	15.4			
200										23.7	223	14.8			
237													37.0	212	4.2
240													35.8	209	4.1
245													31.5	202	3.8
250													26.6	192	3.6
255													20.7	180	3.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 135 ft luffing jib 181 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	323	59.1												
50	77.4	323	59.1												
55	75.2	321	58.4												
60	72.9	320	57.5												
65	70.7	318	56.4	75.0	320	58.4									
70	68.4	316	55.2	72.8	319	58.2									
75	66.1	314	53.6	70.5	317	57.7									
80	63.7	312	52.3	68.2	315	56.7									
85	61.3	309	51.3	65.9	313	55.4									
90	58.8	306	49.4	63.5	311	54.2									
95	56.3	303	47.8	61.1	308	53.3									
100	53.6	299	46.3	58.6	305	51.7									
105	50.9	295	45.2	56.1	301	50.2									
108							67.0	309	44.1						
110	48.1	291	42.7	53.4	298	48.9	66.1	308	43.1						
115	45.1	286	40.0	50.7	294	47.9	63.7	306	40.7						
120	41.9	280	37.5	47.9	289	45.1	61.3	303	38.5						
125	38.6	274	35.2	44.9	284	42.5	58.8	300	36.6						
130	34.9	267	33.2	41.7	279	40.0	56.3	297	34.7						
135	31.9	261	18.0	38.3	273	37.9	53.6	293	33.1						
140	27.5	252	17.1	34.7	266	36.0	51.5	290	30.9						
145	22.2	241	16.1	30.6	258	34.6	48.7	286	29.9						
150				26.0	248	33.1	45.8	281	28.7						
155				21.8	239	17.6	42.7	276	27.5						
159										57.0	287	20.4			
160							39.4	270	26.4	57.0	287	20.2			
165							35.8	263	25.3	54.4	283	19.3			
170							31.9	255	24.1	51.7	279	18.5			
175							27.5	246	22.5	48.9	275	17.7			
180							22.2	235	20.9	46.0	270	17.0			
185										42.9	265	16.3			
190										39.6	259	15.6			
195										36.0	252	15.0			
200										32.1	245	14.4			
205										27.7	236	13.8			
210										22.6	225	13.3			
245													37.0	217	3.1
250													34.2	212	3.0
255													30.1	204	2.7
260													25.4	194	2.5
265													19.6	181	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 144 ft luffing jib 181 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	333	53.1												
55	76.2	332	52.9												
60	74.1	330	52.2												
65	72.1	329	51.3												
68				75.0	330	52.5									
70	70.0	327	50.3	74.0	329	52.4									
75	67.8	325	49.3	71.9	328	52.2									
80	65.6	323	48.0	69.8	326	51.6									
85	63.4	320	46.9	67.7	324	50.8									
90	61.2	317	46.0	65.5	322	49.6									
95	58.9	314	44.4	63.3	319	48.7									
100	56.5	311	43.0	61.0	316	47.9									
105	54.0	308	41.8	58.7	313	46.5									
110	51.5	304	40.8	56.3	310	45.2									
112							67.0	318	41.7						
115	48.9	299	39.1	53.9	306	44.1	65.6	317	40.2						
120	46.2	295	36.7	51.3	302	43.2	63.4	314	38.1						
125	43.3	289	34.5	48.7	298	41.3	61.2	312	36.1						
130	41.0	285	19.1	46.0	293	38.9	58.8	309	34.3						
135	37.8	279	17.9	43.1	288	36.7	57.0	306	30.2						
140	34.4	272	17.0	40.1	282	34.8	54.6	303	29.1						
145	30.6	264	16.2	37.6	277	19.8	52.1	299	28.3						
150	26.3	254	15.5	34.1	270	18.7	49.5	295	27.5						
155	21.2	242	14.7	30.3	262	17.8	46.8	290	26.3						
160				26.0	252	16.9	44.0	285	25.3						
164									57.0	295	18.9				
165				20.8	240	16.0	41.0	279	24.3	57.0	295	18.8			
170							37.8	273	23.5	54.8	292	18.0			
175							34.4	266	22.6	52.3	288	17.3			
180							30.6	258	21.3	49.7	284	16.5			
185							26.3	248	20.0	47.0	279	15.9			
190							21.2	236	18.7	44.2	274	15.2			
195										41.2	269	14.6			
200										38.0	262	14.0			
205										34.6	255	13.4			
210										30.8	247	12.9			
215										26.6	238	12.4			
220										21.6	226	11.9			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 154 ft luffing jib 181 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	342	47.3												
55	77.1	342	47.3												
60	75.2	341	46.7												
65	73.2	339	46.0												
70	71.3	337	45.2												
70				75.0	339	46.6									
75	69.3	335	44.5	73.1	338	46.5									
80	67.3	333	43.5	71.1	336	46.2									
85	65.3	331	42.4	69.2	334	45.6									
90	63.2	329	41.5	67.2	332	45.0									
95	61.1	326	40.7	65.1	330	43.9									
100	58.9	323	39.4	63.0	328	43.1									
105	56.7	320	38.3	60.9	325	42.4									
110	54.4	316	37.2	58.7	322	41.2									
115	52.1	312	36.3	56.5	319	40.2									
116							67.0	327	39.6						
120	49.6	308	35.4	54.2	315	39.3	65.2	325	37.8						
125	47.1	304	33.8	51.9	311	38.5	63.2	323	35.8						
130	45.1	300	19.2	49.5	307	37.4	61.1	320	34.0						
135	42.4	294	18.3	46.9	302	35.8	59.4	318	32.4						
140	39.5	288	17.4	44.3	297	34.3	57.2	315	30.9						
145	36.4	282	16.7	42.2	293	20.2	54.9	311	29.5						
150	33.1	274	16.0	39.3	287	19.2	52.6	307	28.2						
155	29.4	266	15.3	36.2	280	18.4	50.2	303	26.9						
160	25.3	256	14.6	32.9	273	17.5	47.7	299	25.8						
165	20.3	244	13.8	29.2	264	16.6	45.1	294	24.7						
170										57.0	303	17.7			
170				25.0	254	15.8	42.4	288	23.7	57.0	303	17.6			
175				19.9	242	14.9	39.5	283	22.7	55.1	300	17.0			
180							36.4	276	21.8	52.8	297	16.2			
185							33.1	269	21.0	50.4	292	15.6			
190							29.4	260	20.1	47.9	288	14.9			
195							25.3	250	18.9	45.3	283	14.3			
200							20.3	238	17.6	42.6	278	13.7			
205										39.7	272	13.2			
210										36.6	265	12.6			
215										33.3	258	12.1			
220										29.7	250	11.6			
225										25.5	240	11.2			
230										20.6	227	10.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 164 ft luffing jib 181 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	352	42.6												
55	77.9	352	42.6												
60	76.1	351	42.2												
65	74.3	349	41.7												
70	72.5	348	41.0												
73				75.0	349	41.7									
75	70.6	346	40.3	74.2	348	41.7									
80	68.7	344	39.7	72.3	347	41.6									
85	66.8	342	38.8	70.5	345	41.2									
90	64.9	340	37.9	68.6	343	40.8									
95	63.0	337	37.1	66.7	341	40.2									
100	61.0	334	36.5	64.8	339	39.3									
105	58.9	331	35.4	62.8	336	38.6									
110	56.9	328	34.4	60.8	333	37.9									
115	54.7	325	33.5	58.8	330	36.9									
120							67.0	336	37.5						
120	53.0	322	21.4	56.7	327	36.1	66.8	336	37.3						
125	50.8	318	19.4	54.6	323	35.3	64.9	334	35.4						
130	48.5	313	18.7	52.4	320	34.6	62.9	331	33.6						
135	46.1	309	18.0	50.1	316	33.9	61.4	329	32.0						
140	43.6	304	17.4	48.3	312	20.2	59.4	326	30.5						
145	40.9	298	16.9	45.9	307	19.5	57.3	323	29.1						
150	38.1	292	16.3	43.4	302	18.9	55.2	320	27.8						
155	35.2	285	15.9	40.7	296	18.4	53.0	316	26.5						
160	31.9	277	15.2	37.9	290	17.9	50.8	312	25.4						
165	28.4	268	14.5	34.9	283	17.3	48.5	308	24.3						
170	24.3	258	13.8	31.7	275	16.5	46.1	303	23.3						
175										57.0	312	16.4			
175	19.5	245	13.2	28.1	266	15.7	43.6	298	22.3	57.0	312	16.3			
180				24.0	256	14.8	40.9	292	21.5	55.3	309	15.8			
185				19.1	243	13.9	38.1	286	20.6	53.2	305	15.1			
190							35.2	279	19.8	50.9	301	14.5			
195							31.9	271	19.0	48.6	297	13.9			
200							28.4	262	18.3	46.2	292	13.3			
205							24.3	252	17.6	43.7	287	12.7			
210							19.5	239	16.8	41.1	281	12.2			
215										38.3	275	11.7			
220										35.3	268	11.2			
225										32.1	261	10.8			
230										28.6	252	10.3			
235										24.6	241	9.9			
240										19.8	229	9.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 174 ft luffing jib 181 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	362	38.0												
60	76.9	361	37.9												
65	75.2	360	37.4												
70	73.5	358	37.0												
75	71.7	356	36.4												
75				75.0	358	37.2									
80	70.0	355	35.8	73.4	357	37.2									
85	68.2	353	35.3	71.6	355	37.0									
90	66.4	351	34.5	69.9	354	36.7									
95	64.6	348	33.8	68.1	352	36.4									
100	62.8	346	33.2	66.3	349	35.9									
105	61.3	344	30.1	64.5	347	35.3									
110	59.4	341	27.3	62.6	345	34.8									
115	57.5	337	24.9	60.7	342	34.3									
120	55.5	334	22.6	58.8	339	33.6									
123							67.0	345	35.2						
125	53.4	330	20.7	57.3	336	27.0	66.4	345	34.9						
130	51.3	326	19.0	55.3	333	25.2	64.6	342	33.2						
135	49.2	322	18.0	53.3	329	23.7	63.2	340	31.6						
140	46.9	318	17.1	51.2	325	22.4	61.3	338	30.1						
145	44.6	313	16.3	49.0	321	21.1	59.4	335	28.6						
150	42.2	307	15.6	46.8	316	19.9	57.5	332	27.3						
155	39.6	301	14.9	44.4	311	18.8	55.5	328	26.1						
160	36.9	295	14.3	42.0	306	17.8	53.4	325	25.0						
165	34.0	287	13.8	39.4	300	16.8	51.3	321	23.9						
170	30.9	279	13.4	36.7	293	15.9	49.2	316	22.9						
175	27.4	270	12.9	33.8	286	15.3	46.9	312	22.0						
180	23.5	259	12.5	30.6	278	14.8	44.6	307	21.1						
180										57.0	320	15.1			
185	18.8	246	12.0	27.2	269	14.2	42.2	301	20.2	55.6	317	14.6			
190				23.2	258	13.7	39.6	295	19.3	53.5	314	14.0			
195				18.4	244	13.1	36.9	289	18.4	51.5	310	13.4			
200							34.0	282	17.6	49.3	306	12.8			
205							30.9	274	16.8	47.1	301	12.3			
210							27.4	264	16.1	44.7	296	11.8			
215							23.5	253	15.3	42.3	291	11.3			
220							18.7	240	14.5	39.8	285	10.8			
225										37.1	278	10.4			
230										34.2	271	9.9			
235										31.1	263	9.5			
240										27.6	254	9.1			
245										23.7	243	8.7			
250										19.1	230	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 184 ft luffing jib 181 [ft] (2220), 184 [ft] (1311)</b>															
59	78.0	371	34.2												
60	77.6	371	34.2												
65	76.0	370	33.9												
70	74.4	368	33.6												
75	72.8	367	33.2												
78				75.0	368	33.6									
80	71.5	366	31.0	74.3	367	33.6									
85	69.8	364	30.7	72.6	366	33.5									
90	68.2	362	30.1	71.0	364	33.2									
95	66.5	360	29.1	69.7	363	30.9									
100	64.7	357	28.3	68.0	361	30.5									
105	63.0	355	27.7	66.3	359	29.8									
110	61.2	352	26.9	64.6	356	29.1									
115	59.4	349	24.9	62.9	354	28.5									
120	57.6	346	23.0	61.1	351	27.9									
125	55.7	343	21.4	59.3	348	26.9									
127							67.0	354	29.0						
130	53.8	339	19.9	57.4	345	25.9	66.5	354	28.9						
135	51.8	335	18.7	55.6	341	25.0	64.7	351	28.9						
140	49.8	331	17.5	53.6	338	24.3	63.0	349	28.8						
145	47.7	326	16.5	51.6	334	23.6	61.2	346	28.3						
150	45.5	322	15.6	49.6	330	22.3	59.4	343	27.0						
155	43.2	316	14.7	47.5	325	20.7	57.6	340	25.8						
160	40.9	311	13.9	45.3	320	19.1	55.7	337	24.7						
165	38.4	304	13.2	43.1	315	17.7	53.8	333	23.2						
170	35.8	298	12.5	40.7	309	16.4	51.8	329	21.6						
175	33.0	290	12.2	38.2	303	15.2	49.7	325	20.2						
180	29.9	282	11.9	35.6	296	14.2	47.7	320	19.2						
185	26.5	272	11.7	32.7	289	13.8	45.5	316	18.3						
186										57.0	328	14.1			
190	22.7	261	11.4	29.7	280	13.5	43.2	310	17.4	55.8	326	13.7			
195	18.1	247	11.2	26.3	270	13.2	40.9	305	16.6	53.9	322	13.1			
200				22.4	259	12.9	38.4	299	15.8	51.9	318	12.5			
205				17.7	245	12.5	35.8	292	15.2	49.9	314	12.0			
210							32.9	284	14.7	47.8	310	11.5			
215							29.9	276	14.2	45.6	305	11.0			
220							26.5	266	13.7	43.4	300	10.5			
225							22.7	255	13.2	41.0	294	10.1			
230										38.5	288	9.6			
235										35.9	281	9.2			
240										33.1	274	8.8			
245										30.1	265	8.5			
250										26.7	256	8.1			
255										22.9	245	7.7			
260										18.4	231	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 194 ft luffing jib 181 [ft] (2220), 194 [ft] (1311)</b>															
61	78.0	381	27.9												
65	77.1	380	27.9												
70	75.6	379	27.7												
75	74.0	378	27.6												
80	72.5	376	27.3												
80				75.0	377	27.6									
85	70.9	374	27.0	73.9	376	27.6									
90	69.3	372	26.8	72.4	375	27.5									
95	67.7	370	26.3	70.8	373	27.3									
100	66.1	368	25.7	69.2	371	27.0									
105	64.5	366	25.2	67.6	369	26.7									
110	62.8	363	24.8	66.0	367	26.1									
115	61.1	360	24.2	64.4	365	25.6									
120	59.4	358	22.9	62.7	362	25.3									
125	57.7	354	21.6	61.0	359	24.8									
130	55.9	351	20.5	59.3	356	24.0									
131							67.0	363	25.2						
135	54.1	347	19.5	57.5	353	23.2	66.1	362	25.2						
140	52.2	344	18.6	55.8	350	22.5	64.5	360	25.2						
145	50.3	340	17.8	53.9	346	21.8	62.8	357	25.0						
150	48.3	335	17.1	52.1	342	21.3	61.1	355	24.8						
155	46.3	330	16.3	50.1	338	20.5	59.4	352	24.5						
160	44.2	325	15.6	48.2	334	19.5	57.7	349	24.1						
165	42.0	320	15.0	46.1	329	18.5	55.9	345	23.1						
170	39.7	314	14.4	44.0	324	17.6	54.1	342	22.1						
175	37.3	308	13.8	41.8	319	16.7	52.2	338	21.3						
180	34.7	300	13.3	39.5	313	15.9	50.3	334	20.4						
185	32.0	293	12.9	37.1	306	15.2	48.3	329	19.6						
190	29.0	284	12.5	34.5	299	14.6	46.3	325	18.5						
191										57.0	336	13.0			
195	25.7	274	12.0	31.8	291	14.0	44.2	319	17.4	56.0	334	12.6			
200	21.9	262	11.6	28.8	282	13.4	42.0	314	16.5	54.2	331	12.1			
205	17.4	248	11.1	25.5	272	12.9	39.7	308	15.6	52.3	327	11.5			
210				21.7	261	12.3	37.3	302	14.8	50.4	323	11.0			
215				17.0	246	11.7	34.7	295	14.2	48.4	319	10.5			
220							32.0	287	13.7	46.4	314	10.1			
225							29.0	278	13.3	44.3	309	9.6			
230							25.7	268	12.8	42.1	303	9.2			
235							21.9	256	12.4	39.8	297	8.8			
240										37.4	291	8.4			
245										34.9	284	8.1			
250										32.1	276	7.7			
255										29.2	268	7.3			
260										25.9	258	7.0			
265										22.2	246	6.7			
270										17.7	232	6.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 203 ft luffing jib 181 [ft] (2220), 203 [ft] (1311)</b>															
63	78.0	391	24.8												
65	77.7	390	24.8												
70	76.3	389	24.7												
75	74.8	388	24.5												
80	73.4	386	24.4												
83				75.0	387	24.4									
85	71.9	385	24.1	74.7	387	24.4									
90	70.4	383	23.8	73.2	385	24.3									
95	68.9	381	23.6	71.8	384	24.3									
100	67.3	379	23.3	70.3	382	24.0									
105	65.8	377	23.0	68.8	380	23.8									
110	64.2	374	22.7	67.2	378	23.5									
115	62.7	372	22.5	65.7	376	23.2									
120	61.1	369	22.1	64.1	373	22.9									
125	59.4	366	21.3	62.5	371	22.6									
130	57.8	363	20.5	60.9	368	22.3									
135							67.0	373	23.6						
135	56.1	360	19.8	59.3	365	21.6	67.0	373	22.2						
140	54.3	356	19.1	57.6	362	20.9	65.8	371	22.2						
145	52.6	352	18.5	55.9	358	20.4	64.2	368	22.1						
150	50.8	348	18.0	54.2	355	19.8	62.7	366	22.0						
155	48.9	344	17.5	52.4	351	19.4	61.0	363	21.8						
160	47.0	339	16.9	50.6	347	18.9	59.4	360	21.7						
165	45.0	334	16.3	48.8	343	18.3	57.8	357	21.5						
170	43.0	329	15.8	46.8	338	17.8	56.1	354	21.2						
175	40.8	323	15.3	44.9	333	17.2	54.3	350	20.9						
180	38.6	317	14.9	42.8	328	16.7	52.6	346	20.0						
185	36.2	311	14.5	40.7	322	16.3	50.8	342	19.2						
190	33.7	303	14.0	38.4	316	15.8	48.9	338	18.4						
195	31.1	295	13.4	36.1	309	15.4	47.0	333	17.6						
196										57.0	345	11.8			
200	28.2	286	12.8	33.6	302	14.8	45.0	328	16.9	56.2	343	11.5			
205	24.9	276	12.2	30.9	294	14.1	42.9	323	16.3	54.4	339	11.0			
210	21.3	264	11.6	27.9	284	13.3	40.8	317	15.6	52.7	336	10.5			
215	16.8	249	11.0	24.7	274	12.5	38.6	311	14.7	50.9	332	10.0			
220				21.0	262	11.8	36.2	305	13.8	49.0	327	9.6			
225							33.7	297	13.3	47.1	323	9.2			
230							31.1	289	12.9	45.1	318	8.8			
235							28.2	280	12.5	43.1	312	8.4			
240							24.9	270	12.1	40.9	307	8.0			
245							21.3	258	11.7	38.7	301	7.6			
250										36.4	294	7.3			
255										33.9	287	6.9			
260										31.2	279	6.6			
265										28.3	270	6.3			
270										25.1	260	6.0			
275										21.5	248	5.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 66 ft luffing jib 191 [ft] (2220), 66 [ft] (1311)</b>															
35	78.0	266	97.2												
35	77.9	266	97.2												
40	73.4	264	97.2												
45	68.7	262	97.2												
48				75.0	264	97.2									
50	63.9	260	97.2	73.5	263	97.2									
55	58.8	257	96.8	68.9	261	97.2									
60	53.4	253	96.2	64.0	259	97.2									
65	47.6	249	94.0	59.0	256	96.3									
70	41.2	243	89.9	53.6	252	91.3									
75	33.6	236	86.4	47.8	248	83.8									
80	24.0	227	80.8	41.4	243	77.3									
84							67.0	255	62.8						
85				33.9	236	71.7	65.7	255	61.6						
90				24.4	226	66.7	60.7	252	57.4						
95							55.5	248	53.7						
100							49.8	244	50.4						
105							43.6	239	47.4						
110							36.6	233	44.7						
115							27.9	224	42.2						
126										57.0	238	29.8			
130										53.4	235	28.8			
135										47.5	231	27.4			
140										41.1	226	26.1			
145										33.5	218	24.9			
150										23.8	209	23.8			
197													37.0	183	7.8
200													34.3	180	7.7
205													24.8	171	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>76 ft luffing jib</b> <b>191 [ft] (2220), 75 [ft] (1311)</b>															
37	78.0	275	97.2												
40	75.6	274	97.2												
45	71.6	273	97.2												
50	67.5	271	97.1												
51				75.0	273	97.2									
55	63.3	268	96.0	71.8	272	97.2									
60	58.9	265	93.4	67.7	270	97.2									
65	54.3	262	89.5	63.4	267	95.0									
70	49.3	258	86.4	59.0	264	91.0									
75	44.0	253	82.3	54.4	261	83.5									
80	38.0	247	78.8	49.5	257	77.1									
85	31.0	239	75.1	44.1	252	71.5									
88							67.0	264	59.0						
90	21.9	228	70.1	38.2	246	66.6	64.9	263	56.9						
95				31.2	238	62.3	60.6	260	53.2						
100				22.2	227	58.4	56.0	257	50.0						
105							51.2	253	47.0						
110							46.0	248	44.4						
115							40.3	243	42.0						
120							33.7	236	39.8						
125							25.6	226	37.7						
131										57.0	246	27.8			
135										54.2	244	27.0			
140										49.2	240	25.7			
145										43.9	235	24.5			
150										37.9	229	23.4			
155										30.8	221	22.4			
160										21.7	210	21.4			
205													37.0	189	6.8
205													37.0	189	6.8
210													31.5	183	6.5
215													22.7	172	6.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 85 ft luffing jib 191 [ft] (2220), 85 [ft] (1311)</b>															
39	78.0	285	96.5												
40	77.3	285	96.5												
45	73.8	283	95.7												
50	70.3	281	93.2												
54				75.0	283	95.5									
55	66.6	279	90.1	73.9	282	95.5									
60	62.9	277	87.1	70.4	280	94.2									
65	59.0	274	83.9	66.7	278	90.7									
70	54.9	270	80.6	63.0	276	87.2									
75	50.6	266	78.0	59.1	273	83.2									
80	46.0	262	74.4	55.0	270	76.8									
85	41.0	256	70.9	50.7	266	71.2									
90	35.3	249	68.0	46.1	261	66.4									
91							67.0	273	55.4						
95	28.7	241	50.6	41.1	255	61.7	64.3	272	52.8						
100	20.1	229	46.7	35.5	249	58.3	60.4	269	49.5						
105				29.0	240	54.8	56.4	266	46.6						
110				20.5	229	51.5	52.2	262	44.0						
115							47.7	257	41.6						
120							42.9	252	39.4						
125							37.5	246	37.4						
130							31.3	238	35.6						
135							23.7	228	33.8						
136										57.0	254	25.9			
140										54.8	253	25.2			
145										50.5	249	24.1			
150										45.9	244	23.0			
155										40.9	238	22.0			
160										35.3	232	21.0			
165										28.6	223	20.1			
170										20.0	211	19.2			
213													37.0	195	5.8
215													35.8	193	5.7
220													29.3	185	5.4
225													20.9	174	5.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>95 ft luffing jib</b> <b>191 [ft] (2220), 95 [ft] (1311)</b>															
41	78.0	294	88.1												
45	75.6	293	87.5												
50	72.4	292	85.8												
55	69.2	290	83.8												
56				75.0	292	87.0									
60	65.9	288	81.0	72.5	291	86.7									
65	62.5	285	78.6	69.3	289	85.0									
70	59.0	282	76.0	66.0	287	82.5									
75	55.4	279	73.1	62.6	284	79.9									
80	51.6	275	70.9	59.1	281	76.6									
85	47.5	271	68.3	55.5	278	71.1									
90	43.2	265	56.5	51.7	274	66.2									
95	38.5	259	51.9	47.7	270	62.0									
95							67.0	282	52.4						
100	33.2	252	48.2	43.4	265	58.1	63.8	280	49.3						
105	26.9	243	45.0	38.6	259	54.7	60.3	277	46.4						
110	18.7	230	41.8	33.3	251	51.6	56.7	274	43.7						
115				27.1	242	48.8	53.0	270	41.4						
120				19.0	230	46.0	49.1	266	39.2						
125							44.8	261	37.2						
130							40.3	256	35.4						
135							35.2	249	33.7						
140							30.8	243	31.0						
142										57.0	263	24.3			
145							24.0	232	29.0	55.3	261	23.8			
150										51.5	257	22.7			
155										47.5	253	21.7			
160										43.1	248	20.8			
165										38.4	241	19.9			
170										33.1	234	19.1			
175										26.8	225	18.3			
180										18.5	212	17.5			
221													37.0	201	5.0
225													33.6	196	4.8
230													27.4	187	4.6
235													19.4	175	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 105 ft luffing jib 191 [ft] (2220), 105 [ft] (1311)</b>															
43	78.0	304	79.1												
45	76.9	304	79.1												
50	74.1	302	77.9												
55	71.2	301	76.2												
59				75.0	302	78.5									
60	68.3	299	74.5	74.2	301	78.4									
65	65.3	296	72.2	71.3	300	78.0									
70	62.2	294	70.3	68.4	298	76.6									
75	59.1	291	68.0	65.4	295	74.7									
80	55.8	287	65.6	62.3	293	72.8									
85	52.4	284	59.9	59.2	290	70.6									
90	48.8	279	57.2	55.9	287	65.9									
95	45.0	274	52.8	52.5	283	61.6									
99							67.0	291	49.4						
100	40.9	269	48.8	48.9	279	57.8	66.4	291	48.8						
105	36.4	262	45.3	45.1	274	54.5	63.4	289	45.9						
110	31.3	255	42.5	41.0	268	51.4	60.2	286	43.3						
115	25.3	245	39.8	36.5	262	48.6	57.0	283	40.9						
120	19.5	235	19.6	31.5	254	46.1	53.6	279	38.8						
125				25.5	244	43.7	50.1	275	36.8						
130				17.7	231	40.7	46.4	270	35.0						
135							42.4	265	33.4						
140							39.1	260	31.9						
145							34.4	253	30.4						
147										57.0	271	22.6			
150							29.1	245	29.1	55.7	270	22.2			
155							22.5	234	26.9	52.3	266	21.3			
160										48.7	262	20.3			
165										44.9	257	19.5			
170										40.8	251	18.6			
175										36.3	244	17.9			
180										31.2	237	17.1			
185										25.2	227	16.4			
190										17.3	213	15.7			
229													37.0	207	4.0
230													36.7	206	4.0
235													31.7	199	3.8
240													25.8	189	3.5
245													18.1	176	3.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 115 ft luffing jib 191 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	314	71.8												
50	75.5	312	71.1												
55	72.9	311	69.9												
60	70.3	309	68.5												
61				75.0	311	71.2									
65	67.6	307	66.9	73.0	310	71.0									
70	64.8	305	62.0	70.3	308	70.3									
75	62.0	302	60.5	67.6	306	69.1									
80	59.1	299	58.4	64.9	304	67.5									
85	56.1	296	56.2	62.1	301	66.1									
90	53.0	292	54.3	59.2	298	60.8									
95	49.8	288	52.6	56.2	295	58.8									
100	46.3	283	48.8	53.1	291	57.0									
103							67.0	301	46.6						
105	42.7	278	45.3	49.9	287	54.1	65.8	300	45.4						
110	38.8	272	42.2	46.5	283	51.1	63.0	297	42.8						
115	34.5	265	39.6	42.8	277	48.3	60.2	294	40.5						
120	29.7	257	37.4	38.9	271	45.8	57.2	291	38.4						
125	23.9	246	35.2	34.7	264	43.5	54.2	287	36.4						
130	18.4	236	17.8	29.9	256	41.4	51.0	284	34.6						
135				24.1	246	39.0	48.4	280	32.5						
140				18.6	235	19.4	44.9	275	31.5						
145							41.2	270	30.1						
150							37.2	263	28.7						
152										57.0	279	21.1			
155							32.7	256	27.5	56.1	278	20.8			
160							27.5	247	26.3	53.0	274	19.8			
165							21.2	235	24.3	49.7	270	19.0			
170										46.3	266	18.2			
175										42.7	260	17.4			
180										38.8	254	16.7			
185										34.5	247	16.0			
190										29.6	239	15.4			
195										23.9	229	14.7			
200										16.2	214	14.1			
236													37.0	213	3.0
240													34.9	209	2.9
245													30.1	201	2.7
250													24.4	191	2.5
255													17.0	177	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 125 ft luffing jib 191 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	323	61.9												
50	76.7	323	61.9												
55	74.3	321	60.9												
60	71.9	320	59.7												
64				75.0	321	61.0									
65	69.4	318	58.5	74.4	320	61.0									
70	66.9	316	56.8	72.0	319	60.7									
75	64.4	313	55.1	69.5	317	59.7									
80	61.8	311	53.9	67.0	315	58.6									
85	59.1	308	52.0	64.5	312	57.1									
90	56.4	304	50.1	61.9	310	55.9									
95	53.5	301	48.5	59.2	307	54.3									
100	50.6	297	47.2	56.5	304	52.6									
105	47.5	292	44.3	53.6	300	51.2									
107							67.0	310	44.2						
110	44.2	287	41.4	50.7	296	50.0	65.3	308	42.5						
115	40.8	282	38.7	47.6	291	47.4	62.8	306	40.2						
120	37.0	275	36.4	44.3	286	45.0	60.1	303	38.1						
125	32.9	268	34.4	40.9	281	42.7	57.4	300	36.1						
130	29.4	261	18.0	37.2	274	40.7	54.6	296	34.3						
135	24.1	251	17.0	33.1	267	38.8	52.4	293	32.6						
140	17.3	237	16.0	28.4	258	36.6	49.4	289	31.2						
145				22.9	247	34.5	46.2	284	29.8						
150				17.6	236	17.4	42.9	279	28.5						
155							39.3	273	27.3						
158										57.0	287	19.8			
160							35.4	266	26.1	56.3	287	19.5			
165							31.1	258	24.9	53.5	283	18.7			
170							26.2	249	23.2	50.5	279	17.9			
175							20.1	236	21.5	47.5	274	17.2			
180										44.2	269	16.4			
185										40.7	264	15.8			
190										37.0	257	15.1			
195										32.9	250	14.5			
200										28.2	241	13.9			
205										22.6	230	13.4			
244													37.0	219	2.3
245													37.0	219	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 135 ft luffing jib 191 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	333	56.0												
50	77.7	333	56.0												
55	75.5	332	55.5												
60	73.3	330	54.6												
65	71.0	328	53.5												
66				75.0	330	55.3									
70	68.7	326	52.5	73.3	329	55.1									
75	66.4	324	50.9	71.1	327	54.7									
80	64.0	322	49.6	68.8	325	53.7									
85	61.6	319	48.6	66.5	323	52.6									
90	59.2	316	46.9	64.1	321	51.4									
95	56.6	313	45.3	61.7	318	50.5									
100	54.0	309	44.0	59.2	315	49.1									
105	51.3	305	42.8	56.7	312	47.6									
110	48.5	301	40.8	54.1	309	46.4									
111							67.0	319	41.8						
115	45.5	296	38.3	51.4	305	45.3	64.9	317	39.7						
120	42.4	291	35.9	48.5	300	43.5	62.5	314	37.6						
125	39.0	285	33.8	45.6	295	41.3	60.1	311	35.7						
130	36.3	280	18.1	42.5	290	39.3	57.6	308	33.9						
135	32.5	272	17.2	39.2	284	37.5	55.6	305	31.5						
140	28.1	263	16.4	35.6	277	36.0	52.9	302	30.3						
145	23.0	252	15.6	31.6	270	34.3	50.2	298	29.3						
150				28.3	263	18.0	47.3	293	28.0						
155				23.2	252	17.1	44.3	288	26.6						
160				16.6	237	16.0	41.1	282	25.4						
163										57.0	296	18.3			
165											295	18.2			
170							37.7	276	24.3	56.6	295	18.2			
175							33.9	269	23.3	54.0	292	17.4			
180							29.8	261	21.9	51.2	288	16.7			
185							25.0	251	20.6	48.4	283	16.0			
190							19.1	238	19.3	45.5	278	15.3			
195										42.3	273	14.7			
200										39.0	267	14.1			
205										35.4	260	13.5			
210										31.4	252	13.0			
215										26.9	243	12.5			
										21.6	231	11.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom                      144 ft luffing jib                      191 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	343	50.1												
55	76.5	342	50.1												
60	74.4	340	49.3												
65	72.4	339	48.4												
69				75.0	340	49.5									
70	70.2	337	47.5	74.5	339	49.5									
75	68.1	335	46.5	72.4	338	49.3									
80	65.9	333	45.2	70.3	336	48.7									
85	63.7	330	44.1	68.2	334	47.8									
90	61.5	328	43.3	66.0	332	46.8									
95	59.2	325	41.9	63.8	329	45.8									
100	56.8	321	40.5	61.6	327	45.0									
105	54.4	318	39.3	59.2	324	43.8									
110	51.9	314	38.3	56.9	321	42.6									
114							67.0	328	39.5						
115	49.3	310	37.0	54.5	317	41.5	66.7	327	39.3						
120	46.6	305	34.8	52.0	313	40.6	64.6	325	37.2						
125	44.4	301	19.5	49.4	309	39.3	62.3	322	35.2						
130	41.4	296	18.2	46.6	304	37.4	60.0	320	33.5						
135	38.3	290	17.0	43.8	299	35.7	58.2	317	31.6						
140	34.9	283	16.1	40.8	294	34.1	55.9	314	29.8						
145	31.1	275	15.5	38.4	289	18.9	53.4	310	28.1						
150	26.9	265	14.9	35.0	282	17.8	50.9	306	26.7						
155	22.0	254	14.3	31.3	274	17.1	48.2	302	25.4						
160				27.1	265	16.3	45.4	297	24.2						
165				22.2	253	15.5	42.5	292	23.0						
168										57.0	304	17.0			
170										56.8	304	16.9			
175										54.3	300	16.2			
180										51.8	296	15.5			
185										49.2	292	14.9			
190										46.5	287	14.2			
195										43.7	282	13.7			
200										40.7	276	13.1			
205										37.5	270	12.6			
210										34.0	263	12.0			
215										30.2	255	11.6			
220										25.8	245	11.1			
225										20.6	233	10.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 154 ft luffing jib 191 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	352	45.2												
55	77.4	352	45.2												
60	75.5	351	44.7												
65	73.5	349	44.2												
70	71.6	347	43.3												
71				75.0	349	44.5									
75	69.6	346	42.6	73.6	348	44.4									
80	67.6	344	41.6	71.6	347	44.3									
85	65.5	341	40.6	69.6	345	43.6									
90	63.5	339	39.7	67.6	343	42.9									
95	61.4	336	39.0	65.6	340	42.0									
100	59.2	333	37.8	63.5	338	41.2									
105	57.0	330	36.7	61.4	335	40.5									
110	54.7	326	35.7	59.3	332	39.6									
115	52.4	323	34.8	57.1	329	38.8									
118							67.0	337	37.6						
120	50.0	319	34.0	54.8	326	38.0	66.3	336	36.9						
125	48.1	315	19.9	52.5	322	37.4	64.2	334	34.9						
130	45.5	310	18.7	50.1	318	36.6	62.1	331	33.2						
135	42.8	305	17.7	47.6	313	35.0	60.5	329	31.6						
140	39.9	299	16.7	44.9	308	33.6	58.3	326	30.1						
145	36.9	293	15.8	42.9	304	19.9	56.1	322	28.7						
150	33.6	285	15.2	40.0	298	18.7	53.8	319	27.4						
155	30.0	277	14.6	37.0	292	17.6	51.4	315	26.2						
160	25.9	267	14.0	33.7	285	16.7	49.0	311	25.1						
165	21.1	255	13.4	30.1	276	16.0	46.4	306	24.0						
170				26.0	267	15.2	43.8	301	22.9						
174										57.0	312	15.9			
175				21.2	255	14.5	41.0	295	21.7	57.0	312	15.9			
180							38.0	289	20.6	54.7	309	15.2			
185							34.8	282	19.7	52.4	305	14.6			
190							31.3	274	18.7	49.9	301	13.9			
195							27.5	265	17.8	47.4	296	13.4			
200							23.0	254	16.8	44.8	291	12.8			
205										42.1	286	12.3			
210										39.2	280	11.8			
215										36.1	273	11.3			
220										32.7	266	10.8			
225										29.0	257	10.4			
230										24.8	247	9.9			
235										19.7	234	9.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom                      164 ft luffing jib                      191 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	362	40.3												
60	76.3	361	40.1												
65	74.5	359	39.6												
70	72.7	358	39.0												
74				75.0	359	39.6									
75	70.9	356	38.3	74.6	358	39.5									
80	69.0	354	37.8	72.8	357	39.4									
85	67.1	352	36.9	70.9	355	39.1									
90	65.2	350	36.0	69.1	353	38.6									
95	63.2	347	35.2	67.2	351	38.1									
100	61.2	345	34.6	65.2	349	37.3									
105	59.2	342	33.7	63.3	346	36.6									
110	57.6	339	26.5	61.3	344	36.0									
115	55.5	336	24.0	59.3	341	35.5									
120	53.3	332	21.8	57.2	338	34.9									
122							67.0	346	35.6						
125	51.1	328	19.9	55.1	334	34.5	65.9	345	34.5						
130	48.8	324	18.8	52.9	330	34.0	64.4	343	32.8						
135	46.4	319	17.8	50.7	326	33.7	62.4	340	31.2						
140	43.9	314	17.0	48.9	323	22.5	60.4	337	29.7						
145	41.3	308	16.2	46.5	318	21.0	58.4	334	28.3						
150	38.5	302	15.4	44.0	313	19.7	56.3	331	27.0						
155	35.6	296	14.8	41.4	308	18.5	54.2	327	25.8						
160	32.4	288	14.3	38.6	302	17.3	51.9	324	24.7						
165	28.9	279	13.7	35.7	295	16.4	49.7	319	23.6						
170	24.9	269	13.1	32.5	287	15.6	47.3	315	22.7						
175	20.2	257	12.6	29.0	279	14.9	44.9	310	21.7						
179										57.0	320	14.8			
180				25.1	268	14.2	42.3	304	20.9	57.0	320	14.7			
185				20.4	256	13.5	39.6	299	20.0	55.0	317	14.1			
190							36.7	292	19.1	52.8	313	13.5			
195							33.6	285	18.2	50.6	309	12.9			
200							30.2	276	17.3	48.2	305	12.4			
205							26.5	267	16.4	45.8	300	11.8			
210							22.1	255	15.5	43.3	295	11.3			
215										40.6	289	10.9			
220										37.8	283	10.4			
225										34.8	276	10.0			
230										31.6	268	9.5			
235										28.0	259	9.1			
240										23.9	248	8.7			
245										18.9	235	8.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 174 ft luffing jib 191 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	371	36.6												
60	77.1	371	36.6												
65	75.4	370	36.1												
70	73.7	368	35.7												
75	72.0	367	35.1												
76				75.0	368	35.9									
80	70.2	365	34.5	73.8	367	35.9									
85	68.5	363	34.0	72.0	366	35.7									
90	66.7	361	33.2	70.3	364	35.4									
95	65.3	359	30.6	68.5	362	35.1									
100	63.4	356	29.7	66.7	360	34.6									
105	61.6	354	29.1	64.9	357	34.0									
110	59.7	351	26.7	63.1	355	33.4									
115	57.7	348	24.4	61.6	353	30.1									
120	55.7	344	22.3	59.7	350	28.6									
125	53.7	341	20.5	57.8	347	27.0									
126							67.0	355	33.4						
130	51.6	337	18.9	55.8	343	25.6	66.0	354	31.9						
135	49.5	333	17.8	53.8	340	24.3	64.1	351	30.7						
140	47.2	328	16.8	51.7	336	23.3	62.3	349	29.3						
145	44.9	323	16.0	49.5	332	21.9	60.4	346	27.9						
150	42.5	318	15.1	47.3	327	20.5	58.5	343	26.6						
155	40.0	312	14.4	45.0	322	19.1	56.5	339	25.4						
160	37.3	305	13.7	42.6	317	17.9	54.5	336	24.3						
165	34.4	298	13.2	40.0	311	16.7	52.4	332	23.2						
170	31.3	290	12.7	37.4	305	15.6	50.3	328	22.3						
175	27.9	281	12.3	34.5	298	14.8	48.1	324	21.3						
180	24.1	271	11.9	31.4	290	14.3	45.8	319	20.5						
185										57.0	329	13.6			
185	19.5	258	11.5	28.0	281	13.7	43.4	314	19.6	57.0	329	13.5			
190				24.2	270	13.2	40.9	308	18.6	55.2	326	13.0			
195				19.6	257	12.6	38.3	302	17.7	53.2	322	12.4			
200							35.5	295	16.9	51.1	318	11.9			
205							32.5	287	16.2	48.9	314	11.4			
210							29.2	279	15.5	46.7	309	10.9			
215							25.5	269	14.8	44.3	304	10.4			
220							21.3	257	14.1	41.9	299	10.0			
225										39.3	293	9.5			
230										36.6	286	9.1			
235										33.7	279	8.7			
240										30.5	270	8.3			
245										27.0	261	8.0			
250										23.0	250	7.6			
255										18.2	236	7.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 184 ft luffing jib 191 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	381	32.8												
60	78.0	381	30.8												
65	76.6	380	30.6												
70	75.0	379	30.4												
75	73.4	377	30.2												
79				75.0	378	32.3									
80	71.7	376	29.9	75.0	378	30.6									
85	70.1	374	29.6	73.4	376	30.6									
90	68.4	372	29.0	71.8	375	30.5									
95	66.7	370	28.1	70.1	373	30.1									
100	65.0	367	27.2	68.4	371	29.8									
105	63.2	365	26.4	66.8	369	29.1									
110	61.5	362	25.8	65.0	367	28.1									
115	59.7	359	23.9	63.3	364	27.3									
120	57.8	356	22.1	61.5	361	26.7									
125	56.0	353	20.5	59.7	358	25.7									
130							67.0	364	29.9						
130	54.0	349	19.1	57.9	355	24.8	67.0	364	28.3						
135	52.1	345	17.8	56.0	352	23.9	65.6	362	28.3						
140	50.0	341	16.7	54.1	348	23.1	63.9	360	28.2						
145	48.0	337	15.8	52.1	345	22.4	62.1	357	27.6						
150	45.8	332	14.9	50.1	340	21.4	60.3	354	26.3						
155	43.5	327	14.1	48.0	336	20.0	58.5	351	25.1						
160	41.2	321	13.4	45.9	331	18.6	56.6	348	24.0						
165	38.7	315	12.6	43.6	326	17.3	54.7	344	22.9						
170	36.1	308	12.0	41.3	320	16.1	52.8	341	21.8						
175	33.3	301	11.6	38.8	314	15.0	50.8	337	20.3						
180	30.3	293	11.3	36.2	308	14.0	48.7	332	19.1						
185	27.0	283	11.0	33.4	300	13.4	46.6	328	18.3						
190										57.0	337	12.6			
190	23.2	272	10.7	30.4	292	13.0	44.4	323	17.5	57.0	337	12.5			
195	18.8	259	10.4	27.1	283	12.6	42.1	317	16.7	55.5	334	12.1			
200				23.4	272	12.2	39.7	311	16.0	53.6	331	11.5			
205				18.9	258	11.8	37.1	305	15.4	51.6	327	11.0			
210							34.4	298	14.8	49.5	322	10.6			
215							31.5	290	14.3	47.4	318	10.1			
220							28.3	281	13.8	45.2	313	9.7			
225							24.7	270	13.3	43.0	308	9.2			
230							20.5	258	12.8	40.6	302	8.8			
235										38.1	296	8.4			
240										35.5	289	8.1			
245										32.6	281	7.7			
250										29.5	273	7.4			
255										26.1	263	7.0			
260										22.2	252	6.7			
265										17.5	237	6.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 194 ft luffing jib 191 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	391	27.4												
65	77.3	390	27.4												
70	75.8	389	27.2												
75	74.2	388	27.1												
80	72.7	386	26.8												
82				75.0	387	27.1									
85	71.1	384	26.5	74.3	387	27.1									
90	69.5	382	26.2	72.7	385	27.0									
95	68.0	380	25.7	71.2	383	26.8									
100	66.3	378	25.1	69.6	382	26.6									
105	64.7	376	24.5	68.0	380	26.3									
110	63.0	373	24.0	66.4	377	25.7									
115	61.4	371	23.6	64.8	375	25.1									
120	59.7	368	22.2	63.1	373	24.6									
125	57.9	365	21.0	61.4	370	24.2									
130	56.1	361	19.8	59.7	367	23.4									
134							67.0	373	24.9						
135	54.3	358	18.8	58.0	364	22.5	66.9	373	24.9						
140	52.5	354	17.9	56.2	360	21.8	65.3	371	24.8						
145	50.6	350	17.0	54.4	357	21.1	63.7	368	24.8						
150	48.6	346	16.2	52.5	353	20.5	62.0	366	24.5						
155	46.6	341	15.4	50.6	349	19.9	60.3	363	24.3						
160	44.5	336	14.7	48.7	345	18.9	58.6	360	23.6						
165	42.3	330	14.0	46.6	340	17.9	56.8	356	22.5						
170	40.0	325	13.4	44.5	335	17.0	55.0	353	21.6						
175	37.6	318	12.8	42.4	330	16.1	53.2	349	20.6						
180	35.1	311	12.2	40.1	324	15.3	51.3	345	19.8						
185	32.4	304	11.8	37.7	317	14.6	49.3	341	19.0						
190	29.4	295	11.4	35.2	311	14.0	47.3	336	18.2						
195	26.2	285	11.0	32.4	303	13.4	45.2	332	17.5						
195										57.0	345	11.3			
200	22.5	274	10.6	29.5	294	12.9	43.1	326	16.6	55.7	343	10.9			
205	18.1	260	10.2	26.3	285	12.3	40.9	321	15.8	53.9	339	10.4			
210				22.6	273	11.8	38.5	314	15.0	52.0	335	9.9			
215				18.3	259	11.2	36.0	308	14.3	50.1	331	9.5			
220							33.4	300	13.8	48.1	327	9.0			
225							30.5	292	13.4	46.1	322	8.6			
230							27.4	283	12.9	43.9	317	8.3			
235							23.9	272	12.5	41.7	311	7.9			
240							19.8	259	12.0	39.4	305	7.5			
245										37.0	299	7.2			
250										34.4	292	6.9			
255										31.7	284	6.5			
260										28.7	275	6.2			
265										25.3	265	5.9			
270										21.5	253	5.7			
275										16.8	238	5.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 203 ft luffing jib 191 [ft] (2220), 203 [ft] (1311)</b>															
64	78.0	400	24.0												
65	77.9	400	24.0												
70	76.5	399	23.8												
75	75.0	398	23.7												
80	73.6	396	23.6												
84				75.0	397	25.1									
85	72.1	395	23.4	75.0	397	23.5									
90	70.6	393	23.1	73.6	395	23.5									
95	69.1	391	22.9	72.1	394	23.4									
100	67.6	389	22.6	70.6	392	23.2									
105	66.0	387	22.3	69.1	390	23.1									
110	64.5	384	22.0	67.6	388	22.9									
115	62.9	382	21.7	66.1	386	22.6									
120	61.3	379	21.4	64.5	384	22.2									
125	59.6	376	20.6	62.9	381	22.0									
130	58.0	373	19.8	61.3	378	21.7									
135	56.3	370	19.0	59.7	375	21.0									
138							67.0	382	21.5						
140	54.6	366	18.4	58.0	372	20.3	66.6	381	21.5						
145	52.8	363	17.8	56.4	369	19.7	65.0	379	21.4						
150	51.0	359	17.2	54.6	365	19.1	63.5	377	21.4						
155	49.2	354	16.6	52.9	362	18.6	61.9	374	21.2						
160	47.3	350	15.9	51.1	358	18.1	60.2	371	21.0						
165	45.3	345	15.2	49.2	353	17.6	58.6	368	20.8						
170	43.2	340	14.6	47.3	349	17.0	56.9	365	20.6						
175	41.1	334	14.0	45.3	344	16.4	55.2	361	20.2						
180	38.9	328	13.5	43.3	339	15.9	53.5	358	19.4						
185	36.6	321	13.0	41.2	333	15.4	51.7	354	18.6						
190	34.1	314	12.5	39.0	327	14.9	49.8	350	17.8						
195	31.4	306	12.0	36.6	321	14.5	48.0	345	17.1						
200	28.6	297	11.5	34.2	313	14.0	46.0	341	16.4						
201										57.0	353	10.1			
205	25.4	287	10.9	31.5	305	13.3	44.0	335	15.7	55.9	351	9.7			
210	21.8	275	10.4	28.7	297	12.7	41.9	330	15.1	54.1	348	9.3			
215	17.5	261	9.9	25.5	287	12.0	39.7	324	14.5	52.4	344	8.8			
220				21.9	275	11.4	37.4	318	13.9	50.6	340	8.4			
225				17.6	260	10.7	35.0	311	13.3	48.7	335	8.0			
230							32.4	303	12.9	46.8	331	7.6			
235							29.7	294	12.4	44.8	326	7.3			
240							26.6	285	11.9	42.7	320	6.9			
245							23.2	274	11.4	40.6	315	6.6			
250							19.2	260	11.0	38.3	309	6.3			
255										36.0	302	5.9			
260										33.5	294	5.6			
265										30.8	286	5.4			
270										27.8	277	5.1			
275										24.6	267	4.8			
280										20.8	254	4.6			
285										16.2	239	4.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft luffing jib 200 [ft] (2220), 66 [ft] (1311)</b>															
36	78.0	274	97.2												
40	74.0	273	97.2												
45	69.3	271	97.2												
50				75.0	272	97.2									
50	64.5	269	96.6	74.5	272	97.2									
55	59.5	266	94.8	69.9	271	97.2									
60	54.1	263	91.5	65.1	268	95.9									
65	48.4	258	88.5	60.1	265	93.4									
70	42.0	253	84.6	54.8	262	89.3									
75	34.6	246	81.5	49.1	258	83.2									
80	25.4	237	78.4	42.8	253	76.8									
85				35.6	246	71.3									
86							67.0	264	59.7						
90				26.7	237	66.3	63.0	262	56.4						
95				16.8	227	31.4	57.9	259	52.7						
100							52.5	255	49.5						
105							46.6	250	46.6						
110							40.0	245	43.9						
115							32.2	237	41.5						
120							21.9	227	39.3						
129										57.0	246	27.9			
130										57.0	246	27.6			
135										51.9	242	26.4			
140										46.0	238	25.2			
145										39.3	232	24.0			
150										31.4	224	22.9			
203													37.0	189	6.2
205													36.3	189	6.2
210													27.5	180	5.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft luffing jib 200 [ft] (2220), 75 [ft] (1311)</b>															
38	78.0	284	96.4												
40	76.1	283	96.4												
45	72.1	282	95.6												
50	68.1	280	92.7												
52				75.0	282	95.2									
55	63.8	277	89.2	72.6	281	95.1									
60	59.5	275	86.1	68.6	279	92.3									
65	54.9	271	82.6	64.4	277	88.6									
70	50.0	267	80.0	60.0	274	85.4									
75	44.6	262	76.5	55.4	271	81.7									
80	38.7	256	73.5	50.6	267	76.6									
85	31.9	249	70.7	45.3	262	71.1									
90							67.0	273	56.1						
90	23.2	238	67.4	39.5	256	66.2	66.8	273	55.9						
95				32.8	249	61.7	62.6	270	52.3						
100				24.4	239	57.3	58.1	267	49.1						
105							53.4	264	46.2						
110							48.4	259	43.6						
115							43.0	254	41.2						
120							36.8	248	39.0						
125							29.6	240	37.0						
130							19.9	228	35.2						
135										57.0	254	26.0			
140										57.0	254	25.7			
145										53.0	251	24.7			
150										47.9	247	23.6			
155										42.4	241	22.5			
160										36.2	235	21.5			
211										28.8	227	20.5			
215													37.0	195	5.3
220													33.4	191	5.1
													25.2	182	4.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft luffing jib 200 [ft] (2220), 85 [ft] (1311)</b>															
40	78.0	294	89.7												
40	77.8	294	89.7												
45	74.3	292	88.6												
50	70.7	290	86.5												
55				75.0	291	88.4									
55	67.1	288	83.7	74.7	291	88.4									
60	63.3	286	80.9	71.2	290	87.7									
65	59.5	283	78.2	67.5	288	84.7									
70	55.4	280	75.1	63.8	285	81.4									
75	51.1	276	72.7	59.9	282	78.7									
80	46.6	271	69.8	55.9	279	75.4									
85	41.6	266	66.9	51.7	275	70.8									
90	36.1	259	52.5	47.2	271	65.9									
94							67.0	282	52.8						
95	29.6	251	48.9	42.3	265	60.9	66.0	281	51.8						
100	21.4	240	45.3	36.8	259	57.9	62.2	279	48.6						
105				30.5	251	54.5	58.3	276	45.8						
110				22.6	240	50.2	54.2	272	43.2						
115							49.8	268	40.8						
120							45.2	263	38.7						
125							40.0	257	36.7						
130							34.3	250	34.9						
135							27.5	242	33.2						
140							20.8	232	28.9	57.0	262	23.9			
145										53.8	260	23.1			
150										49.4	255	22.0			
155										44.7	251	21.1			
160										39.5	245	20.1			
165										33.7	238	19.3			
170										26.7	229	18.4			
219													37.0	201	4.3
220													37.0	201	4.2
225													31.1	194	4.0
230													23.3	183	3.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 95 ft luffing jib 200 [ft] (2220), 95 [ft] (1311)</b>															
42	78.0	303	81.0												
45	75.9	302	80.6												
50	72.8	301	79.1												
55	69.6	299	77.2												
57				75.0	301	79.9									
60	66.3	297	74.8	73.2	300	79.7									
65	62.9	294	72.5	70.0	298	78.6									
70	59.5	292	70.2	66.7	296	76.5									
75	55.8	288	67.6	63.4	294	73.9									
80	52.1	284	65.5	59.9	291	71.7									
85	48.1	280	58.6	56.3	288	68.9									
90	43.8	275	53.9	52.5	284	65.8									
95	39.1	269	49.7	48.6	280	61.2									
98							67.0	291	49.9						
100	33.9	262	46.2	44.3	275	57.6	65.3	290	48.3						
105	27.7	253	42.9	39.7	269	54.4	61.9	287	45.5						
110	19.9	241	39.5	34.5	262	51.3	58.4	284	42.9						
115				28.6	253	48.1	54.7	281	40.6						
120				21.0	242	44.3	50.9	277	38.5						
125							46.8	272	36.5						
130							42.4	267	34.7						
135							37.6	261	33.1						
140							33.5	255	31.3						
145							27.3	246	28.9						
145										57.0	271	22.5			
150							19.3	234	26.5	54.4	268	21.8			
155										50.5	264	20.8			
160										46.4	260	19.9			
165										42.0	254	19.0			
170										37.1	248	18.2			
175										31.6	240	17.5			
180										25.0	230	16.7			
227													37.0	207	3.5
230													35.0	204	3.4
235													29.1	196	3.1
240													21.7	185	2.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 105 ft luffing jib 200 [ft] (2220), 105 [ft] (1311)</b>															
44	78.0	313	73.8												
45	77.3	313	73.8												
50	74.5	311	72.8												
55	71.6	310	71.3												
60				75.0	310	73.0									
60	68.7	308	69.8	74.8	310	73.0									
65	65.7	305	67.6	71.9	309	72.6									
70	62.6	303	65.8	69.0	307	71.5									
75	59.5	300	60.7	66.1	305	69.9									
80	56.2	297	58.3	63.0	302	67.9									
85	52.8	293	56.3	59.9	299	66.1									
90	49.2	289	54.1	56.6	296	60.8									
95	45.4	284	50.3	53.2	292	58.9									
100	41.4	278	46.8	49.7	288	57.0									
101							67.0	300	47.1						
105	36.9	272	43.8	45.9	284	53.7	64.8	298	45.0						
110	32.0	264	41.0	41.9	278	50.8	61.7	296	42.5						
115	26.1	255	38.0	37.5	272	48.3	58.5	293	40.1						
120	18.6	242	34.9	32.6	264	45.7	55.2	289	38.0						
125				26.9	255	42.8	51.8	285	36.1						
130				19.7	243	39.8	48.1	281	34.3						
135							45.2	277	32.4						
140							41.1	272	31.2						
145							36.6	265	29.8						
150							31.6	257	28.5						
151									57.0	279	20.9				
155							25.7	248	27.1	54.9	277	20.3			
160							18.0	235	24.4	51.4	273	19.4			
165										47.8	268	18.6			
170										43.9	263	17.8			
175										39.7	257	17.1			
180										35.1	251	16.3			
185										29.8	242	15.7			
190										23.5	232	15.0			
235													37.0	213	2.5
235													37.0	213	2.4
240													33.0	207	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 115 ft luffing jib 200 [ft] (2220), 115 [ft] (1311)</b>															
46	78.0	323	66.7												
50	75.8	321	66.1												
55	73.2	320	62.7												
60	70.6	318	61.2												
62				75.0	320	65.9									
65	67.9	316	59.7	73.6	319	65.8									
70	65.2	314	57.7	70.9	317	62.3									
75	62.3	311	56.2	68.2	315	61.1									
80	59.5	308	54.3	65.5	313	59.5									
85	56.5	305	52.3	62.7	311	58.1									
90	53.4	302	50.5	59.8	308	56.6									
95	50.2	297	49.1	56.9	305	54.6									
100	46.8	293	45.8	53.8	301	53.0									
105	43.2	288	42.8	50.6	297	51.7									
105							67.0	309	44.4						
110	39.3	282	40.0	47.2	292	49.2	64.3	307	42.0						
115	35.1	275	37.7	43.6	287	46.8	61.5	304	39.7						
120	30.3	267	35.4	39.8	282	44.6	58.6	301	37.6						
125	24.7	257	33.1	35.6	275	42.7	55.6	298	35.7						
130	19.4	247	16.9	31.0	267	40.2	52.5	294	33.9						
135				25.5	257	37.6	50.0	291	32.4						
140				18.5	244	34.8	46.6	286	30.8						
145							42.9	281	29.5						
150							39.1	275	28.2						
155							34.8	268	26.9						
156										57.0	287	19.4			
160										55.3	285	18.9			
165										52.2	281	18.1			
170										48.9	277	17.3			
175										45.4	272	16.6			
180										41.7	267	15.9			
185										37.7	261	15.2			
190										33.3	253	14.6			
195										28.3	245	14.0			
200										22.2	233	13.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 125 ft luffing jib 200 [ft] (2220), 125 [ft] (1311)</b>															
48	78.0	332	58.3												
50	77.0	332	58.3												
55	74.6	330	57.4												
60	72.2	329	56.3												
65				75.0	330	57.3									
65	69.7	327	55.1	74.9	329	57.3									
70	67.2	325	53.6	72.5	328	57.0									
75	64.7	322	52.0	70.0	326	56.3									
80	62.1	320	50.8	67.6	324	55.2									
85	59.5	317	49.1	65.0	322	53.8									
90	56.7	314	47.3	62.4	319	52.6									
95	53.9	310	45.8	59.8	316	51.3									
100	51.0	306	44.6	57.1	313	49.6									
105	47.9	302	42.1	54.3	310	48.2									
109							67.0	318	42.2						
110	44.7	297	39.4	51.3	306	47.1	66.5	318	41.7						
115	41.2	291	36.9	48.3	301	45.3	64.0	315	39.4						
120	37.5	285	34.7	45.1	296	43.3	61.3	313	37.3						
125	34.4	279	17.8	41.7	291	41.5	58.7	310	35.4						
130	30.0	271	17.0	38.0	285	39.9	55.9	306	33.6						
135	24.8	261	16.2	34.0	278	38.2	53.7	303	31.8						
140	18.3	248	15.4	29.5	269	35.8	50.8	299	30.6						
145				24.2	259	33.3	47.7	295	29.2						
150				19.2	249	16.9	44.4	290	27.9						
155							41.0	284	26.7						
160							37.3	278	25.5						
161										57.0	295	18.2			
165										55.6	294	17.8			
170							33.2	271	24.2	52.8	290	17.0			
175							28.6	262	22.7	49.8	286	16.3			
180							23.1	251	21.1	46.7	281	15.6			
185							15.8	236	19.5	43.3	276	15.0			
190										39.8	270	14.4			
195										36.0	264	13.8			
200										31.8	256	13.2			
205										26.9	247	12.7			
210										21.0	235	12.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 135 ft luffing jib 200 [ft] (2220), 135 [ft] (1311)</b>															
50	78.0	342	52.4												
50	77.9	342	52.4												
55	75.7	341	52.0												
60	73.5	339	51.3												
65	71.3	337	50.2												
67				75.0	339	51.6									
70	69.0	335	49.2	73.8	338	51.6									
75	66.7	333	47.8	71.6	337	51.3									
80	64.3	331	46.5	69.3	335	50.2									
85	61.9	328	45.5	67.0	333	49.3									
90	59.5	325	44.0	64.6	330	48.1									
95	56.9	322	42.5	62.2	328	47.1									
100	54.3	319	41.2	59.8	325	46.0									
105	51.6	315	40.1	57.2	322	44.6									
110	48.8	310	38.4	54.6	318	43.4									
113							67.0	327	39.9						
115	45.9	306	36.1	52.0	314	42.3	66.0	326	38.9						
120	42.8	300	33.9	49.2	310	41.1	63.6	324	36.8						
125	40.3	296	18.3	46.2	305	39.4	61.2	321	34.9						
130	36.8	289	17.0	43.2	300	37.8	58.7	318	33.2						
135	33.0	282	16.2	39.9	294	36.3	56.8	316	31.7						
140	28.7	273	15.5	36.4	288	35.1	54.2	312	29.9						
145	23.7	263	14.9	32.5	280	33.5	51.4	308	28.5						
150	17.3	249	14.3	29.2	273	17.2	48.6	304	27.1						
155				24.4	263	16.3	45.7	299	25.6						
160				18.2	250	15.5	42.6	294	24.2						
165							39.3	288	23.0						
167										57.0	304	16.8			
170							35.7	281	21.9	55.9	302	16.5			
175							31.7	273	20.9	53.3	299	15.8			
180							27.3	264	19.8	50.5	295	15.1			
185							22.0	253	18.7	47.7	290	14.5			
190										44.7	285	13.9			
195										41.5	280	13.3			
200										38.1	273	12.8			
205										34.4	266	12.3			
210										30.4	258	11.8			
215										25.7	248	11.3			
220										20.0	236	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 144 ft luffing jib 200 [ft] (2220), 144 [ft] (1311)</b>															
52	78.0	351	47.6												
55	76.7	351	47.6												
60	74.7	349	46.9												
65	72.6	348	46.1												
70				75.0	349	47.1									
70	70.5	346	45.1	74.9	348	47.1									
75	68.4	344	44.2	72.9	347	46.9									
80	66.2	342	43.0	70.8	345	46.2									
85	64.0	339	41.9	68.6	343	45.3									
90	61.8	337	41.1	66.5	341	44.5									
95	59.5	334	39.8	64.3	339	43.5									
100	57.1	331	38.5	62.0	336	42.7									
105	54.7	327	37.4	59.8	333	41.7									
110	52.2	323	36.4	57.4	330	40.4									
115	49.6	319	35.3	55.0	327	39.4									
117							67.0	336	37.7						
120	46.9	315	33.3	52.5	323	38.5	65.6	335	36.4						
125	44.7	311	18.7	49.9	319	37.6	63.3	332	34.5						
130	41.8	305	17.4	47.2	314	36.1	61.6	330	32.8						
135	38.7	299	16.3	44.4	309	34.7	59.3	327	31.2						
140	35.3	292	15.4	41.5	304	33.4	57.0	324	29.7						
145	31.6	285	14.9	39.1	299	18.0	54.5	321	28.4						
150	27.5	275	14.4	35.7	292	17.1	52.0	317	26.5						
155	22.7	264	13.9	32.1	285	16.4	49.4	312	24.9						
160	16.5	250	13.4	28.0	276	15.7	46.7	308	23.5						
165				23.3	265	15.1	43.9	303	22.2						
170				17.4	251	14.4	40.9	297	21.0						
172										57.0	312	15.6			
175							37.7	291	20.0	56.2	311	15.3			
180							34.3	284	19.1	53.7	307	14.7			
185							30.5	276	18.4	51.2	303	14.0			
190							26.2	266	17.6	48.6	299	13.4			
195							21.0	254	16.9	45.8	294	12.9			
200										42.9	289	12.3			
205										39.9	283	11.8			
210										36.6	276	11.3			
215										33.1	269	10.9			
220										29.1	260	10.4			
225										24.6	250	10.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 154 ft luffing jib 200 [ft] (2220), 154 [ft] (1311)</b>															
54	78.0	361	42.6												
55	77.6	361	42.6												
60	75.7	360	42.2												
65	73.8	358	41.7												
70	71.8	356	40.9												
72				75.0	358	41.9									
75	69.8	355	40.2	74.0	357	41.9									
80	67.8	353	39.3	72.0	356	41.7									
85	65.8	350	38.3	70.1	354	41.1									
90	63.7	348	37.4	68.1	352	40.4									
95	61.6	345	36.7	66.0	350	39.6									
100	59.5	342	35.7	64.0	347	38.8									
105	57.3	339	34.6	61.9	345	38.1									
110	55.0	336	33.7	59.7	342	37.5									
115	53.2	333	22.7	57.5	339	36.8									
120	50.8	329	20.8	55.3	335	36.3									
121							67.0	345	35.9						
125	48.4	324	19.4	53.0	331	35.8	65.2	343	34.2						
130	45.8	320	18.2	50.6	327	35.3	63.6	341	32.5						
135	43.1	314	17.0	48.1	323	33.9	61.5	339	30.9						
140	40.3	309	16.0	46.1	319	21.4	59.3	336	29.4						
145	37.3	302	15.0	43.5	314	19.8	57.1	333	28.1						
150	34.0	295	14.3	40.6	308	18.2	54.9	329	26.8						
155	30.4	287	13.9	37.6	302	16.9	52.5	325	25.6						
160	26.4	277	13.4	34.4	295	15.9	50.1	321	24.4						
165	21.7	266	12.9	30.9	287	15.3	47.6	317	22.9						
170				27.0	278	14.6	45.0	312	21.5						
175				22.4	266	14.0	42.3	306	20.2						
178										57.0	320	14.5			
180				16.5	251	13.3	39.4	300	19.1	56.4	319	14.4			
185							36.3	294	18.0	54.1	316	13.7			
190							33.0	286	17.3	51.8	312	13.1			
195							29.3	278	16.5	49.3	308	12.6			
200							25.1	268	15.8	46.8	303	12.0			
205							20.1	255	15.1	44.1	298	11.5			
210										41.4	292	11.1			
215										38.4	286	10.6			
220										35.3	279	10.1			
225										31.8	272	9.7			
230										28.0	263	9.3			
235										23.6	252	8.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 164 ft luffing jib 200 [ft] (2220), 164 [ft] (1311)</b>															
56	78.0	371	38.5												
60	76.6	370	38.5												
65	74.8	368	37.9												
70	72.9	367	37.4												
75	71.1	365	36.7	75.0	368	37.8									
80	69.2	363	36.1	73.2	366	37.7									
85	67.3	361	35.3	71.3	364	37.5									
90	65.4	359	34.4	69.5	362	36.9									
95	63.5	356	33.7	67.6	360	36.4									
100	61.5	354	33.1	65.7	358	35.6									
105	59.9	352	28.7	63.7	356	35.0									
110	57.9	348	26.1	61.7	353	34.4									
115	55.8	345	23.9	59.7	350	34.1									
120	53.6	341	21.9	57.7	347	33.8									
124							67.0	354	33.9						
125	51.4	338	20.2	55.5	344	33.5	66.8	354	33.7						
130	49.1	333	18.9	53.4	340	33.3	65.3	352	32.1						
135	46.7	329	17.7	51.1	336	33.1	63.3	350	30.5						
140	44.2	324	16.7	49.4	333	24.7	61.4	347	29.0						
145	41.6	318	15.7	47.0	328	22.6	59.3	344	27.7						
150	38.9	312	14.8	44.5	323	20.6	57.3	341	26.4						
155	36.0	305	14.0	42.0	318	18.8	55.1	338	25.2						
160	32.8	298	13.5	39.2	312	17.2	53.0	334	24.1						
165	29.4	289	13.0	36.3	305	15.7	50.7	330	23.1						
170	25.5	279	12.6	33.2	298	14.9	48.4	325	22.1						
175	20.9	267	12.1	29.8	289	14.3	46.0	321	21.0						
180				26.0	280	13.7	43.5	316	19.7						
183										57.0	328	13.3			
185				21.5	268	13.1	40.8	310	18.5	56.6	328	13.2			
190				15.8	252	12.4	38.0	304	17.4	54.4	324	12.6			
195							35.1	297	16.4	52.2	320	12.1			
200							31.8	289	15.7	50.0	316	11.6			
205							28.3	280	15.0	47.6	312	11.1			
210							24.2	269	14.3	45.2	307	10.6			
215							19.3	256	13.6	42.6	302	10.1			
220										39.9	296	9.7			
225										37.1	289	9.3			
230										34.0	282	8.9			
235										30.7	274	8.5			
240										27.0	265	8.1			
245										22.7	253	7.8			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 174 ft luffing jib 200 [ft] (2220), 174 [ft] (1311)</b>															
58	78.0	380	34.8												
60	77.3	380	34.8												
65	75.6	379	34.4												
70	73.9	377	34.0												
75	72.2	376	33.4												
78				75.0	377	34.2									
80	70.9	374	31.8	74.1	376	34.2									
85	69.1	372	31.5	72.4	375	34.0									
90	67.3	370	30.5	70.7	373	33.7									
95	65.5	368	29.3	68.9	371	33.4									
100	63.7	366	28.3	67.5	370	32.0									
105	61.8	363	27.6	65.7	367	30.6									
110	59.9	360	25.6	63.9	365	29.5									
115	58.0	357	23.5	62.0	362	28.6									
120	56.0	354	21.7	60.1	359	27.5									
125	54.0	350	20.0	58.2	356	26.4									
128							67.0	363	30.6						
130	51.9	346	18.6	56.2	353	25.4	66.8	363	30.6						
135	49.7	342	17.4	54.2	349	24.5	65.0	361	30.0						
140	47.5	337	16.4	52.1	346	23.7	63.1	358	28.6						
145	45.2	333	15.4	50.0	341	22.6	61.3	356	27.2						
150	42.8	327	14.6	47.8	337	20.9	59.3	353	26.0						
155	40.3	321	13.8	45.5	332	19.3	57.4	350	24.8						
160	37.6	315	13.0	43.1	327	17.8	55.4	346	23.7						
165	34.8	308	12.4	40.6	321	16.5	53.4	342	22.7						
170	31.7	300	12.0	38.0	315	15.2	51.3	338	21.7						
175	28.4	291	11.6	35.1	308	14.2	49.1	334	20.6						
180	24.6	281	11.2	32.1	300	13.7	46.8	330	19.6						
185	20.1	268	10.8	28.8	292	13.1	44.5	325	18.6						
188										57.0	337	12.0			
190				25.1	281	12.6	42.1	319	17.6	56.7	336	11.9			
195				20.7	269	12.0	39.5	313	16.8	54.7	333	11.4			
200							36.8	307	16.0	52.7	329	10.9			
205							33.9	299	15.3	50.6	325	10.4			
210							30.8	291	14.7	48.4	321	10.0			
215							27.3	282	14.1	46.1	316	9.6			
220							23.3	271	13.5	43.7	311	9.1			
225							18.6	258	12.9	41.3	305	8.8			
230										38.6	299	8.4			
235										35.9	292	8.0			
240										32.9	285	7.7			
245										29.7	276	7.3			
250										26.1	267	7.0			
255										21.9	255	6.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 166.0  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 184 ft luffing jib 200 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	390	30.0												
65	76.8	389	29.8												
70	75.2	388	29.6												
75	73.6	386	29.4												
80	71.9	385	29.0												
80				75.0	387	29.9									
85	70.3	383	28.7	73.8	385	29.9									
90	68.6	381	28.2	72.1	384	29.8									
95	66.9	379	27.2	70.5	382	29.5									
100	65.2	377	26.3	68.8	380	29.1									
105	63.5	374	25.5	67.1	378	28.6									
110	61.7	371	24.8	65.4	376	27.4									
115	59.9	369	23.1	63.7	373	26.5									
120	58.1	365	21.4	61.9	371	25.7									
125	56.2	362	19.8	60.1	368	24.8									
130	54.3	359	18.4	58.3	365	23.9									
132							67.0	372	27.8						
135	52.3	355	17.2	56.4	362	23.0	66.4	372	27.8						
140	50.3	351	16.1	54.5	358	22.2	64.7	369	27.6						
145	48.2	346	15.3	52.6	354	21.5	62.9	367	26.9						
150	46.1	341	14.4	50.5	350	20.7	61.2	364	25.7						
155	43.8	336	13.6	48.5	346	19.4	59.3	361	24.5						
160	41.5	331	12.9	46.3	341	18.1	57.5	358	23.4						
165	39.1	325	12.2	44.1	336	16.9	55.6	355	22.4						
170	36.5	318	11.6	41.8	330	15.8	53.7	351	21.4						
175	33.7	311	11.2	39.4	324	14.7	51.7	347	20.5						
180	30.7	303	10.9	36.8	318	13.8	49.7	343	19.1						
185	27.4	293	10.5	34.1	311	13.2	47.6	338	18.3						
190	23.7	283	10.2	31.1	303	12.7	45.4	334	17.5						
194										57.0	345	11.0			
195	19.4	270	9.8	27.9	294	12.2	43.1	328	16.8	56.9	345	11.0			
200				24.2	283	11.7	40.8	323	16.1	55.0	341	10.5			
205				20.0	270	11.2	38.3	316	15.5	53.1	338	10.0			
210							35.7	310	14.9	51.1	334	9.5			
215							32.8	302	14.4	49.0	329	9.1			
220							29.8	294	13.9	46.9	325	8.7			
225							26.4	284	13.4	44.7	320	8.3			
230							22.5	273	12.9	42.4	314	7.9			
235							17.9	259	12.4	40.0	308	7.6			
240										37.5	302	7.2			
245										34.8	295	6.9			
250										31.9	287	6.6			
255										28.7	278	6.3			
260										25.2	268	6.0			
265										21.1	256	5.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>66 ft luffing jib</b> <b>84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	188.7												
35				75.0	158	188.7									
40	66.4	155	187.2	70.8	157	183.8									
45	61.5	152	159.2	66.0	154	156.2									
50	56.3	149	138.2	61.1	152	135.7									
55	50.7	145	122.0	55.8	148	119.8									
56							67.0	153	110.8						
60	44.6	140	109.1	50.2	144	107.1	63.2	151	101.7						
65	37.7	134	98.5	44.1	139	96.7	58.1	148	91.9						
70	29.4	126	88.2	37.1	133	88.1	52.7	144	83.7						
75	17.5	113	74.2	28.6	125	80.7	46.8	139	76.8						
80							40.2	134	70.8						
81										57.0	142	65.7			
85							32.5	126	65.7	52.1	138	61.4			
90							22.4	116	61.1	46.2	134	57.2			
95										39.5	128	53.5			
100										31.7	120	50.1			
122													37.0	108	34.1
125													34.0	105	33.0
130													24.5	95	31.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	158.8									
40	69.7	166	158.8	73.4	167	158.8									
45	65.5	164	158.3	69.4	165	156.0									
50	61.2	161	138.1	65.2	163	135.5									
55	56.7	158	121.9	60.9	160	119.6									
60	51.9	154	109.0	56.3	157	107.0	67.0	162	101.4						
65	46.8	149	98.5	51.5	153	96.6	62.7	159	91.6						
70	41.2	144	89.7	46.4	148	88.0	58.3	156	83.4						
75	34.7	137	82.2	40.7	143	80.7	53.6	152	76.5						
80	27.0	128	75.8	34.2	136	74.4	48.6	148	70.6						
85	18.9	118	33.0	26.3	127	69.0	43.2	143	65.5						
86										57.0	150	60.3			
90							37.1	137	61.0	53.2	147	56.9			
95							29.9	129	57.0	48.1	142	53.2			
100							20.4	117	53.4	42.6	137	49.9			
105										36.4	131	46.9			
110										29.1	123	44.2			
130													37.0	114	31.1
130													37.0	114	30.8
135													31.3	107	29.5
140													22.3	97	28.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	152.8												
41				75.0	177	153.9									
45	68.5	174	148.7	71.9	176	153.6									
50	64.8	172	138.0	68.2	174	135.3									
55	61.0	169	121.8	64.5	171	119.4									
60	57.0	166	108.9	60.7	169	106.7									
64							67.0	171	93.4						
65	52.8	162	98.3	56.7	165	96.4	66.1	170	91.3						
70	48.4	158	89.5	52.5	162	87.8	62.4	168	83.1						
75	43.6	153	82.1	48.1	157	80.5	58.4	165	76.2						
80	38.3	147	75.8	43.2	152	74.3	54.3	161	70.3						
85	32.3	140	70.2	37.9	146	68.9	50.0	157	65.2						
90	25.0	130	59.6	31.8	138	63.7	45.3	152	60.7						
91										57.0	158	55.5			
95										53.9	155	52.8			
100	17.3	119	33.0	24.3	128	59.9	40.3	146	56.8	49.6	151	49.6			
105							34.5	140	53.3	44.9	146	46.6			
110							27.8	131	50.1	39.7	141	44.0			
115							21.2	122	33.0	33.9	134	41.6			
120										27.0	125	39.3			
138													37.0	120	28.1
140													35.6	118	27.8
145													29.1	110	26.5
150													20.6	98	25.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      95 ft luffing jib                      84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	135.5												
43				75.0	187	134.6									
45	70.9	185	132.4	73.8	186	134.5									
50	67.6	183	126.1	70.6	184	132.9									
55	64.3	181	121.0	67.4	182	119.3									
60	60.8	178	108.8	64.0	180	106.6									
65	57.3	175	98.2	60.6	177	96.3									
68							67.0	180	86.5						
70	53.6	171	89.5	57.0	174	87.7	65.5	179	82.9						
75	49.7	167	82.1	53.3	170	80.4	62.1	176	76.0						
80	45.5	162	75.7	49.3	166	74.2	58.5	173	70.2						
85	41.0	157	70.2	45.2	161	68.8	54.9	170	65.1						
90	36.0	150	65.4	40.6	156	64.1	51.1	166	60.6						
95	30.3	142	60.9	35.6	149	59.9	47.0	161	56.6						
97										57.0	166	51.5			
100	23.3	131	55.2	29.8	141	56.2	42.6	156	53.1	54.5	164	49.4			
105				22.7	130	52.8	37.8	150	50.0	50.7	160	46.4			
110							32.4	142	47.1	46.6	155	43.8			
115							26.0	133	44.6	42.2	150	41.4			
120							19.7	123	33.0	37.3	144	39.2			
125										31.8	136	37.2			
130										25.2	126	35.4			
146													37.0	126	25.9
150													33.4	121	25.2
155													27.2	112	24.0
160													19.1	99	23.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	118.2												
46				75.0	196	118.2									
50	69.8	194	114.9	72.5	195	118.0									
55	66.9	191	110.6	69.6	193	114.6									
60	63.8	189	106.3	66.6	191	106.3									
65	60.7	186	98.0	63.6	188	96.0									
70	57.5	183	89.3	60.5	186	87.4									
72							67.0	189	80.4						
75	54.1	180	81.8	57.2	182	80.2	64.9	187	75.7						
80	50.6	176	75.5	53.9	179	74.0	61.8	185	69.8						
85	47.0	171	70.0	50.4	175	68.6	58.6	182	64.7						
90	43.0	166	65.1	46.7	170	63.9	55.3	178	60.3						
95	38.7	160	61.0	42.7	165	59.7	51.9	174	56.3						
100	34.0	153	57.2	38.4	159	56.0	48.3	170	52.8						
102										57.0	175	47.8			
105	28.6	144	53.8	33.6	152	52.7	44.4	165	49.7	55.0	172	46.0			
110	21.9	133	50.7	28.1	143	49.7	40.3	159	46.9	51.5	169	43.4			
115				21.3	131	46.9	35.7	153	44.3	47.9	164	41.1			
120							30.6	145	42.0	44.0	159	38.9			
125							24.4	134	39.8	39.9	153	36.9			
130							18.3	124	33.0	35.3	147	35.1			
135										30.0	138	33.4			
140										25.3	131	31.9			
153													37.0	132	23.8
155													36.6	131	23.7
160													31.5	123	22.7
165													25.6	113	21.7
170													17.8	100	20.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      115 ft luffing jib                      84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	104.0									
50	71.6	204	103.0	74.1	205	104.0									
55	69.0	202	100.2	71.4	204	103.8									
60	66.2	200	94.6	68.8	202	100.0									
65	63.5	198	92.5	66.0	199	95.1									
70	60.6	195	89.0	63.2	197	87.2									
75	57.7	192	81.6	60.4	194	79.9									
75							67.0	198	74.9						
80	54.6	188	75.3	57.4	191	73.7	64.4	196	69.5						
85	51.5	184	69.8	54.4	187	68.3	61.6	193	64.4						
90	48.1	180	64.2	51.2	183	63.6	58.7	190	59.9						
95	44.6	175	60.8	47.9	179	59.5	55.7	187	56.0						
100	40.9	169	57.0	44.3	174	55.8	52.6	183	52.5						
105	36.8	163	53.6	40.6	168	52.5	49.3	179	49.4						
107										57.0	183	44.4			
110	32.3	155	50.6	36.5	162	49.5	45.9	174	46.6	55.4	181	43.0			
115	27.1	146	47.8	31.9	154	46.8	42.2	169	44.0	52.3	177	40.7			
120	20.6	134	45.0	26.6	145	44.3	38.3	162	41.7	49.0	173	38.5			
125				21.7	136	33.0	33.9	155	39.6	45.5	168	36.6			
130							29.0	147	37.6	41.8	163	34.7			
135							23.1	136	35.8	37.9	156	33.1			
140							17.2	125	33.0	34.5	151	31.6			
145										29.7	143	30.1			
150										24.0	132	28.8			
161													37.0	137	21.8
165													34.7	134	21.3
170													29.9	125	20.4
175													24.2	115	19.6
180													16.7	101	18.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	89.9	72.9	214	91.9									
60	68.2	211	87.6	70.5	210	90.0									
65	65.7	209	85.1	68.0	210	87.8									
70	63.1	206	83.1	65.5	208	85.3									
75	60.5	203	81.1	62.9	205	79.7									
79							67.0	207	70.1						
80	57.8	200	75.1	60.3	203	73.5	66.6	207	69.2						
85	55.0	197	69.6	57.6	199	68.1	64.1	204	64.1						
90	52.1	193	64.8	54.8	196	63.4	61.4	201	59.7						
95	49.1	189	60.6	51.9	192	59.3	58.8	198	55.8						
100	45.9	184	56.8	48.9	188	55.6	56.0	195	52.3						
105	42.6	179	53.5	45.7	183	52.3	53.2	191	49.2						
110	39.0	173	50.4	42.3	178	49.3	50.2	187	46.4						
113										57.0	191	41.5			
115	35.1	166	47.7	38.7	172	46.6	47.1	183	43.8	55.7	190	40.4			
120	30.8	158	45.2	34.8	165	44.2	43.8	178	41.5	52.9	186	38.3			
125	25.7	148	42.9	30.4	157	41.9	40.3	172	39.4	49.9	182	36.3			
130	19.5	135	40.2	25.3	147	39.8	36.5	165	37.5	46.8	177	34.5			
135				20.6	137	33.0	32.3	158	35.7	44.2	173	32.9			
140							27.6	149	34.0	40.8	167	31.4			
145							23.3	140	32.5	37.0	161	30.0			
150										32.9	154	28.6			
155										28.3	145	27.4			
160										22.7	134	26.2			
169													37.0	143	20.3
170													37.0	143	20.2
175													33.1	136	19.4
180													28.5	128	18.6
185													23.0	117	17.8
190													15.7	102	17.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	77.8	72.0	223	79.8									
65	67.6	219	75.9	69.7	221	77.7									
70	65.3	217	73.9	67.4	219	76.0									
75	62.9	215	72.3	65.1	216	74.0									
80	60.4	212	70.7	62.7	214	72.4									
83							67.0	216	65.7						
85	57.9	209	68.8	60.3	211	67.8	66.1	215	63.8						
90	55.4	205	64.6	57.7	208	63.1	63.7	213	59.4						
95	52.7	201	60.3	55.2	205	59.0	61.3	210	55.4						
100	49.9	197	56.6	52.5	201	55.3	58.8	207	52.0						
105	47.0	193	53.2	49.7	197	52.0	56.3	204	48.9						
110	44.0	188	50.2	46.8	192	49.1	53.6	200	46.1						
115	40.8	182	47.4	43.8	187	46.4	50.9	196	43.5						
118										57.0	199	38.7			
120	37.4	176	44.9	40.5	181	43.9	48.1	192	41.2	56.0	198	37.9			
125	33.6	168	42.7	37.1	175	41.7	45.1	187	39.1	53.4	194	35.9			
130	29.4	160	40.6	33.3	167	39.6	41.9	181	37.2	50.6	190	34.1			
135	24.6	150	38.6	29.1	159	37.7	38.6	175	35.4	48.5	187	32.6			
140	18.5	136	35.7	24.2	148	36.0	34.9	168	33.7	45.5	182	31.0			
145				19.6	138	33.0	31.9	162	32.3	42.4	177	29.6			
150							27.5	153	30.8	39.1	171	28.3			
155							22.2	142	29.5	35.5	164	27.1			
160										31.5	156	25.9			
165										27.0	147	24.8			
170										21.7	135	23.8			
177													37.0	149	18.5
180													35.6	147	18.2
185													31.7	139	17.4
190													27.2	130	16.7
195													21.9	118	16.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>144 ft luffing jib</b> <b>84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	68.1	71.2	231	69.5									
70	67.1	228	66.3	69.1	229	67.9									
75	64.9	226	63.3	66.9	227	66.5									
80	62.7	223	62.5	64.7	225	63.5									
85	60.4	220	61.3	62.5	222	62.6									
87							67.0	225	61.7						
90	58.0	217	59.9	60.2	220	61.4	65.6	224	59.0						
95	55.6	214	58.6	57.9	216	58.7	63.4	221	55.1						
100	53.2	210	56.3	55.5	213	55.0	61.2	218	51.6						
105	50.6	206	53.0	53.0	209	51.7	58.9	215	48.5						
110	48.0	202	49.9	50.4	205	48.8	56.5	212	45.7						
115	45.2	197	47.2	47.8	201	46.1	54.1	209	43.2						
120	42.3	191	44.7	45.0	196	43.7	51.5	205	40.9						
124										57.0	208	36.1			
125	39.2	185	42.4	42.1	190	41.4	48.9	200	38.8	56.3	207	35.5			
130	35.9	179	40.3	38.9	184	39.4	46.2	196	36.9	53.8	203	33.8			
135	32.2	171	38.4	35.6	178	37.5	43.3	190	35.1	51.9	200	32.2			
140	28.2	162	36.6	32.0	170	35.7	40.3	185	33.4	49.3	196	30.7			
145	23.5	151	34.9	27.9	161	34.1	37.8	180	32.0	46.6	191	29.3			
150	19.2	141	30.4	24.3	153	32.1	34.4	173	30.6	43.7	186	27.9			
155				18.7	139	31.2	30.6	165	29.2	40.7	180	26.7			
160							26.3	155	28.0	37.5	174	25.6			
165							21.2	143	26.8	34.0	167	24.5			
170										30.2	159	23.5			
175										25.9	149	22.5			
180										20.7	137	21.6			
185													37.0	155	17.0
185													37.0	155	16.9
190													34.2	149	16.4
195													30.4	141	15.7
200													26.1	132	15.1
205													20.9	120	14.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 154 ft luffing jib 84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	57.2	68.5	238	58.3									
80	64.5	234	56.3	66.4	236	57.3									
85	62.4	232	55.7	64.4	233	56.4									
90	60.3	229	54.8	62.3	231	55.7									
91							67.0	234	55.7						
95	58.1	226	53.7	60.2	228	54.8	65.3	232	54.8						
100	55.9	222	52.8	58.0	225	53.9	63.2	230	51.4						
105	53.6	219	51.9	55.7	222	51.5	61.1	227	48.3						
110	51.2	215	49.7	53.4	218	48.6	58.9	224	45.5						
115	48.8	210	47.0	51.0	214	45.9	56.7	221	42.9						
120	46.2	206	44.5	48.6	210	43.4	54.4	217	40.6						
125	43.6	200	42.2	46.0	205	41.2	52.1	213	38.5						
129										57.0	216	33.9			
130	40.7	195	40.1	43.3	200	39.2	49.6	209	36.6	56.5	215	33.5			
135	37.8	188	38.2	40.5	194	37.3	47.1	205	34.8	54.7	212	31.9			
140	34.5	181	36.4	37.5	188	35.6	44.5	200	33.2	52.4	209	30.4			
145	31.0	173	34.8	34.3	180	33.9	42.4	195	31.8	50.0	204	29.0			
150	27.1	164	33.2	31.6	174	31.9	39.5	189	30.3	47.5	200	27.7			
155	23.7	156	28.9	27.8	165	30.9	36.4	183	29.0	44.9	195	26.5			
160	18.3	142	27.5	23.3	154	29.8	33.1	175	27.8	42.1	190	25.3			
165							29.5	167	26.6	39.2	184	24.3			
170							25.3	157	25.5	36.1	177	23.2			
175							20.3	145	24.5	32.8	169	22.3			
180										29.1	161	21.4			
185										24.9	151	20.5			
190										19.8	138	19.7			
193													37.0	161	15.6
195													36.3	160	15.5
200													32.9	152	14.8
205													29.2	143	14.2
210													25.0	133	13.7
215													20.0	121	13.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	51.4									
85	64.2	243	50.4	66.0	244	50.9									
90	62.3	240	50.1	64.1	242	50.5									
95							67.0	243	49.8						
95	60.3	237	49.4	62.1	239	50.1	66.8	243	49.8						
100	58.2	234	48.6	60.1	236	49.5	64.9	241	49.8						
105	56.1	231	48.0	58.1	233	48.8	63.0	238	47.9						
110	54.0	227	47.4	56.0	230	48.2	61.0	235	45.1						
115	51.8	223	46.7	53.8	226	45.6	58.9	232	42.6						
120	49.5	219	44.2	51.6	223	43.2	56.9	229	40.3						
125	47.1	214	42.0	49.3	218	40.9	54.7	226	38.2						
130	44.6	210	39.9	46.9	214	38.9	52.5	222	36.3						
134										57.0	224	31.7			
135	42.1	204	38.0	44.4	209	37.0	50.3	218	34.5	57.0	224	31.4			
140	39.3	198	36.2	41.9	203	35.3	48.5	214	33.0	55.0	221	30.0			
145	36.4	192	34.5	39.1	197	33.7	46.1	210	31.4	52.8	217	28.6			
150	34.1	186	32.4	36.9	192	32.2	43.6	205	30.0	50.6	213	27.3			
155	30.8	178	30.6	33.8	185	30.8	40.9	199	28.7	48.3	209	26.1			
160	27.1	168	28.7	30.5	177	29.5	38.2	193	27.5	45.8	204	25.0			
165	22.8	157	26.8	26.7	167	28.3	35.2	186	26.3	43.3	199	23.9			
170	17.5	143	24.9	22.4	156	27.1	32.0	178	25.2	40.7	193	22.9			
175							28.4	169	24.2	37.9	187	22.0			
180							24.4	159	23.2	34.9	180	21.1			
185							19.5	146	22.3	31.6	172	20.2			
190										28.0	163	19.4			
195										23.9	152	18.7			
200										19.0	139	17.9			
201													37.0	167	14.2
205													35.0	162	13.9
210													31.8	155	13.3
215													28.2	146	12.8
220													24.1	135	12.2
225													19.2	122	11.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	43.9									
95	62.1	248	42.9	63.8	250	43.4									
98							67.0	252	42.9						
100	60.2	246	42.3	62.0	248	43.0	66.4	252	42.9						
105	58.3	243	41.6	60.1	245	42.4	64.6	249	42.9						
110	56.3	239	41.1	58.1	242	41.8	62.8	247	42.6						
115	54.3	236	40.5	56.2	239	41.2	60.9	244	42.1						
120	52.2	232	40.1	54.1	235	40.8	59.0	241	39.9						
125	50.1	228	39.5	52.1	231	40.4	57.0	238	37.9						
130	47.9	223	38.5	49.9	227	38.6	55.0	234	35.9						
135	45.6	218	37.6	47.7	223	36.7	52.9	230	34.2						
140										57.0	232	29.7			
140	43.2	213	35.9	45.4	218	35.0	51.3	227	32.6	57.0	232	29.4			
145	40.7	208	34.3	43.0	212	33.4	49.2	223	31.1	55.3	229	28.2			
150	38.7	203	30.4	41.1	208	32.0	46.9	219	29.7	53.2	226	26.9			
155	35.9	196	30.0	38.5	202	30.6	44.6	214	28.4	51.1	222	25.7			
160	33.0	189	28.7	35.7	195	29.3	42.2	208	27.2	49.0	217	24.6			
165	29.7	180	27.1	32.7	188	28.0	39.6	202	26.0	46.7	213	23.5			
170	26.1	170	25.5	29.5	179	26.9	36.9	196	24.9	44.4	208	22.5			
175	22.0	159	23.9	25.8	169	25.8	34.0	188	23.9	41.9	202	21.6			
180	16.8	144	22.3	21.6	157	24.8	30.9	180	23.0	39.4	196	20.7			
185							27.4	171	22.0	36.6	190	19.9			
190							23.5	160	21.2	33.7	182	19.1			
195							18.8	147	20.3	30.6	174	18.3			
200										27.1	165	17.6			
205										23.1	154	16.9			
208													37.0	173	13.0
210													36.8	172	12.9
215													33.8	165	12.4
220													30.7	157	11.9
225													27.2	148	11.4
230													23.2	137	10.9
235													18.5	123	10.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	37.6									
102							67.0	261	37.3						
105	60.2	254	36.5	61.8	256	37.2	66.1	260	37.3						
110	58.4	251	35.9	60.0	253	36.6	64.3	258	37.3						
115	56.5	248	35.4	58.2	250	36.1	62.6	255	36.9						
120	54.6	244	34.9	56.3	247	35.5	60.8	252	36.4						
125	52.6	240	34.5	54.4	244	35.1	59.0	249	36.0						
130	50.6	236	34.2	52.5	240	34.7	57.1	246	35.6						
135	48.6	232	33.6	50.5	236	34.3	55.3	243	33.9						
140	46.4	227	33.1	48.4	231	33.8	53.8	240	32.4						
145										57.0	241	27.9			
145	44.7	224	28.9	46.2	227	33.2	51.8	236	30.8	57.0	241	27.7			
150	42.4	218	28.0	44.5	223	30.0	49.8	232	29.4	55.5	238	26.7			
155	40.0	212	27.3	42.2	217	29.5	47.7	227	28.1	53.6	234	25.4			
160	37.5	206	26.6	39.8	211	29.0	45.5	223	26.9	51.6	230	24.3			
165	34.8	199	25.9	37.3	205	27.8	43.2	217	25.8	49.6	226	23.3			
170	31.9	191	24.7	34.6	198	26.7	40.9	212	24.7	47.5	222	22.3			
175	28.8	182	23.5	31.7	190	25.6	38.4	205	23.7	45.3	217	21.3			
180	25.3	172	22.4	28.5	181	24.6	35.8	199	22.7	43.0	211	20.5			
185	21.2	160	21.2	25.0	171	23.6	33.0	191	21.8	40.6	206	19.6			
190	16.2	145	20.0	20.9	159	22.7	29.9	183	21.0	38.1	199	18.8			
195							26.5	173	20.2	35.5	193	18.1			
200							22.7	162	19.4	32.7	185	17.4			
205							18.1	148	18.6	29.6	177	16.7			
210										26.2	167	16.1			
215										22.3	155	15.4			
216													37.0	179	11.9
220													35.6	175	11.6
225													32.8	168	11.1
230													29.7	159	10.7
235													26.3	150	10.2
240													22.5	138	9.8
245													17.8	124	9.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.6						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	29.6						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	29.5						
120	57.1	257	28.0	58.7	260	28.5	62.8	264	29.3						
125	55.3	254	27.6	56.9	256	28.1	61.1	261	29.0						
130	53.4	250	27.3	55.1	253	27.8	59.4	259	28.8						
135	51.5	246	27.0	53.3	249	27.5	57.7	255	28.5						
140	49.6	242	26.6	51.4	245	27.2	55.9	252	28.2						
145	47.6	237	26.1	49.5	241	26.9	54.1	248	27.9						
150	45.6	232	25.5	47.5	237	26.5	52.2	245	27.7						
150										57.0	249	25.9			
155	43.4	227	25.1	45.4	232	26.2	50.3	241	27.5	55.7	246	25.1			
160	41.2	222	24.6	43.3	226	25.9	48.3	236	26.6	53.9	243	23.9			
165	38.9	216	24.2	41.0	221	25.6	46.3	231	25.4	52.0	239	22.9			
170	36.4	209	23.8	38.7	215	25.3	44.2	226	24.4	50.1	235	21.9			
175	33.8	202	23.2	36.2	208	25.0	42.0	221	23.4	48.1	230	21.0			
180	31.0	194	22.2	33.6	201	24.3	39.7	215	22.4	46.1	226	20.1			
185	27.9	184	21.3	30.7	192	23.3	37.3	209	21.5	44.0	221	19.3			
190	24.5	174	20.4	27.7	183	22.4	34.7	201	20.7	41.8	215	18.5			
195	20.5	162	19.4	24.2	173	21.6	32.0	194	19.9	39.5	209	17.7			
200	15.5	146	18.5	20.2	160	20.7	29.0	185	19.1	37.0	203	17.0			
205							25.7	175	18.4	34.5	195	16.4			
210							22.0	163	17.6	31.7	188	15.7			
215							17.4	149	17.0	28.7	179	15.1			
220										25.4	169	14.5			
224													37.0	185	10.8
225										21.6	157	14.0	37.0	185	10.7
230													34.6	178	10.3
235													31.8	170	9.9
240													28.8	162	9.4
245													25.5	151	9.0
250													21.7	140	8.6
255													17.1	125	8.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	25.6						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	25.3						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	25.0						
135	53.7	259	23.6	55.3	261	24.2	59.4	267	24.8						
140	51.9	255	23.4	53.6	258	23.9	57.8	264	24.5						
145	50.1	251	23.1	51.8	254	23.7	56.1	261	24.3						
150	48.2	246	22.9	50.0	250	23.5	54.3	257	24.0						
155	46.3	241	22.7	48.1	245	23.3	52.6	253	23.8						
156										57.0	257	23.3			
160	44.3	236	22.4	46.2	241	23.0	50.8	249	23.7	55.9	255	23.3			
165	42.2	231	22.2	44.1	235	22.8	48.9	245	23.5	54.2	251	22.5			
170	40.1	225	22.0	42.1	230	22.7	47.0	240	23.3	52.4	248	21.5			
175	37.8	219	21.9	39.9	224	22.5	45.0	235	23.0	50.6	243	20.6			
180	35.4	212	21.7	37.6	218	22.3	43.0	230	22.1	48.7	239	19.7			
185	32.8	204	21.0	35.2	211	22.0	40.8	224	21.2	46.8	235	18.9			
190	30.1	196	20.3	32.6	203	21.4	38.6	218	20.3	44.8	230	18.1			
195	27.1	187	19.5	29.9	195	20.7	36.2	212	19.5	42.8	224	17.4			
200	23.7	176	18.8	26.8	185	20.0	33.8	204	18.8	40.6	218	16.7			
205	19.8	163	18.0	23.5	174	19.3	31.1	196	18.1	38.4	212	16.0			
210				19.5	161	18.6	28.2	187	17.4	36.0	206	15.4			
215							25.0	177	16.7	33.5	198	14.8			
220							21.3	165	16.1	30.8	190	14.2			
225							16.8	150	15.4	27.9	181	13.6			
230										24.6	170	13.1			
232													37.0	191	9.6
235										20.9	158	12.6	36.1	188	9.5
240													33.6	181	9.1
245													30.9	173	8.7
250													28.0	164	8.3
255													24.8	153	7.9
260													21.0	141	7.5
265													16.5	126	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	188.7												
37				75.0	168	188.7									
40	67.1	165	186.6	71.9	167	183.2									
45	62.2	163	159.1	67.2	165	155.7									
50	57.0	159	138.2	62.3	162	135.3									
55	51.5	156	122.0	57.1	159	119.4									
59							67.0	162	103.5						
60	45.5	151	109.1	51.6	155	106.8	65.7	161	100.6						
65	38.7	145	98.5	45.6	151	96.4	60.8	159	90.9						
70	30.6	137	89.6	38.9	145	87.8	55.5	155	82.8						
75	19.6	126	77.9	30.9	137	80.5	49.9	151	75.9						
80				23.0	129	33.0	43.7	146	70.1						
85										57.0	150	60.3			
85							36.6	140	64.9	56.7	150	60.1			
90							28.0	131	60.4	51.2	146	56.0			
95							18.9	122	33.0	45.1	142	52.3			
100										38.3	136	49.1			
105										30.2	128	46.1			
110										22.0	119	33.0			
129													37.0	115	30.2
130													37.0	115	29.9
135													28.6	107	28.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.8												
39				75.0	177	158.8									
40	70.2	176	158.8	74.4	177	158.8									
45	66.1	174	158.2	70.3	175	155.5									
50	61.8	171	138.1	66.2	173	135.0									
55	57.3	168	121.9	61.9	171	119.2									
60	52.6	164	109.0	57.4	168	106.6									
63							67.0	171	95.1						
65	47.5	160	98.4	52.7	164	96.3	64.9	170	90.5						
70	42.0	154	89.6	47.7	159	87.7	60.6	167	82.5						
75	35.7	148	82.2	42.1	154	80.4	56.0	164	75.7						
80	28.1	139	75.8	35.9	148	74.2	51.2	160	69.8						
85	17.7	126	68.8	28.4	139	68.8	46.0	155	64.7						
90				20.9	130	33.0	40.3	150	60.3						
90										57.0	159	55.5			
95							33.7	143	56.3	52.3	155	52.0			
100							25.7	133	52.8	47.2	151	48.7			
105										41.6	145	45.9			
110										35.3	138	43.2			
115										27.7	130	40.8			
120										20.0	120	33.0			
137													37.0	121	27.3
140													34.2	118	26.8
145													26.2	108	25.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	149.7												
42				75.0	187	150.1									
45	69.0	184	146.9	72.7	186	150.0									
50	65.3	182	137.9	69.1	184	134.8									
55	61.5	180	121.7	65.4	182	119.0									
60	57.6	176	108.8	61.6	179	106.4									
65	53.4	173	98.3	57.7	176	96.1									
66							67.0	180	87.8						
70	49.0	169	89.5	53.5	172	87.5	64.3	178	82.1						
75	44.3	164	82.1	49.2	168	80.2	60.5	176	75.3						
80	39.1	158	75.7	44.4	163	74.0	56.4	172	69.5						
85	33.2	151	70.2	39.2	157	68.6	52.2	169	64.4						
90	26.1	141	60.9	33.4	150	63.9	47.8	164	60.0						
95	16.1	127	57.2	26.3	141	59.7	42.9	159	56.1						
95										57.0	167	51.3			
100							37.6	153	52.6	53.2	164	48.4			
105							31.4	145	49.5	48.8	159	45.5			
110							23.8	135	46.6	44.0	154	42.9			
115										38.8	148	40.6			
120										32.9	141	38.4			
125										25.7	132	36.4			
130										18.3	121	33.0			
145													37.0	127	25.2
150													31.8	120	24.0
155													24.3	110	22.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 95 ft luffing jib 94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	134.1												
44				75.0	196	133.2									
45	71.3	195	131.9	74.6	196	133.2									
50	68.1	193	128.5	71.4	195	132.5									
55	64.7	191	121.6	68.1	193	118.8									
60	61.3	188	108.7	64.8	190	106.2									
65	57.8	185	98.2	61.4	188	95.9									
70	54.1	181	89.4	57.9	185	87.4									
70							67.0	189	81.6						
75	50.2	177	82.0	54.2	181	80.1	63.8	187	75.1						
80	46.1	173	75.7	50.3	177	73.9	60.4	184	69.3						
85	41.6	167	70.2	46.2	172	68.6	56.8	181	64.3						
90	36.7	161	65.3	41.7	167	63.9	53.0	177	59.8						
95	31.1	153	61.1	36.9	160	59.7	49.1	173	56.0						
100	24.4	143	56.9	31.3	153	56.0	44.9	168	52.5						
101										57.0	175	47.7			
105										53.9	172	45.3			
110				24.6	143	52.6	40.3	162	49.4	50.0	168	42.7			
115							35.3	156	46.6	45.8	163	40.4			
120							29.4	147	44.0	41.4	158	38.3			
125							22.1	136	41.7	36.4	151	36.3			
130										30.8	144	34.5			
135										25.7	136	32.9			
153													37.0	133	23.0
155													35.6	131	22.8
160													29.8	122	21.8
165													22.6	112	20.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      105 ft luffing jib                      94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	116.2												
47				75.0	206	116.0									
50	70.2	204	113.5	73.2	205	116.0									
55	67.3	202	109.7	70.3	203	113.7									
60	64.3	199	105.6	67.4	201	105.9									
65	61.1	197	97.9	64.3	199	95.7									
70	57.9	193	89.2	61.2	196	87.1									
74							67.0	198	75.9						
75	54.6	190	81.8	58.0	193	79.9	66.4	198	74.7						
80	51.1	186	75.5	54.7	190	73.7	63.4	195	68.9						
85	47.5	182	70.0	51.2	186	68.3	60.3	193	63.9						
90	43.6	176	65.2	47.6	181	63.6	57.0	189	59.5						
95	39.4	171	60.9	43.7	176	59.5	53.7	186	55.6						
100	34.7	164	57.1	39.5	170	55.8	50.1	182	52.2						
105	29.4	155	53.7	34.8	163	52.5	46.4	177	49.1						
106										57.0	183	44.3			
110	22.9	144	50.7	29.5	155	49.5	42.4	172	46.3	54.4	181	42.3			
115				23.1	144	46.8	38.1	166	43.8	50.9	177	40.0			
120							33.3	158	41.5	47.3	172	37.9			
125							27.7	149	39.3	43.4	167	36.0			
130							20.7	138	37.4	39.1	161	34.2			
135										35.6	156	32.6			
140										30.4	148	31.1			
145										24.2	138	29.6			
160													37.0	138	21.1
165													33.6	133	20.5
170													28.1	125	19.6
175													21.2	113	18.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      115 ft luffing jib                      94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	103.5									
50	72.0	214	102.8	74.7	215	103.5									
55	69.3	212	100.4	72.1	214	103.3									
60	66.6	210	95.0	69.4	212	100.4									
65	63.8	208	92.8	66.7	210	95.4									
70	61.0	205	88.9	63.9	207	86.8									
75	58.1	202	81.6	61.1	205	79.6									
78							67.0	207	70.9						
80	55.0	198	75.2	58.2	202	73.4	65.9	206	68.6						
85	51.9	195	69.7	55.1	198	68.0	63.1	204	63.5						
90	48.6	190	64.6	52.0	194	63.4	60.2	201	59.2						
95	45.1	185	60.7	48.7	190	59.2	57.2	198	55.3						
100	41.4	180	56.9	45.2	185	55.6	54.2	194	51.8						
105	37.4	174	53.6	41.5	180	52.3	51.0	190	48.8						
110	32.9	166	50.5	37.5	173	49.3	47.7	186	46.0						
112										57.0	192	41.2			
115	27.8	157	47.7	33.1	166	46.6	44.1	181	43.5	54.9	189	39.6			
120	21.6	146	45.2	28.0	157	44.1	40.3	175	41.2	51.7	185	37.5			
125				21.8	146	41.9	36.2	169	39.1	48.4	181	35.6			
130							31.6	161	37.1	44.9	176	33.8			
135							26.2	151	35.4	42.1	172	32.3			
140							19.5	139	33.7	38.1	166	30.8			
145										33.8	159	29.3			
150										28.8	150	28.0			
155										22.8	139	26.8			
168													37.0	144	19.3
170													36.4	143	19.2
175													31.9	136	18.4
180													26.6	126	17.6
185													20.0	114	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	90.5									
55	71.0	223	88.9	73.5	224	90.4									
60	68.6	221	86.8	71.1	222	90.3									
65	66.1	219	84.4	68.6	220	87.1									
70	63.5	216	82.4	66.1	218	84.8									
75	60.9	213	80.7	63.6	216	79.4									
80	58.2	210	75.0	61.0	213	73.2									
82							67.0	216	66.5						
85	55.4	207	69.6	58.3	210	67.9	65.4	215	63.3						
90	52.5	203	64.8	55.5	207	63.2	62.8	212	58.9						
95	49.5	199	60.5	52.6	203	59.0	60.1	210	55.0						
100	46.4	194	56.8	49.6	199	55.4	57.4	206	51.6						
105	43.1	189	53.4	46.5	194	52.1	54.6	203	48.5						
110	39.5	183	50.4	43.2	189	49.1	51.7	199	45.8						
115	35.7	177	47.6	39.6	183	46.4	48.7	195	43.3						
117										57.0	200	38.5			
120	31.4	169	45.1	35.8	176	44.0	45.5	190	41.0	55.3	198	37.3			
125	26.5	159	42.8	31.5	168	41.8	42.1	184	38.9	52.4	194	35.3			
130	20.5	147	40.7	26.6	159	39.7	38.5	178	37.0	49.4	190	33.6			
135				20.6	147	37.8	34.5	171	35.2	47.0	186	32.0			
140							30.1	163	33.6	43.7	181	30.5			
145							26.2	156	32.1	40.2	175	29.1			
150							20.2	143	30.6	36.4	169	27.8			
155										32.2	161	26.6			
160										27.4	152	25.5			
165										21.7	141	24.4			
176													37.0	150	17.8
180													34.8	146	17.4
185													30.4	138	16.7
190													25.3	128	16.0
195													18.9	115	15.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	78.0	72.5	233	79.8									
65	67.9	229	76.2	70.3	231	78.2									
70	65.6	227	74.3	68.0	229	76.6									
75	63.2	225	72.7	65.7	227	74.5									
80	60.8	222	71.2	63.3	224	72.9									
85	58.3	219	69.3	60.8	222	67.6									
86							67.0	225	62.4						
90	55.7	216	64.5	58.3	218	62.9	64.9	223	58.5						
95	53.1	212	60.3	55.8	215	58.8	62.5	221	54.7						
100	50.3	208	56.5	53.1	211	55.1	60.1	218	51.3						
105	47.5	203	53.2	50.4	207	51.8	57.6	215	48.2						
110	44.4	198	50.1	47.5	203	48.9	55.0	211	45.4						
115	41.3	193	47.4	44.5	198	46.2	52.3	208	42.9						
120	37.8	186	44.9	41.3	192	43.7	49.5	203	40.6						
122										57.0	208	36.0			
125	34.1	179	42.6	37.9	186	41.5	46.6	199	38.6	55.6	206	34.9			
130	30.0	171	40.5	34.2	179	39.5	43.6	194	36.7	52.9	203	33.2			
135	25.3	161	38.6	30.1	171	37.6	40.3	188	34.9	50.8	200	31.6			
140	19.5	148	36.8	25.4	161	35.8	36.8	181	33.3	48.0	195	30.2			
145				19.6	148	34.2	34.0	176	31.8	45.0	190	28.8			
150							29.8	168	30.4	41.8	185	27.5			
155							25.0	157	29.1	38.5	179	26.3			
160							19.1	145	27.8	34.8	172	25.2			
165										30.8	164	24.1			
170										26.2	154	23.1			
175										20.6	142	22.1			
184													37.0	156	16.4
185													37.0	156	16.3
190													33.3	149	15.6
195													29.0	140	15.0
200													24.1	130	14.4
205													17.9	116	13.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	68.9									
70	67.4	238	65.8	69.6	240	67.4									
75	65.2	236	63.1	67.4	238	66.1									
80	63.0	233	62.0	65.2	235	63.4									
85	60.7	230	60.9	63.0	233	62.2									
89							67.0	235	58.6						
90	58.4	227	59.5	60.7	230	61.1	66.8	234	58.2						
95	56.0	224	58.2	58.4	227	58.5	64.6	232	54.3						
100	53.5	220	56.3	56.0	224	54.8	62.3	229	50.9						
105	51.0	216	52.9	53.6	220	51.5	60.0	226	47.8						
110	48.3	212	49.9	51.1	216	48.6	57.7	223	45.1						
115	45.6	207	47.2	48.4	212	45.9	55.3	220	42.6						
120	42.7	202	44.7	45.7	207	43.5	52.8	216	40.3						
125	39.6	196	42.4	42.8	202	41.2	50.3	212	38.2						
128										57.0	217	33.6			
130	36.3	189	40.3	39.7	196	39.2	47.6	208	36.3	56.4	216	32.9			
135	32.8	182	38.4	36.4	189	37.3	44.8	203	34.6	54.0	212	31.3			
140	28.8	173	36.6	32.9	182	35.6	42.6	199	33.0	51.4	208	29.8			
145	24.2	163	34.9	28.9	173	34.0	39.5	193	31.5	48.8	204	28.4			
150	20.0	153	27.8	25.5	165	29.9	36.2	186	30.1	46.1	199	27.1			
155				20.2	153	29.1	32.6	178	28.8	43.2	194	25.9			
160							28.6	170	27.6	40.2	188	24.8			
165							24.0	159	26.4	37.0	182	23.8			
170							18.2	146	25.3	33.4	174	22.8			
175										29.5	166	21.8			
180										25.1	156	20.9			
185										19.7	143	20.1			
192													37.0	162	14.9
195													35.6	159	14.6
200													31.9	152	14.0
205													27.8	143	13.5
210													23.1	132	12.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	59.4									
75	66.9	247	57.4	68.9	248	58.5									
80	64.8	244	56.5	66.9	246	57.7									
85	62.7	242	55.7	64.9	244	56.7									
90	60.6	239	54.9	62.8	241	55.9									
93							67.0	244	55.3						
95	58.4	236	53.9	60.7	238	55.1	66.3	243	54.1						
100	56.2	233	52.9	58.5	235	54.2	64.2	240	50.6						
105	53.9	229	52.1	56.3	232	51.3	62.2	238	47.6						
110	51.6	225	49.7	54.0	229	48.3	60.0	235	44.8						
115	49.1	221	46.9	51.6	225	45.7	57.8	232	42.3						
120	46.6	216	44.5	49.2	220	43.3	55.6	228	40.0						
125	43.9	211	42.2	46.6	216	41.0	53.3	225	38.0						
130	41.1	205	40.1	44.0	211	39.0	50.9	221	36.1						
133										57.0	225	31.2			
135	38.2	199	38.2	41.2	205	37.1	48.4	216	34.3	56.6	224	31.0			
140	35.0	192	36.4	38.3	199	35.4	46.5	213	32.8	54.3	221	29.5			
145	31.5	184	34.7	35.1	192	33.8	43.8	208	31.3	52.0	217	28.1			
150	27.7	175	33.2	32.5	186	31.1	41.0	202	29.9	49.6	213	26.9			
155	24.3	167	26.9	28.7	177	29.9	38.0	196	28.6	47.0	208	25.7			
160	19.1	154	25.6	24.5	167	28.6	34.8	189	27.4	44.4	203	24.6			
165				19.3	154	27.3	31.4	181	26.2	41.6	197	23.5			
170							27.5	172	25.1	38.7	191	22.5			
175							23.0	161	24.1	35.6	185	21.6			
180							17.4	147	23.1	32.2	177	20.7			
185										28.4	168	19.9			
190										24.1	158	19.1			
195										18.8	144	18.3			
200													37.0	168	13.8
200													37.0	168	13.7
205													34.3	162	13.2
210													30.7	154	12.7
215													26.8	145	12.1
220													22.1	133	11.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	51.0									
85	64.5	253	49.8	66.5	255	50.5									
90	62.5	250	49.5	64.6	252	50.1									
95	60.5	247	48.9	62.6	250	49.7									
97							67.0	253	48.8						
100	58.5	244	48.3	60.6	247	49.2	65.9	251	48.8						
105	56.4	241	47.6	58.6	244	48.5	64.0	249	47.2						
110	54.3	238	47.1	56.5	241	47.9	62.0	246	44.4						
115	52.1	234	46.6	54.3	237	45.4	60.0	243	42.0						
120	49.8	229	44.2	52.1	233	43.0	57.9	240	39.7						
125	47.4	225	41.9	49.9	229	40.7	55.8	237	37.6						
130	45.0	220	39.8	47.5	225	38.7	53.7	233	35.7						
135	42.4	215	37.9	45.0	220	36.8	51.4	229	34.0						
138										57.0	233	29.2			
140	39.7	209	36.1	42.5	214	35.1	49.7	226	32.4	56.8	233	29.1			
145	36.9	202	34.5	39.8	208	33.5	47.3	222	30.9	54.7	229	27.7			
150	34.5	197	28.9	37.6	204	32.1	44.9	217	29.6	52.5	225	26.5			
155	31.2	189	27.5	34.6	196	30.7	42.3	211	28.3	50.2	221	25.3			
160	27.6	180	26.1	31.3	189	29.4	39.6	205	27.0	47.9	217	24.2			
165	23.4	169	24.7	27.7	179	28.2	36.7	199	25.9	45.4	212	23.1			
170	18.3	155	23.3	23.5	169	27.0	33.6	192	24.8	42.9	207	22.2			
175				18.5	155	25.3	30.3	183	23.8	40.2	201	21.2			
180							26.5	174	22.9	37.4	195	20.4			
185							22.1	162	22.0	34.3	187	19.6			
190							16.7	147	21.1	31.0	179	18.8			
195										27.4	170	18.0			
200										23.2	159	17.3			
205										18.0	145	16.6			
208													37.0	174	12.4
210													36.2	172	12.3
215													33.1	165	11.8
220													29.6	156	11.3
225													25.8	146	10.8
230													21.3	134	10.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom</b> <b>174 ft luffing jib</b> <b>94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7			74.9									
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.5	66.1	263	44.2									
95	62.4	259	43.1	64.3	261	43.7									
100	60.5	256	42.6	62.4	258	43.4									
101							67.0	262	42.8						
105	58.6	253	41.9	60.5	255	42.8	65.5	260	42.8						
110	56.6	250	41.4	58.6	252	42.2	63.7	257	42.8						
115	54.6	246	40.9	56.6	249	41.6	61.8	255	41.6						
120	52.5	242	40.4	54.6	246	41.2	59.9	252	39.3						
125	50.4	238	40.0	52.6	242	40.4	58.0	249	37.3						
130	48.2	234	39.0	50.4	238	38.4	56.0	245	35.4						
135	45.9	229	37.6	48.2	233	36.5	54.0	242	33.6						
140	43.5	224	35.9	46.0	229	34.8	52.4	239	32.1						
144										57.0	241	27.4			
145	41.0	218	34.2	43.6	223	33.2	50.3	235	30.6	56.9	241	27.3			
150	39.1	213	28.3	41.7	219	31.2	48.1	230	29.2	54.9	238	26.1			
155	36.3	207	27.5	39.1	213	30.4	45.8	226	27.9	52.9	234	24.9			
160	33.4	199	26.4	36.4	207	29.1	43.4	220	26.7	50.8	230	23.8			
165	30.2	191	25.0	33.5	199	27.9	40.9	215	25.6	48.6	226	22.8			
170	26.6	182	23.7	30.3	191	26.8	38.3	209	24.5	46.3	221	21.8			
175	22.6	170	22.4	26.7	181	25.7	35.5	202	23.5	44.0	216	20.9			
180	17.6	156	21.0	22.7	170	24.6	32.5	194	22.6	41.5	210	20.0			
185				17.8	156	23.0	29.2	186	21.7	38.9	204	19.2			
190							25.6	176	20.8	36.2	197	18.4			
195							21.3	164	20.0	33.2	190	17.7			
200							16.0	148	19.2	30.0	182	17.0			
205										26.4	172	16.3			
210										22.3	161	15.7			
215										17.3	146	15.1			
215													37.0	180	11.2
220													35.0	175	10.9
225													32.0	167	10.4
230													28.6	158	10.0
235													24.9	148	9.6
240													20.5	136	9.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	37.4									
105							67.0	271	36.9						
105	60.4	264	36.2	62.3	267	37.0	66.9	271	36.9						
110	58.6	261	35.6	60.5	264	36.5	65.2	268	36.8						
115	56.7	258	35.1	58.7	261	35.9	63.5	266	36.7						
120	54.8	255	34.7	56.8	258	35.4	61.7	263	36.3						
125	52.9	251	34.3	54.9	254	34.9	59.9	260	35.8						
130	50.9	247	33.9	52.9	250	34.5	58.1	257	35.1						
135	48.8	243	33.4	51.0	246	34.2	56.2	254	33.4						
140	47.2	239	29.3	48.9	242	33.7	54.8	251	31.8						
145	45.0	234	28.3	47.3	239	30.1	52.8	248	30.3						
149										57.0	250	25.9			
150	42.7	229	27.4	45.1	234	29.6	50.8	244	29.0	57.0	250	25.7			
155	40.4	223	26.6	42.8	228	29.1	48.7	239	27.7	55.2	246	24.6			
160	37.9	217	25.8	40.4	223	28.6	46.6	235	26.5	53.3	243	23.5			
165	35.2	210	25.0	37.9	216	27.7	44.4	229	25.3	51.3	239	22.5			
170	32.3	202	23.8	35.3	209	26.5	42.1	224	24.3	49.2	234	21.5			
175	29.2	193	22.5	32.4	202	25.5	39.7	218	23.3	47.1	230	20.6			
180	25.8	184	21.3	29.3	193	24.4	37.1	212	22.3	44.9	225	19.8			
185	21.8	172	20.0	25.9	183	23.5	34.4	205	21.4	42.6	219	18.9			
190	16.9	157	18.7	21.9	172	22.1	31.5	197	20.6	40.2	214	18.2			
195							28.3	188	19.8	37.7	207	17.4			
200							24.7	177	19.0	35.0	200	16.8			
205							20.6	165	18.3	32.2	193	16.1			
210										29.1	184	15.5			
215										25.6	174	14.9			
220										21.6	162	14.3			
223													37.0	186	10.2
225													36.7	185	10.2
230													33.9	178	9.7
235													31.0	170	9.3
240													27.7	161	8.9
245													24.0	150	8.5
250													19.7	137	8.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	29.7						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	29.7						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	29.7						
120	57.3	267	28.2	59.1	270	28.8	63.7	275	29.6						
125	55.5	264	27.8	57.3	267	28.4	62.0	272	29.3						
130	53.7	260	27.5	55.6	264	28.0	60.3	270	29.1						
135	51.8	256	27.2	53.7	260	27.7	58.6	267	28.9						
140	49.9	252	26.8	51.9	256	27.4	56.8	263	28.5						
145	47.9	248	26.1	49.9	252	27.1	55.0	260	28.2						
150	45.8	243	25.5	47.9	247	26.7	53.2	256	27.9						
154										57.0	258	24.3			
155	43.7	238	25.0	45.9	243	26.3	51.3	252	27.3	57.0	258	24.1			
160	41.5	232	24.4	43.8	237	25.9	49.3	248	26.1	55.4	255	23.1			
165	39.2	226	23.9	41.6	232	25.6	47.3	243	25.0	53.6	251	22.1			
170	36.8	220	23.5	39.3	226	25.3	45.3	238	23.9	51.7	247	21.1			
175	34.2	213	22.8	36.8	219	25.0	43.1	233	22.9	49.8	243	20.2			
180	31.4	205	21.7	34.2	212	24.2	40.9	228	22.0	47.8	239	19.4			
185	28.3	196	20.6	31.5	204	23.2	38.5	221	21.1	45.7	234	18.6			
190	25.0	185	19.5	28.4	195	22.2	36.0	215	20.3	43.6	229	17.8			
195	21.1	173	18.3	25.1	185	21.2	33.4	207	19.5	41.4	223	17.1			
200	16.3	158	17.2	21.2	173	20.2	30.6	199	18.7	39.1	217	16.4			
205							27.4	190	18.0	36.6	210	15.7			
210							23.9	179	17.3	34.0	203	15.1			
215							19.9	166	16.7	31.2	195	14.5			
220										28.2	186	14.0			
225										24.8	176	13.4			
230										20.9	164	12.9			
231													37.0	192	9.1
235													35.6	188	8.9
240													32.9	180	8.5
245													30.0	172	8.1
250													26.9	163	7.8
255													23.3	152	7.4
260													19.1	138	7.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 203 ft luffing jib 94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	25.4						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	25.2						
130	55.7	272	23.8	57.5	275	24.4	61.9	281	24.9						
135	54.0	269	23.5	55.8	272	24.1	60.3	278	24.7						
140	52.2	265	23.3	54.0	268	23.8	58.6	275	24.5						
145	50.4	261	23.0	52.2	265	23.6	56.9	272	24.2						
150	48.5	257	22.8	50.4	261	23.4	55.2	268	23.9						
155	46.6	252	22.5	48.6	256	23.1	53.5	265	23.7						
160										57.0	266	22.7			
160	44.6	247	22.3	46.6	251	22.9	51.7	261	23.5	57.0	266	22.5			
165	42.5	241	22.0	44.6	246	22.7	49.9	257	23.3	55.6	263	21.7			
170	40.4	236	21.8	42.6	241	22.5	48.0	252	23.1	53.9	260	20.7			
175	38.1	229	21.6	40.4	235	22.3	46.0	247	22.6	52.1	256	19.8			
180	35.7	223	21.4	38.2	229	22.1	44.0	242	21.7	50.3	252	19.0			
185	33.2	215	20.7	35.8	222	21.9	41.9	237	20.8	48.4	247	18.2			
190	30.5	207	19.7	33.3	215	21.2	39.7	231	20.0	46.5	243	17.4			
195	27.5	198	18.7	30.6	207	20.5	37.5	224	19.2	44.5	238	16.7			
200	24.2	187	17.7	27.6	197	19.8	35.0	218	18.4	42.4	232	16.0			
205	20.4	175	16.7	24.3	187	19.1	32.5	210	17.7	40.2	226	15.4			
210				20.5	174	18.4	29.7	201	17.0	38.0	220	14.8			
215							26.6	192	16.4	35.6	213	14.2			
220							23.2	181	15.7	33.1	206	13.6			
225							19.2	167	15.1	30.3	197	13.1			
230										27.4	188	12.6			
235										24.0	177	12.1			
239										20.2	165	11.6	37.0	198	8.1
240													37.0	198	8.1
245													34.6	191	7.7
250													32.0	183	7.4
255													29.2	174	7.0
260													26.1	164	6.7
265													22.6	153	6.4
270													18.4	139	6.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

104

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>66 ft luffing jib</b> <b>104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	187.8												
38				75.0	178	188.7									
40	67.7	175	184.6	73.0	177	182.4									
45	62.8	173	158.9	68.3	175	155.1									
50	57.7	170	138.0	63.5	173	134.7									
55	52.3	166	121.9	58.4	170	118.9									
60	46.3	161	108.9	53.0	166	106.4									
61							67.0	172	96.8						
65	39.7	156	98.4	47.1	162	96.1	63.3	170	89.8						
70	31.9	148	89.6	40.6	156	87.5	58.2	167	81.8						
75	21.4	137	81.0	33.0	149	80.2	52.8	163	75.0						
80				23.0	139	73.9	46.9	158	69.2						
85							40.4	153	64.2						
89										57.0	159	55.5			
90							32.7	146	59.7	55.8	159	54.6			
95							22.6	135	55.8	50.2	155	51.1			
100										44.0	150	47.9			
105										37.1	143	45.1			
110										28.6	135	42.5			
136													37.0	122	26.5
140													32.2	117	25.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	158.8												
40	70.8	186	158.8												
40				75.0	187	158.8									
45	66.7	184	156.9	71.3	186	154.9									
50	62.4	181	137.9	67.2	184	134.5									
55	58.0	178	121.7	63.0	181	118.7									
60	53.3	175	108.8	58.5	178	106.2									
65	48.2	170	98.3	53.9	175	95.9									
65							67.0	181	89.3						
70	42.8	165	89.5	48.9	170	87.3	62.8	178	81.4						
75	36.6	159	82.1	43.5	165	80.1	58.4	175	74.7						
80	29.3	150	75.7	37.4	159	73.9	53.7	172	68.9						
85	19.5	139	70.1	30.3	151	68.5	48.7	167	63.9						
90				21.0	140	63.7	43.3	162	59.5						
94										57.0	168	51.2			
95							37.2	156	55.6	56.3	167	50.7			
100							30.1	148	52.2	51.5	163	47.6			
105										46.3	159	44.7			
110										40.6	153	42.2			
115										34.1	146	39.9			
120										26.2	137	37.7			
144													37.0	128	24.2
145													36.8	127	24.2
150													29.6	119	23.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft luffing jib 104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	147.1												
43				75.0	197	147.0									
45	69.5	195	144.9	73.6	196	146.9									
50	65.9	192	137.7	70.0	194	134.2									
55	62.1	190	121.6	66.3	192	118.5									
60	58.1	187	108.7	62.6	190	105.9									
65	54.0	183	98.1	58.7	187	95.7									
69							67.0	190	82.7						
70	49.7	179	89.4	54.6	183	87.1	66.2	189	81.1						
75	45.0	174	82.0	50.2	179	79.9	62.4	187	74.3						
80	39.9	168	75.6	45.6	174	73.7	58.5	184	68.6						
85	34.1	161	70.1	40.5	169	68.4	54.4	180	63.6						
90	27.2	152	61.9	34.9	162	63.7	50.1	176	59.2						
95	17.8	139	58.8	28.2	153	59.5	45.4	171	55.4						
100										57.0	176	47.4			
100				19.3	141	55.7	40.4	166	51.9	56.7	176	47.1			
105							34.7	159	48.9	52.5	172	44.3			
110							27.9	150	46.1	48.0	168	41.8			
115										43.2	162	39.5			
120										37.9	156	37.4			
125										31.8	149	35.5			
130										24.2	139	33.7			
152													37.0	134	22.1
155													34.3	130	21.7
160													27.4	121	20.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      95 ft luffing jib                      104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.9												
45	71.7	205	128.4												
46				75.0	206	129.0									
50	68.5	203	125.0	72.1	205	128.9									
55	65.2	201	120.1	68.9	203	118.3									
60	61.8	198	108.6	65.6	201	105.8									
65	58.3	195	98.0	62.2	198	95.5									
70	54.6	192	89.3	58.7	195	87.0									
73							67.0	199	77.0						
75	50.8	188	81.9	55.1	192	79.8	65.5	198	74.1						
80	46.7	183	75.6	51.3	188	73.6	62.1	195	68.4						
85	42.3	178	70.1	47.2	183	68.3	58.6	192	63.4						
90	37.4	172	65.3	42.8	178	63.6	55.0	189	59.1						
95	32.0	164	61.0	38.1	172	59.4	51.1	185	55.2						
100	25.4	154	57.2	32.7	164	55.7	47.1	180	51.8						
105				26.3	155	52.4	42.7	175	48.7	57.0	184	44.1			
110				20.2	146	33.0	37.9	169	46.0	53.2	180	41.6			
115							32.5	161	43.4	49.3	176	39.3			
120							26.1	152	41.1	45.1	171	37.3			
125										40.6	166	35.4			
130										35.6	159	33.6			
135										31.2	153	32.0			
140										24.5	143	30.5			
159													37.0	140	20.6
160													37.0	140	20.4
165													32.2	133	19.6
170													25.7	123	18.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	114.6												
48				75.0	216	114.3									
50	70.6	214	112.3	73.9	215	114.3									
55	67.7	212	109.1	71.0	213	113.1									
60	64.7	209	105.0	68.1	211	105.5									
65	61.6	207	97.8	65.1	209	95.2									
70	58.4	204	89.1	62.0	207	86.7									
75	55.1	200	81.7	58.8	204	79.5									
77							67.0	208	71.8						
80	51.6	196	75.4	55.5	200	73.4	65.0	206	68.0						
85	48.0	192	69.9	52.1	196	68.0	61.9	204	63.0						
90	44.1	187	65.1	48.5	192	63.3	58.7	201	58.7						
95	40.0	181	60.8	44.6	187	59.2	55.4	197	54.9						
100	35.4	174	57.1	40.5	181	55.5	52.0	193	51.5						
105	30.2	166	53.7	36.0	175	52.3	48.3	189	48.4						
110	23.9	156	50.6	30.9	167	49.3	44.5	184	45.7						
110										57.0	192	41.0			
115				24.8	157	46.6	40.4	178	43.2	53.9	189	38.9			
120				18.8	147	33.0	35.8	172	40.9	50.3	185	36.9			
125							30.7	164	38.8	46.6	180	35.0			
130							24.5	154	36.9	42.7	175	33.3			
135										39.4	171	31.7			
140										34.7	164	30.2			
145										29.4	155	28.8			
150										23.0	145	27.5			
167													37.0	145	18.7
170													35.5	143	18.4
175													30.3	135	17.6
180													24.1	125	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	100.3												
51				75.0	225	100.8									
55	69.7	222	98.3	72.7	224	100.7									
60	67.0	220	94.5	70.0	222	98.7									
65	64.2	218	91.7	67.3	220	94.9									
70	61.4	215	88.8	64.6	218	86.4									
75	58.5	212	81.4	61.8	215	79.2									
80	55.5	209	75.1	58.9	212	73.1									
81							67.0	217	67.1						
85	52.3	205	69.6	55.9	209	67.7	64.5	215	62.7						
90	49.1	201	64.9	52.8	205	63.1	61.7	212	58.3						
95	45.6	196	60.6	49.5	201	59.0	58.8	209	54.5						
100	41.9	191	56.9	46.1	196	55.3	55.8	206	51.1						
105	38.0	184	53.5	42.4	191	52.0	52.6	202	48.1						
110	33.6	177	50.5	38.5	185	49.1	49.4	198	45.3						
115	28.6	168	47.7	34.2	178	46.4	45.9	193	42.8						
116										57.0	201	38.2			
120	22.6	157	45.2	29.3	169	43.9	42.3	188	40.6	54.4	198	36.5			
125				23.4	159	41.7	38.3	182	38.5	51.2	194	34.6			
130				17.7	148	33.0	34.0	174	36.6	48.6	190	32.9			
135							29.1	166	34.9	45.2	185	31.3			
140							23.2	155	33.2	41.4	180	29.9			
145										37.4	174	28.5			
150										33.0	166	27.2			
155										27.9	157	26.0			
160										21.7	146	24.9			
175													37.0	151	17.0
180													33.7	146	16.5
185													28.8	137	15.8
190													22.8	126	15.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	89.3									
55	71.4	233	88.1	74.1	234	89.3									
60	68.9	231	86.3	71.7	233	88.9									
65	66.4	229	83.9	69.2	231	86.6									
70	63.9	226	81.9	66.7	229	84.5									
75	61.2	224	80.3	64.2	226	79.0									
80	58.6	221	74.9	61.6	224	72.9									
84							67.0	226	63.1						
85	55.8	217	69.5	58.9	221	67.5	66.7	226	62.4						
90	52.9	214	64.7	56.2	217	62.9	64.1	223	58.1						
95	50.0	209	60.5	53.3	214	58.8	61.5	221	54.3						
100	46.8	205	56.7	50.3	209	55.1	58.8	218	50.9						
105	43.5	200	53.3	47.2	205	51.8	56.1	214	47.8						
110	40.0	194	50.3	44.0	200	48.9	53.2	211	45.1						
115	36.2	187	47.6	40.5	194	46.2	50.2	206	42.6						
120	32.0	180	45.1	36.7	188	43.8	47.1	202	40.4						
121										57.0	209	35.8			
125	27.2	171	42.8	32.6	180	41.6	43.9	197	38.3	54.8	206	34.3			
130	21.4	159	40.6	27.9	171	39.5	40.4	191	36.4	52.6	203	32.7			
135				22.2	160	37.6	36.6	185	34.7	49.6	199	31.1			
140							32.4	177	33.1	46.4	194	29.6			
145							28.9	170	31.6	43.1	189	28.3			
150							23.5	160	30.2	39.6	183	27.0			
155										35.7	177	25.8			
160										31.4	169	24.7			
165										26.5	159	23.7			
170										20.5	147	22.7			
183													37.0	157	15.7
185													36.3	156	15.6
190													32.2	149	14.9
195													27.4	139	14.3
200													21.6	128	13.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	76.3	73.1	243	77.8									
65	68.2	240	74.7	70.8	241	76.8									
70	65.9	237	72.8	68.5	239	75.1									
75	63.5	235	71.2	66.2	237	73.3									
80	61.1	232	69.9	63.8	235	71.6									
85	58.6	229	68.1	61.4	232	67.2									
88							67.0	235	59.2						
90	56.1	226	64.1	59.0	229	62.6	66.1	234	57.7						
95	53.4	222	60.2	56.4	226	58.5	63.8	232	53.9						
100	50.7	218	56.5	53.8	222	54.8	61.3	229	50.5						
105	47.9	214	53.1	51.1	218	51.6	58.9	226	47.5						
110	44.9	209	50.1	48.2	214	48.6	56.3	223	44.7						
115	41.7	203	47.3	45.3	209	46.0	53.7	219	42.3						
120	38.3	197	44.8	42.1	203	43.5	51.0	215	40.0						
125	34.7	190	42.6	38.8	197	41.3	48.1	211	38.0						
126										57.0	217	33.4			
130	30.6	182	40.5	35.2	191	39.3	45.2	206	36.1	55.7	216	32.3			
135	26.0	172	38.5	31.2	183	37.4	42.0	200	34.4	53.1	212	30.7			
140	20.4	160	36.7	26.6	173	35.6	39.5	196	32.8	50.3	208	29.3			
145				21.2	161	34.0	35.9	189	31.3	47.5	203	27.9			
150							32.0	181	29.9	44.5	198	26.7			
155							27.6	172	28.6	41.3	193	25.5			
160							22.3	161	27.4	37.9	186	24.4			
165										34.2	179	23.4			
170										30.1	171	22.4			
175										25.3	161	21.5			
180										19.5	148	20.6			
191													37.0	163	14.3
195													34.8	159	13.9
200													30.8	151	13.4
205													26.1	141	12.8
210													20.6	129	12.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	68.3									
70	67.7	248	64.4	70.1	250	67.0									
75	65.5	246	62.9	67.9	248	65.8									
80	63.3	243	61.7	65.8	246	63.3									
85	61.0	241	60.6	63.6	243	62.0									
90	58.7	238	59.2	61.3	240	61.0									
92							67.0	244	55.7						
95	56.3	234	57.9	59.0	237	58.2	65.7	243	53.5						
100	53.9	231	56.2	56.6	234	54.5	63.5	240	50.1						
105	51.3	227	52.8	54.2	231	51.3	61.2	237	47.1						
110	48.7	222	49.8	51.7	227	48.3	58.9	235	44.4						
115	46.0	218	47.1	49.1	223	45.7	56.5	231	41.9						
120	43.1	212	44.6	46.3	218	43.2	54.1	228	39.7						
125	40.1	207	42.3	43.5	213	41.0	51.6	224	37.6						
130	36.8	200	40.2	40.5	207	39.0	49.0	219	35.8						
132										57.0	225	30.9			
135	33.3	193	38.3	37.2	201	37.1	46.2	215	34.0	56.0	224	30.3			
140	29.4	184	36.5	33.8	193	35.4	44.1	211	32.5	53.6	220	28.8			
145	24.9	174	34.9	29.9	185	33.8	41.1	205	31.0	51.0	216	27.5			
150	19.4	161	33.3	26.6	178	27.9	37.9	199	29.6	48.4	212	26.3			
155				21.5	166	27.0	34.5	192	28.3	45.6	207	25.1			
160							30.7	184	27.1	42.7	202	24.0			
165							26.4	174	26.0	39.7	196	23.0			
170							21.4	163	24.9	36.4	189	22.0			
175										32.8	182	21.1			
180										28.8	173	20.3			
185										24.3	163	19.4			
190										18.6	150	18.7			
199													37.0	169	13.0
200													36.9	169	12.9
205													33.4	162	12.4
210													29.5	153	11.9
215													25.0	143	11.4
220													19.6	130	10.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	56.3	69.4	258	57.4									
80	65.1	254	55.4	67.4	256	56.8									
85	63.0	252	54.7	65.4	254	55.8									
90	60.9	249	54.0	63.3	252	55.0									
95	58.7	246	53.0	61.2	249	54.4									
96							67.0	253	52.6						
100	56.5	243	52.1	59.0	246	53.4	65.3	251	49.9						
105	54.2	239	51.4	56.8	243	51.0	63.2	249	46.8						
110	51.9	235	49.6	54.5	239	48.1	61.1	246	44.1						
115	49.5	231	46.9	52.2	235	45.4	58.9	243	41.7						
120	46.9	227	44.4	49.8	231	43.0	56.7	240	39.4						
125	44.3	222	42.1	47.3	227	40.8	54.5	236	37.4						
130	41.5	216	40.0	44.6	222	38.8	52.1	232	35.5						
135	38.6	210	38.1	41.9	216	36.9	49.7	228	33.8						
137										57.0	234	29.0			
140	35.4	203	36.3	39.0	210	35.2	47.8	225	32.3	56.2	233	28.6			
145	32.0	195	34.7	35.9	203	33.6	45.2	220	30.8	53.9	229	27.2			
150	28.2	186	33.2	33.3	198	28.9	42.5	214	29.4	51.6	225	26.0			
155	25.0	179	24.1	29.7	189	27.7	39.6	209	28.1	49.1	221	24.8			
160	19.9	166	23.3	25.5	179	26.5	36.5	202	26.9	46.6	216	23.8			
165				20.6	167	25.4	33.2	195	25.8	44.0	211	22.7			
170							29.5	186	24.7	41.2	205	21.8			
175							25.4	176	23.7	38.2	199	20.9			
180							20.5	164	22.8	35.0	192	20.0			
185										31.6	184	19.2			
190										27.7	175	18.5			
195										23.3	165	17.7			
200										17.8	151	17.0			
207													37.0	175	11.9
210													35.6	172	11.6
215													32.2	164	11.1
220													28.4	155	10.7
225													24.0	145	10.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	50.7									
85	64.8	263	49.4	66.9	265	50.3									
90	62.8	260	49.0	65.0	263	49.8									
95	60.8	258	48.6	63.1	260	49.4									
100							67.0	262	48.0						
100	58.8	255	47.9	61.1	257	49.0	66.9	262	48.0						
105	56.7	251	47.4	59.0	254	48.3	65.0	260	46.5						
110	54.6	248	46.9	57.0	251	47.7	63.0	257	43.7						
115	52.4	244	46.4	54.8	248	45.1	61.0	254	41.3						
120	50.1	240	44.1	52.7	244	42.7	59.0	251	39.1						
125	47.8	235	41.8	50.4	240	40.5	56.9	248	37.0						
130	45.3	231	39.8	48.1	235	38.5	54.8	245	35.1						
135	42.8	225	37.8	45.6	231	36.6	52.6	241	33.4						
140	40.1	219	36.1	43.1	225	34.9	50.9	238	31.9						
143										57.0	242	27.2			
145	37.3	213	34.4	40.5	220	33.3	48.5	234	30.4	56.4	241	26.8			
150	34.9	208	24.9	38.3	215	30.0	46.1	229	29.1	54.3	237	25.6			
155	31.7	200	24.2	35.3	208	29.4	43.6	224	27.8	52.1	234	24.4			
160	28.1	191	23.4	32.1	200	28.0	41.0	218	26.6	49.8	229	23.4			
165	24.0	180	22.6	28.6	192	26.7	38.2	212	25.5	47.5	225	22.4			
170	19.1	167	21.8	24.6	181	25.3	35.2	205	24.4	45.0	220	21.4			
175				19.8	168	23.9	32.0	197	23.4	42.5	215	20.5			
180							28.5	188	22.5	39.8	209	19.7			
185							24.4	178	21.6	36.9	202	18.9			
190							19.6	165	20.7	33.8	195	18.1			
195										30.5	187	17.4			
200										26.7	177	16.7			
205										22.4	166	16.1			
214													37.0	181	10.7
215													37.0	181	10.7
220													34.3	175	10.3
225													31.0	167	9.8
230													27.3	157	9.4
235													23.1	146	9.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	43.3									
95	62.6	269	42.1	64.7	271	42.9									
100	60.7	266	41.6	62.9	269	42.5									
104							67.0	271	41.7						
105	58.8	263	41.1	61.0	266	42.1	66.5	271	41.7						
110	56.9	260	40.5	59.1	263	41.4	64.7	268	41.6						
115	54.9	256	40.0	57.1	260	40.9	62.8	266	40.9						
120	52.8	253	39.6	55.1	256	40.4	60.9	263	38.7						
125	50.7	249	39.3	53.1	253	39.9	59.0	260	36.6						
130	48.5	244	38.5	51.0	249	38.2	57.0	257	34.8						
135	46.2	239	37.6	48.8	244	36.3	55.0	253	33.1						
140	43.9	234	35.8	46.5	240	34.6	53.5	250	31.6						
145	41.4	229	34.2	44.7	236	30.6	51.4	246	30.1						
148										57.0	250	25.4			
150	39.4	224	26.3	42.3	230	29.9	49.2	242	28.7	56.6	250	25.2			
155	36.7	218	25.2	39.8	224	29.2	47.0	238	27.4	54.6	246	24.0			
160	33.8	210	24.1	37.1	218	28.6	44.6	233	26.3	52.5	242	23.0			
165	30.6	202	23.0	34.2	211	27.5	42.2	227	25.1	50.4	238	22.0			
170	27.2	193	21.8	31.1	203	26.0	39.7	221	24.1	48.2	234	21.0			
175	23.2	182	20.7	27.6	194	24.6	37.0	215	23.1	45.9	229	20.1			
180	18.4	168	19.6	23.7	183	23.1	34.1	208	22.2	43.6	224	19.3			
185				19.1	170	21.6	31.0	200	21.3	41.1	218	18.5			
190							27.5	190	20.4	38.5	212	17.8			
195							23.6	180	19.6	35.7	205	17.0			
200							18.9	166	18.9	32.7	198	16.4			
205										29.4	189	15.7			
210										25.8	179	15.1			
215										21.6	167	14.5			
222													37.0	187	9.6
225													36.1	185	9.4
230													33.2	177	9.0
235													30.0	169	8.6
240													26.4	159	8.2
245													22.3	148	7.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	37.2									
105	60.7	275	36.0	62.7	277	36.9									
107							67.0	280	36.5						
110	58.9	272	35.4	60.9	274	36.4	66.1	279	36.5						
115	57.0	268	34.9	59.1	271	35.8	64.4	277	36.5						
120	55.1	265	34.5	57.2	268	35.3	62.6	274	36.2						
125	53.2	261	34.1	55.4	265	34.8	60.8	271	35.7						
130	51.2	257	33.8	53.4	261	34.4	59.0	268	34.5						
135	49.1	253	33.3	51.4	257	34.0	57.6	266	32.7						
140	47.5	249	29.0	49.4	253	33.7	55.7	263	31.3						
145	45.3	245	27.9	47.8	249	29.9	53.8	259	29.8						
150	43.1	239	27.0	45.6	245	29.3	51.8	255	28.5						
153										57.0	258	23.9			
155	40.7	234	26.0	43.4	239	28.8	49.8	251	27.2	56.8	258	23.7			
160	38.2	227	25.2	41.0	234	28.2	47.7	246	26.0	54.9	255	22.7			
165	35.6	221	24.4	38.5	228	27.5	45.5	242	24.9	52.9	251	21.7			
170	32.7	213	23.1	35.9	221	26.4	43.3	236	23.8	50.9	247	20.7			
175	29.7	205	21.8	33.1	213	25.3	40.9	231	22.9	48.9	242	19.9			
180	26.3	195	20.4	30.1	205	24.3	38.4	225	21.9	46.7	238	19.0			
185	22.4	183	19.1	26.7	196	22.8	35.8	218	21.0	44.5	233	18.2			
190	17.7	169	17.7	22.9	184	21.2	33.0	210	20.2	42.2	227	17.5			
195				18.4	171	19.6	30.0	202	19.4	39.8	222	16.8			
200							26.6	192	18.7	37.3	215	16.1			
205							22.8	181	17.9	34.6	208	15.5			
210										31.7	200	14.9			
215										28.5	191	14.3			
220										24.9	181	13.7			
225										20.8	169	13.2			
230													37.0	193	8.6
235													35.0	188	8.3
240													32.2	180	8.0
245													29.0	171	7.6
250													25.5	161	7.3
255													21.5	149	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	29.1						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	29.1						
120	57.5	278	27.7	59.5	281	28.3	64.5	286	29.1						
125	55.8	274	27.3	57.8	277	27.9	62.9	283	28.8						
130	53.9	271	26.9	56.0	274	27.5	61.2	281	28.6						
135	52.1	267	26.6	54.2	271	27.2	59.5	278	28.4						
140	50.1	263	26.3	52.3	267	26.9	57.7	274	28.1						
145	48.2	258	25.6	50.4	263	26.6	55.9	271	27.7						
150	46.1	253	25.0	48.4	258	26.1	54.1	268	27.3						
155	44.0	248	24.4	46.4	254	25.8	52.2	264	26.8						
159										57.0	267	22.3			
160	41.8	243	23.9	44.3	249	25.4	50.3	260	25.6	56.9	267	22.3			
165	39.5	237	23.3	42.1	243	25.0	48.4	255	24.5	55.1	263	21.3			
170	37.1	230	22.9	39.8	237	24.7	46.3	251	23.5	53.3	259	20.3			
175	34.5	223	22.3	37.4	231	24.4	44.2	245	22.5	51.4	255	19.5			
180	31.8	216	21.0	34.9	224	23.9	42.0	240	21.6	49.4	251	18.6			
185	28.8	207	19.8	32.1	216	22.8	39.7	234	20.7	47.4	247	17.8			
190	25.5	197	18.5	29.2	207	21.7	37.3	228	19.9	45.4	242	17.1			
195	21.7	185	17.2	25.9	198	20.6	34.8	221	19.1	43.2	237	16.4			
200	17.0	170	15.9	22.2	186	19.5	32.0	213	18.4	41.0	231	15.7			
205				17.7	172	18.4	29.1	204	17.6	38.7	225	15.1			
210							25.8	194	17.0	36.2	218	14.5			
215							22.0	183	16.3	33.6	211	13.9			
220										30.7	203	13.4			
225										27.6	193	12.8			
230										24.2	183	12.3			
235										20.1	170	11.8			
238													37.0	199	7.6
240													36.6	198	7.6
245													34.0	190	7.2
250													31.2	182	6.9
255													28.1	173	6.5
260													24.7	163	6.2
265													20.8	151	5.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
115							67.0	298	25.2						
120	59.3	289	24.4	61.1	292	25.1	65.8	297	25.2						
125	57.6	286	24.1	59.5	289	24.7	64.3	294	25.2						
130	55.9	283	23.8	57.9	286	24.4	62.7	292	24.8						
135	54.2	279	23.5	56.2	283	24.1	61.1	289	24.6						
140	52.4	275	23.2	54.4	279	23.8	59.5	286	24.5						
145	50.6	271	23.0	52.7	275	23.5	57.8	283	24.3						
150	48.8	267	22.7	50.9	271	23.3	56.1	280	23.9						
155	46.8	262	22.4	49.0	267	23.0	54.4	276	23.7						
160	44.9	257	22.1	47.1	262	22.8	52.6	272	23.4						
164										57.0	275	21.0			
165	42.8	252	21.9	45.1	257	22.6	50.8	268	23.2	57.0	275	20.9			
170	40.7	246	21.6	43.1	252	22.3	48.9	264	23.0	55.3	272	19.9			
175	38.4	240	21.4	40.9	247	22.1	47.0	259	22.2	53.6	268	19.1			
180	36.1	233	21.2	38.7	240	21.9	45.1	254	21.2	51.8	264	18.2			
185	33.6	226	20.5	36.4	234	21.8	43.0	249	20.4	50.0	260	17.5			
190	30.9	218	19.3	33.9	227	21.2	40.9	243	19.6	48.1	255	16.7			
195	27.9	209	18.1	31.2	218	20.5	38.6	237	18.8	46.1	251	16.0			
200	24.7	198	16.9	28.3	210	19.7	36.3	231	18.0	44.1	246	15.4			
205	21.0	186	15.7	25.1	199	19.0	33.8	223	17.3	42.0	240	14.7			
210				21.5	187	18.2	31.1	215	16.7	39.9	234	14.1			
215				17.1	173	17.5	28.2	206	16.0	37.6	228	13.6			
220							25.0	196	15.4	35.2	221	13.0			
225							21.4	184	14.8	32.6	213	12.5			
230										29.9	205	12.0			
235										26.8	195	11.5			
240										23.4	184	11.0			
245										19.5	171	10.6			
246													37.0	205	6.7
250													35.6	201	6.5
255													33.0	193	6.1
260													30.3	185	5.8
265													27.3	175	5.5
270													24.0	165	5.2
275													20.2	152	4.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>66 ft luffing jib</b> <b>114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	158.8												
39				75.0	187	158.8									
40	68.4	185	158.8	74.1	187	158.8									
45	63.5	183	158.8	69.5	185	154.5									
50	58.4	180	137.9	64.7	183	134.2									
55	53.0	176	121.7	59.6	180	118.5									
60	47.2	172	108.8	54.3	177	105.9									
64							67.0	181	90.7						
65	40.7	166	98.3	48.6	172	95.7	65.8	180	88.6						
70	33.0	159	89.5	42.2	167	87.1	60.8	178	80.7						
75	23.2	149	82.0	34.9	160	79.9	55.6	174	74.0						
80				25.8	151	73.6	50.0	170	68.3						
85							43.8	165	63.3						
90							36.8	159	59.0						
93										57.0	168	51.0			
95										54.9	167	49.7			
100										49.2	163	46.6			
105										42.9	158	43.9			
110										35.8	151	41.3			
115										26.9	142	39.0			
143													37.0	129	23.3
145													35.4	127	23.1
150													26.4	118	22.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	158.8												
40	71.3	196	158.7												
42				75.0	197	158.8									
45	67.2	194	156.9	72.3	196	154.2									
50	63.0	192	137.8	68.2	194	133.9									
55	58.6	189	121.6	64.0	192	118.2									
60	53.9	185	108.7	59.6	189	105.7									
65	49.0	181	98.2	55.0	185	95.5									
68							67.0	190	83.9						
70	43.5	176	89.4	50.1	181	87.0	65.0	189	80.3						
75	37.5	169	82.0	44.8	176	79.8	60.7	186	73.7						
80	30.4	162	75.6	39.0	170	73.6	56.1	183	68.0						
85	21.1	150	70.1	32.2	163	68.2	51.3	179	63.0						
90				23.6	153	63.5	46.1	174	58.7						
95							40.4	169	54.9						
98										57.0	177	47.2			
100							33.9	162	51.5	55.5	175	46.2			
105							25.8	152	48.4	50.7	171	43.5			
110										45.4	167	41.0			
115										39.6	161	38.8			
120										32.9	154	36.7			
125										24.6	144	34.8			
151													37.0	135	21.3
155													32.6	130	20.6
160													24.1	120	19.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	141.8												
44				75.0	206	141.5									
45	70.0	205	139.8	74.4	206	141.5									
50	66.4	203	136.5	70.8	205	133.6									
55	62.6	200	121.4	67.2	202	117.9									
60	58.7	197	108.5	63.5	200	105.4									
65	54.6	194	98.0	59.6	197	95.2									
70	50.3	189	89.3	55.6	194	86.7									
72							67.0	199	77.9						
75	45.6	185	81.9	51.3	190	79.6	64.4	197	73.3						
80	40.6	179	75.6	46.7	185	73.4	60.5	195	67.6						
85	34.9	172	70.1	41.8	180	68.1	56.5	191	62.7						
90	28.2	164	62.6	36.3	173	63.4	52.3	188	58.4						
95	19.4	152	59.6	29.9	165	59.2	47.8	183	54.6						
100				21.8	154	55.5	43.0	178	51.2						
104										57.0	185	43.7			
105										56.0	184	43.1			
110							37.7	172	48.2	51.8	180	40.6			
115							31.5	164	45.4	47.2	176	38.4			
120							23.9	154	42.9	42.3	170	36.4			
125										36.9	164	34.5			
130										32.2	158	32.8			
135										24.8	148	31.2			
159													37.0	141	19.4
160													36.6	140	19.3
165													30.3	132	18.5
170													22.3	121	17.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>95 ft luffing jib</b> <b>114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	125.3												
47				75.0	216	125.7									
50	69.0	213	123.4	72.9	215	125.6									
55	65.7	211	119.4	69.7	213	117.8									
60	62.3	208	108.4	66.4	211	105.3									
65	58.8	205	97.9	63.1	208	95.1									
70	55.1	202	89.2	59.6	206	86.6									
75	51.3	198	81.8	56.0	202	79.4									
75							67.0	208	72.7						
80	47.2	194	75.5	52.2	199	73.3	63.9	206	67.4						
85	42.9	188	70.0	48.2	194	68.0	60.4	203	62.5						
90	38.1	182	65.2	43.9	189	63.3	56.8	200	58.2						
95	32.8	175	60.9	39.3	183	59.2	53.1	196	54.4						
100	26.4	166	57.1	34.1	176	55.5	49.2	192	51.0						
105				28.0	167	52.2	45.0	187	48.0						
109										57.0	193	40.8			
110				20.2	156	49.2	40.4	182	45.3	56.4	192	40.4			
115							35.4	175	42.8	52.6	189	38.2			
120							29.5	167	40.5	48.6	184	36.2			
125							22.3	156	38.4	44.4	179	34.3			
130										40.9	175	32.7			
135										35.9	169	31.1			
140										30.2	160	29.6			
145										23.1	150	28.3			
166													37.0	146	17.9
170													34.4	143	17.5
175													28.4	134	16.7
180													20.7	123	16.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.9												
49				75.0	226	110.4									
50	71.0	224	109.4	74.6	225	110.4									
55	68.1	222	107.0	71.7	224	110.2									
60	65.1	220	103.1	68.8	222	105.0									
65	62.0	217	97.7	65.8	220	94.8									
70	58.8	214	89.0	62.7	217	86.3									
75	55.5	211	81.6	59.6	214	79.1									
79							67.0	217	67.9						
80	52.1	207	75.3	56.3	211	73.0	66.5	217	67.0						
85	48.5	202	69.8	52.9	207	67.7	63.5	214	62.1						
90	44.7	198	64.3	49.4	203	63.0	60.3	212	57.8						
95	40.5	192	60.8	45.6	198	58.9	57.1	208	54.0						
100	36.0	185	57.0	41.5	193	55.3	53.7	205	50.7						
105	30.9	177	53.6	37.1	186	52.0	50.2	201	47.7						
110	24.8	167	50.6	32.2	179	49.1	46.5	196	45.0						
115										57.0	201	38.0			
115				26.4	169	46.4	42.5	191	42.5	56.7	201	37.7			
120				18.9	157	43.9	38.2	185	40.3	53.3	197	35.7			
125							33.4	177	38.2	49.7	193	33.9			
130							27.8	169	36.3	46.9	190	32.3			
135							20.9	157	34.5	42.9	184	30.7			
140										38.7	178	29.3			
145										33.9	171	28.0			
150										28.4	163	26.7			
155										21.7	151	25.5			
174													37.0	152	16.4
175													37.0	152	16.3
180													32.5	145	15.7
185													26.7	136	15.0
190													19.4	124	14.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	98.7												
52				75.0	235	98.8									
55	70.1	232	97.2	73.3	234	98.7									
60	67.4	230	93.9	70.7	232	97.8									
65	64.6	228	91.1	68.0	230	94.5									
70	61.8	225	88.7	65.3	228	86.0									
75	58.9	222	81.3	62.5	225	78.8									
80	55.9	219	75.0	59.6	223	72.7									
83							67.0	226	63.6						
85	52.8	215	69.6	56.6	219	67.4	65.9	225	61.7						
90	49.5	211	64.8	53.5	216	62.8	63.1	223	57.4						
95	46.1	206	60.5	50.3	212	58.7	60.3	220	53.7						
100	42.5	201	56.8	46.9	207	55.0	57.3	217	50.3						
105	38.5	195	53.4	43.3	202	51.8	54.2	213	47.3						
110	34.2	188	50.4	39.5	196	48.8	51.1	209	44.6						
115	29.3	180	47.6	35.2	189	46.2	47.7	205	42.2						
120										57.0	210	35.4			
120	23.5	169	45.1	30.5	181	43.7	44.2	200	40.0	56.9	209	35.3			
125				24.9	171	41.5	40.4	194	37.9	53.8	206	33.5			
130				17.7	158	39.4	36.3	188	36.0	51.4	203	31.9			
135							31.7	180	34.3	48.1	198	30.3			
140							27.7	173	32.8	44.6	193	28.9			
145							21.4	161	31.2	40.8	188	27.6			
150										36.7	181	26.4			
155										32.2	174	25.2			
160										26.9	165	24.1			
165										20.5	153	23.1			
182													37.0	158	14.8
185													35.5	156	14.6
190													30.8	148	14.0
195													25.3	138	13.4
200													18.2	125	12.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	86.6									
55	71.7	243	86.0	74.7	244	86.6									
60	69.3	241	84.7	72.3	243	86.5									
65	66.8	239	82.5	69.8	241	85.1									
70	64.2	237	80.5	67.3	239	83.4									
75	61.6	234	79.1	64.8	237	78.6									
80	58.9	231	74.8	62.2	234	72.5									
85	56.2	228	69.4	59.6	231	67.2									
87							67.0	235	59.8						
90	53.3	224	64.6	56.8	228	62.6	65.4	234	57.2						
95	50.4	220	60.4	54.0	224	58.5	62.8	231	53.4						
100	47.3	215	56.6	51.1	220	54.8	60.2	229	50.1						
105	44.0	210	53.3	48.0	216	51.6	57.5	225	47.1						
110	40.5	205	50.2	44.8	211	48.6	54.7	222	44.4						
115	36.8	198	47.5	41.3	205	46.0	51.8	218	42.0						
120	32.6	191	45.0	37.7	199	43.6	48.7	214	39.7						
125	27.9	182	42.7	33.6	192	41.4	45.5	209	37.7						
125										57.0	218	33.1			
130	22.3	171	40.6	29.1	183	39.3	42.2	204	35.8	55.0	215	31.6			
135				23.7	173	37.4	38.5	198	34.1	52.1	211	30.1			
140				18.6	162	30.3	35.6	192	32.6	49.1	207	28.7			
145							31.3	184	31.1	45.9	202	27.4			
150							26.3	175	29.7	42.5	197	26.1			
155							20.3	163	28.4	38.9	191	25.0			
160										35.0	184	23.9			
165										30.7	176	22.9			
170										25.6	166	21.9			
175										19.4	154	21.0			
190													37.0	164	13.6
195													33.9	159	13.2
200													29.3	150	12.6
205													24.0	140	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.8	73.6	253	76.7									
65	68.6	250	74.4	71.4	251	76.3									
70	66.2	247	72.6	69.1	250	74.8									
75	63.9	245	71.0	66.8	247	73.2									
80	61.5	242	69.9	64.4	245	71.6									
85	59.0	239	68.1	62.0	242	66.9									
90	56.4	236	63.4	59.6	240	62.3									
91							67.0	244	56.2						
95	53.8	233	60.1	57.0	236	58.2	65.0	242	53.0						
100	51.1	229	56.4	54.4	233	54.5	62.6	240	49.7						
105	48.3	224	53.0	51.7	229	51.3	60.1	237	46.7						
110	45.3	219	50.0	48.9	225	48.4	57.6	234	44.0						
115	42.1	214	47.3	46.0	220	45.7	55.0	231	41.6						
120	38.8	208	44.8	42.9	215	43.3	52.4	227	39.4						
125	35.2	201	42.5	39.6	209	41.1	49.6	223	37.4						
130	31.2	193	40.4	36.1	202	39.1	46.7	218	35.5						
131										57.0	226	30.7			
135	26.7	184	38.5	32.2	194	37.2	43.6	213	33.8	55.3	224	29.7			
140	21.2	172	36.7	27.8	185	35.5	41.2	208	32.3	52.6	220	28.3			
145				22.6	174	33.8	37.7	202	30.8	49.9	216	27.0			
150				17.6	163	27.4	34.0	195	29.4	47.0	211	25.7			
155							29.9	187	28.1	44.0	206	24.6			
160							25.1	177	26.9	40.7	201	23.5			
165							19.3	164	25.8	37.3	194	22.5			
170										33.5	187	21.6			
175										29.3	178	20.7			
180										24.5	168	19.9			
185										18.4	155	19.0			
198													37.0	170	12.3
200													36.3	169	12.2
205													32.4	161	11.7
210													28.0	152	11.2
215													22.9	141	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	66.9									
70	68.0	258	63.1	70.6	260	65.9									
75	65.8	256	61.7	68.5	258	63.1									
80	63.6	254	60.5	66.3	256	61.7									
85	61.3	251	59.6	64.1	254	60.5									
90	59.0	248	58.2	61.8	251	59.5									
95							67.0	254	52.9						
95	56.6	245	57.0	59.5	248	57.9	66.8	253	52.6						
100	54.2	241	55.9	57.2	245	54.2	64.6	251	49.3						
105	51.7	237	52.7	54.8	241	51.0	62.4	248	46.3						
110	49.1	233	49.7	52.3	238	48.1	60.1	246	43.6						
115	46.4	228	47.0	49.7	233	45.4	57.8	242	41.2						
120	43.5	223	44.5	47.0	229	43.0	55.4	239	39.0						
125	40.5	217	42.3	44.2	224	40.8	52.9	235	37.0						
130	37.3	211	40.2	41.2	218	38.8	50.3	231	35.1						
135	33.8	204	38.2	38.0	212	36.9	47.6	227	33.4						
136										57.0	234	28.6			
140	29.9	195	36.5	34.6	205	35.2	45.5	223	31.9	55.6	232	27.8			
145	25.5	186	34.8	30.9	197	33.6	42.6	218	30.5	53.1	229	26.5			
150	20.3	173	33.2	27.7	190	25.9	39.5	212	29.1	50.6	225	25.3			
155				22.9	179	25.1	36.3	205	27.8	47.9	220	24.2			
160				16.7	164	24.3	32.7	198	26.6	45.2	215	23.1			
165							28.7	189	25.5	42.2	210	22.2			
170							24.1	178	24.5	39.1	204	21.2			
175							18.4	165	23.5	35.8	197	20.3			
180										32.2	190	19.5			
185										28.1	181	18.7			
190										23.4	170	18.0			
206													37.0	176	11.1
210													34.8	172	10.8
215													31.1	164	10.3
220													26.9	154	9.9
225													21.9	143	9.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.9	69.9	269	56.8									
80	65.4	265	55.0	67.9	267	56.2									
85	63.3	262	54.2	65.9	264	55.3									
90	61.2	259	53.5	63.8	262	54.4									
95	59.0	256	52.5	61.7	259	53.8									
98							67.0	263	50.1						
100	56.8	253	51.6	59.5	256	52.9	66.3	262	49.0						
105	54.6	250	50.8	57.3	253	50.8	64.3	260	46.0						
110	52.2	246	49.5	55.1	250	47.8	62.2	257	43.4						
115	49.8	242	46.8	52.8	246	45.2	60.1	254	40.9						
120	47.3	237	44.3	50.4	242	42.8	57.9	251	38.7						
125	44.7	232	42.0	47.9	238	40.6	55.6	248	36.7						
130	41.9	227	40.0	45.3	233	38.6	53.3	244	34.9						
135	39.0	221	38.1	42.6	227	36.7	50.9	240	33.2						
140	35.9	214	36.3	39.7	221	35.0	49.1	237	31.7						
141										57.0	243	26.9			
145	32.5	206	34.6	36.6	215	33.4	46.5	232	30.2	55.9	241	26.3			
150	28.8	198	33.1	34.1	209	26.1	43.9	227	28.9	53.6	237	25.1			
155	25.6	190	22.0	30.6	201	25.3	41.1	221	27.6	51.2	233	23.9			
160	20.7	178	21.4	26.6	192	24.4	38.1	215	26.4	48.7	229	22.9			
165				21.9	180	23.5	34.9	208	25.3	46.2	224	21.9			
170				15.9	165	22.6	31.4	200	24.3	43.5	219	21.0			
175							27.6	191	23.3	40.7	213	20.1			
180							23.1	180	22.3	37.7	207	19.3			
185										34.5	200	18.5			
190										31.0	192	17.7			
195										27.0	183	17.0			
200										22.4	171	16.4			
214													37.0	182	10.1
215													36.8	182	10.0
220													33.5	174	9.6
225													29.9	166	9.2
230													25.8	156	8.8
235													21.0	144	8.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	49.7									
85	65.0	273	48.4	67.4	275	49.4									
90	63.1	271	47.9	65.5	273	48.9									
95	61.1	268	47.5	63.5	271	48.5									
100	59.1	265	46.8	61.6	268	48.2									
102							67.0	272	47.1						
105	57.0	262	46.1	59.5	265	47.5	65.9	270	45.7						
110	54.9	258	45.6	57.5	262	46.9	64.0	268	43.0						
115	52.7	254	45.1	55.4	258	44.9	62.0	265	40.6						
120	50.4	250	44.0	53.2	255	42.5	60.0	263	38.4						
125	48.1	246	41.8	50.9	251	40.3	58.0	259	36.4						
130	45.7	241	39.7	48.6	246	38.3	55.9	256	34.5						
135	43.1	236	37.8	46.2	242	36.4	54.2	253	32.9						
140	40.5	230	36.0	43.7	236	34.7	52.0	249	31.3						
145	37.7	224	34.4	41.1	231	33.1	49.7	245	29.9						
147										57.0	251	25.1			
150	35.4	218	22.3	39.0	226	26.7	47.4	241	28.5	56.1	249	24.6			
155	32.2	211	21.6	36.1	219	25.7	44.9	236	27.3	53.9	246	23.5			
160	28.6	202	21.0	32.9	212	24.8	42.4	230	26.1	51.7	242	22.5			
165	24.6	192	20.3	29.5	204	23.9	39.6	225	25.0	49.4	238	21.5			
170	19.9	179	19.7	25.6	194	22.9	36.8	218	23.9	47.1	233	20.6			
175				21.1	182	22.0	33.7	211	23.0	44.6	228	19.7			
180							30.3	202	22.0	42.0	223	18.9			
185							26.6	193	21.2	39.3	217	18.1			
190							22.2	182	20.3	36.4	210	17.4			
195										33.3	203	16.7			
200										29.9	194	16.0			
205										26.0	185	15.4			
210										21.6	173	14.8			
221													37.0	188	9.0
225													35.5	185	8.8
230													32.3	177	8.4
235													28.8	168	8.0
240													24.9	158	7.6
245													20.2	145	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	43.3									
95	62.9	279	42.0	65.2	282	42.8									
100	61.0	276	41.5	63.3	279	42.4									
105	59.1	273	40.9	61.4	276	42.1									
106							67.0	281	41.5						
110	57.1	270	40.3	59.5	273	41.5	65.6	279	41.5						
115	55.1	267	39.8	57.6	270	40.9	63.7	277	40.2						
120	53.1	263	39.4	55.6	267	40.4	61.9	274	38.0						
125	51.0	259	39.0	53.6	263	40.0	60.0	271	36.0						
130	48.8	255	38.4	51.5	259	38.0	58.0	268	34.1						
135	46.5	250	37.5	49.3	255	36.1	56.5	265	32.5						
140	44.2	245	35.7	47.1	250	34.4	54.5	262	31.0						
145	41.7	239	34.1	45.3	247	29.5	52.5	258	29.5						
150	39.8	235	24.3	42.9	241	28.4	50.3	254	28.2						
152										57.0	259	23.5			
155	37.1	228	23.2	40.4	236	27.3	48.1	250	26.9	56.3	258	23.1			
160	34.2	221	22.1	37.7	229	26.4	45.8	245	25.7	54.3	254	22.1			
165	31.1	213	21.2	34.9	222	25.5	43.5	240	24.6	52.2	250	21.1			
170	27.7	204	20.2	31.8	215	24.2	41.0	234	23.6	50.0	246	20.2			
175	23.8	193	19.3	28.5	206	22.9	38.4	228	22.6	47.8	242	19.3			
180	19.1	180	18.3	24.7	195	21.7	35.6	221	21.7	45.5	237	18.5			
185				20.3	183	20.4	32.6	213	20.9	43.1	232	17.7			
190							29.3	205	20.0	40.6	226	17.0			
195							25.6	195	19.2	38.0	220	16.3			
200							21.4	183	18.5	35.2	213	15.7			
205										32.2	205	15.0			
210										28.9	196	14.4			
215										25.1	186	13.9			
220										20.8	174	13.3			
229													37.0	194	8.0
230													37.0	194	7.9
235													34.4	187	7.6
240													31.3	179	7.2
245													27.9	170	6.9
250													24.0	160	6.6
255													19.4	147	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	36.7									
105	60.9	285	35.6	63.1	288	36.4									
110							67.0	290	35.9						
110	59.1	282	35.0	61.3	285	36.0	67.0	290	35.9						
115	57.3	279	34.6	59.5	282	35.5	65.3	287	35.9						
120	55.4	275	34.1	57.7	279	34.9	63.5	285	35.8						
125	53.4	272	33.7	55.8	275	34.5	61.8	282	35.4						
130	51.5	268	33.4	53.9	272	34.1	60.0	279	33.9						
135	49.9	264	29.1	51.9	268	33.7	58.6	277	32.3						
140	47.8	260	27.9	49.9	264	33.4	56.7	274	30.7						
145	45.6	255	26.8	48.3	260	29.3	54.8	270	29.2						
150	43.4	250	25.7	46.1	256	28.6	52.8	267	27.9						
155	41.0	244	24.7	43.9	251	27.9	50.8	263	26.7						
157										57.0	267	22.1			
160	38.6	238	23.8	41.6	245	27.3	48.8	258	25.5	56.5	266	21.8			
165	35.9	231	23.0	39.1	239	26.7	46.7	254	24.4	54.5	263	20.8			
170	33.1	224	21.9	36.6	232	26.2	44.4	249	23.4	52.6	259	19.9			
175	30.1	216	20.6	33.8	225	25.0	42.1	243	22.4	50.6	255	19.0			
180	26.8	206	19.4	30.8	217	23.4	39.7	237	21.5	48.5	251	18.2			
185	23.0	195	18.1	27.6	208	21.8	37.2	231	20.6	46.4	246	17.5			
190	18.4	181	16.8	23.9	197	20.2	34.5	224	19.8	44.1	241	16.7			
195				19.5	184	18.6	31.6	216	19.0	41.8	235	16.1			
200							28.4	207	18.3	39.4	229	15.4			
205							24.8	197	17.6	36.8	223	14.8			
210							20.6	184	16.9	34.1	216	14.2			
215										31.2	208	13.6			
220										27.9	199	13.1			
225										24.3	188	12.6			
230										20.0	175	12.1			
237													37.0	200	7.1
240													36.1	197	7.0
245													33.3	190	6.6
250													30.3	182	6.3
255													27.0	172	6.0
260													23.2	161	5.7
265													18.7	148	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	29.0						
115	59.5	291	28.2	61.6	294	29.0	67.0	299	29.0						
120	57.8	288	27.7	59.9	291	28.5	65.4	297	29.0						
125	56.0	285	27.2	58.2	288	28.0	63.7	294	29.0						
130	54.2	281	26.8	56.4	285	27.6	62.0	291	28.7						
135	52.3	277	26.5	54.6	281	27.2	60.3	289	28.4						
140	50.4	273	26.1	52.8	277	26.9	58.6	286	28.3						
145	48.4	269	25.3	50.9	273	26.6	56.8	282	27.9						
150	46.4	264	24.6	48.9	269	26.0	55.0	279	27.5						
155	44.3	259	23.9	46.9	264	25.5	53.2	275	26.3						
160	42.1	253	23.3	44.8	260	24.9	51.3	271	25.1						
163										57.0	276	20.6			
165	39.8	248	22.7	42.6	254	24.5	49.4	267	24.0	56.6	275	20.4			
170	37.4	241	22.1	40.4	248	24.0	47.4	262	23.0	54.8	271	19.5			
175	34.9	234	21.6	38.0	242	23.6	45.3	258	22.0	53.0	268	18.6			
180	32.2	226	20.4	35.5	235	23.2	43.2	252	21.1	51.1	264	17.8			
185	29.2	218	19.3	32.8	228	22.1	40.9	247	20.3	49.1	259	17.1			
190	25.9	208	18.1	29.9	219	21.0	38.6	241	19.5	47.1	255	16.3			
195	22.2	196	17.0	26.7	210	20.0	36.1	234	18.7	45.0	250	15.7			
200	17.7	182	15.8	23.1	199	18.9	33.5	226	18.0	42.9	245	15.0			
205				18.9	185	17.8	30.6	218	17.3	40.6	239	14.4			
210							27.5	209	16.6	38.3	233	13.8			
215							24.0	198	16.0	35.8	226	13.3			
220							20.0	186	15.3	33.1	218	12.7			
225										30.2	210	12.2			
230										27.1	201	11.7			
235										23.5	190	11.2			
240										19.4	177	10.8			
245													37.0	206	6.1
250													35.0	200	5.9
255													32.3	193	5.6
260													29.4	184	5.3
265													26.1	174	5.0
270													22.4	163	4.7
275													18.0	149	4.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom                      203 ft luffing jib                      114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118															
120	59.5	299	24.4	61.5	302	24.9	67.0	308	24.7						
125	57.9	296	24.0	59.9	300	24.5	66.6	307	24.7						
130	56.2	293	23.7	58.3	296	24.2	65.1	305	24.7						
135	54.5	289	23.4	56.6	293	23.9	63.5	303	24.6						
140	52.7	286	23.1	54.9	290	23.6	61.9	300	24.4						
145	50.9	282	22.9	53.1	286	23.3	60.3	297	24.2						
150	49.0	277	22.5	51.3	282	23.1	58.6	294	24.1						
155	47.1	273	22.2	49.5	278	22.7	57.0	291	23.8						
160	45.1	268	21.8	47.6	273	22.3	55.3	287	23.5						
165	43.1	263	21.5	45.6	268	21.9	53.5	284	23.2						
165							51.7	280	23.0						
168										57.0	284	19.2			
170	41.0	257	21.2	43.6	263	21.5	49.9	276	22.7	56.7	283	19.1			
175	38.7	251	20.9	41.5	258	21.2	48.0	271	21.7	55.0	280	18.2			
180	36.4	244	20.6	39.3	252	20.9	46.1	266	20.8	53.3	276	17.4			
185	33.9	237	20.1	36.9	245	20.6	44.1	261	19.9	51.5	272	16.7			
190	31.3	229	19.1	34.5	238	20.2	42.0	256	19.1	49.7	268	15.9			
195	28.4	220	18.0	31.9	230	19.6	39.8	250	18.4	47.8	264	15.3			
200	25.2	210	16.9	29.1	222	19.0	37.5	244	17.6	45.8	259	14.6			
205	21.5	198	15.9	25.9	212	18.3	35.1	237	16.9	43.8	254	14.0			
210				22.4	200	17.7	32.5	229	16.3	41.7	248	13.4			
215				18.2	186	17.1	29.7	221	15.6	39.5	242	12.9			
220							26.7	211	15.0	37.2	236	12.4			
225							23.3	200	14.5	34.8	229	11.8			
230							19.3	187	13.9	32.2	221	11.4			
235										29.4	212	10.9			
240										26.3	203	10.4			
245										22.8	191	10.0			
250										18.7	178	9.6			
253													37.0	212	5.2
255													36.5	210	5.1
260													34.1	203	4.9
265													31.4	195	4.6
270													28.5	186	4.3
275													25.4	176	4.0
280													21.7	164	3.8
285													17.4	150	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft luffing jib 123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	158.8												
40	69.0	195	158.8												
40				75.0	196	158.8									
45	64.1	192	158.0	70.5	195	153.8									
50	59.1	189	137.6	65.7	192	133.6									
55	53.7	186	121.5	60.8	190	117.9									
60	47.9	181	108.6	55.5	186	105.5									
65	41.5	176	98.1	49.9	182	95.3									
66							67.0	190	85.8						
70	34.1	169	89.3	43.7	177	86.8	63.2	188	79.8						
75	24.6	159	81.8	36.6	171	79.6	58.0	185	73.2						
80				28.0	162	73.3	52.6	181	67.5						
85				18.9	153	33.0	46.7	176	62.6						
90							40.1	171	58.3						
95							32.4	163	54.5						
97										57.0	176	47.5			
100										53.5	174	45.6			
105							22.2	153	51.0	47.7	170	42.9			
110										41.2	164	40.5			
115										33.7	157	38.2			
120										24.1	147	36.1			
149													37.0	135	21.1
150													37.0	135	20.9
155													28.9	127	20.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	155.6												
40	71.8	205	153.5												
43				75.0	206	154.4									
45	67.8	203	150.9	73.1	205	153.5									
50	63.5	201	137.5	69.1	203	133.3									
55	59.1	198	121.4	64.9	201	117.7									
60	54.5	194	108.5	60.6	198	105.2									
65	49.6	190	98.0	56.0	195	95.1									
70							67.0	199	79.5						
70	44.2	185	89.3	51.2	191	86.6	66.9	199	79.4						
75	38.3	179	81.9	46.0	186	79.4	62.7	196	72.8						
80	31.4	172	75.5	40.3	181	73.3	58.2	193	67.2						
85	22.5	161	69.9	33.7	174	67.9	53.6	189	62.3						
90				25.7	164	63.2	48.6	185	58.0						
95				17.0	153	33.0	43.1	180	54.2						
100							37.0	174	50.9						
102										57.0	185	44.0			
105							29.8	166	47.8	54.3	183	42.5			
110							20.2	154	45.0	49.4	178	40.1			
115										44.0	173	37.9			
120										38.0	167	35.9			
125										31.1	160	34.0			
130										24.4	152	32.4			
157													37.0	141	19.0
160													34.4	138	18.7
165													26.5	129	17.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>85 ft luffing jib</b> <b>123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	137.5												
45	70.5	214	135.7												
45				75.0	215	137.1									
50	66.8	212	133.5	71.6	214	133.0									
55	63.1	209	121.2	68.0	212	117.4									
60	59.2	206	108.3	64.3	209	105.0									
65	55.1	203	97.8	60.5	207	94.8									
70	50.8	199	89.1	56.4	203	86.3									
74							67.0	208	73.9						
75	46.2	194	81.7	52.2	200	79.2	66.1	207	72.4						
80	41.2	189	75.4	47.8	195	73.1	62.3	205	66.8						
85	35.7	182	69.9	42.9	190	67.8	58.4	202	61.9						
90	29.1	174	63.1	37.5	184	63.1	54.3	198	57.7						
95	20.7	162	60.2	31.4	176	59.0	49.9	194	53.9						
100				23.8	166	55.3	45.3	189	50.6						
105							40.2	183	47.6						
108										57.0	193	40.8			
110							34.5	177	44.9	54.9	191	39.7			
115							27.7	168	42.4	50.6	187	37.5			
120							18.5	155	40.1	46.0	182	35.5			
125										41.0	177	33.7			
130										36.8	172	32.1			
135										30.5	164	30.5			
140										22.6	153	29.0			
165													37.0	147	17.5
165													37.0	147	17.3
170													32.0	141	16.7
175													24.6	131	16.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom                      95 ft luffing jib                      123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	120.4												
48				75.0	225	120.4									
50	69.4	222	118.9	73.6	224	120.3									
55	66.1	220	115.8	70.4	222	117.2									
60	62.7	218	108.2	67.1	220	104.8									
65	59.2	215	97.7	63.8	218	94.6									
70	55.6	211	89.0	60.4	215	86.2									
75	51.8	207	81.6	56.8	212	79.1									
78							67.0	217	69.1						
80	47.8	203	75.3	53.0	208	72.9	65.4	216	66.6						
85	43.4	198	69.9	49.1	204	67.6	62.0	213	61.7						
90	38.7	192	65.1	44.9	199	63.0	58.5	210	57.5						
95	33.5	185	60.8	40.3	193	58.9	54.8	207	53.7						
100	27.3	176	57.0	35.2	187	55.2	51.0	203	50.4						
105				29.4	178	52.0	46.9	198	47.4						
110				22.1	167	49.0	42.5	193	44.7						
113										57.0	201	38.1			
115							37.7	187	42.3	55.4	200	37.2			
120							32.3	179	40.0	51.6	196	35.3			
125							25.9	170	38.0	47.6	191	33.5			
130							19.5	160	33.0	44.3	187	31.9			
135										39.7	182	30.3			
140										34.5	175	28.9			
145										28.6	166	27.6			
150										21.0	155	26.3			
173													37.0	153	15.9
175													35.8	151	15.8
180													30.0	143	15.1
185													22.9	132	14.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	106.9												
50				75.0	234	107.2									
55	68.5	231	105.1	72.3	233	107.2									
60	65.5	229	101.6	69.4	231	104.5									
65	62.4	226	97.5	66.4	229	94.3									
70	59.2	223	88.8	63.4	226	85.9									
75	56.0	220	81.4	60.3	224	78.8									
80	52.5	216	75.1	57.0	220	72.7									
82							67.0	226	64.7						
85	49.0	212	69.6	53.7	217	67.4	64.9	224	61.3						
90	45.2	207	63.4	50.1	213	62.7	61.8	222	57.1						
95	41.1	201	60.6	46.4	208	58.7	58.6	219	53.4						
100	36.6	195	56.9	42.4	203	55.0	55.3	215	50.0						
105	31.6	187	53.5	38.1	197	51.8	51.8	211	47.1						
110	25.7	178	50.4	33.3	189	48.8	48.2	207	44.4						
115				27.7	180	46.1	44.4	202	42.0						
118										57.0	209	35.5			
120				20.7	169	43.7	40.2	196	39.8	55.8	208	34.8			
125							35.7	190	37.7	52.4	204	33.1			
130							30.5	181	35.9	49.7	201	31.5			
135							24.3	171	34.1	45.9	196	30.0			
140							18.2	161	32.6	41.9	191	28.6			
145										37.5	185	27.2			
150										32.6	177	26.0			
155										26.9	168	24.9			
160										19.7	156	23.8			
181													37.0	159	14.5
185													33.8	154	14.1
190													28.3	145	13.5
195													21.5	134	12.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	94.5									
55	70.4	242	93.4	73.9	243	94.5									
60	67.7	240	91.4	71.3	241	94.1									
65	65.0	237	88.8	68.6	240	92.2									
70	62.1	235	86.8	65.9	237	85.6									
75	59.3	232	81.2	63.1	235	78.5									
80	56.3	228	74.9	60.2	232	72.4									
85	53.2	225	69.4	57.2	229	67.1									
85							67.0	235	60.6						
90	49.9	221	64.6	54.2	225	62.5	64.4	233	56.7						
95	46.5	216	60.4	51.0	221	58.4	61.6	230	53.0						
100	42.9	211	56.7	47.7	217	54.8	58.7	227	49.7						
105	39.0	205	53.3	44.1	212	51.5	55.7	224	46.7						
110	34.8	198	50.3	40.3	206	48.6	52.5	220	44.0						
115	30.0	190	47.5	36.2	200	45.9	49.3	216	41.6						
120	24.3	179	45.0	31.6	192	43.5	45.8	211	39.4						
124										57.0	218	33.1			
125				26.2	182	41.3	42.2	206	37.4	56.9	217	32.7			
130				19.5	170	39.2	38.2	199	35.6	53.8	214	31.0			
135							33.9	192	33.8	50.6	210	29.5			
140							30.1	186	32.3	47.2	205	28.1			
145							24.5	176	30.8	43.6	200	26.9			
150							17.1	162	29.4	39.8	194	25.7			
155										35.6	188	24.5			
160										30.9	180	23.5			
165										25.5	170	22.5			
170										18.5	157	21.5			
188													37.0	165	13.1
190													36.6	164	13.0
195													32.0	156	12.5
200													26.8	147	12.0
205													20.3	135	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
55				75.0	253	84.4									
60	69.6	250	83.2	72.8	252	84.4									
65	67.1	248	81.4	70.4	250	83.7									
70	64.5	246	79.5	67.9	248	82.3									
75	61.9	243	78.0	65.4	246	78.2									
80	59.3	240	74.7	62.8	243	72.1									
85	56.5	237	69.2	60.1	240	66.9									
89							67.0	244	57.1						
90	53.7	233	64.4	57.4	237	62.3	66.6	244	56.4						
95	50.7	229	60.2	54.6	234	58.2	64.0	241	52.7						
100	47.7	225	56.5	51.7	230	54.6	61.4	239	49.4						
105	44.4	220	53.1	48.7	226	51.3	58.7	236	46.4						
110	41.0	214	50.1	45.5	221	48.4	56.0	232	43.8						
115	37.2	208	47.4	42.1	215	45.8	53.1	228	41.4						
120	33.1	200	44.9	38.5	209	43.3	50.1	224	39.2						
125	28.5	192	42.6	34.5	202	41.1	47.0	220	37.2						
129										57.0	226	31.0			
130	23.1	181	40.5	30.1	194	39.1	43.7	215	35.3	57.0	226	30.7			
135				25.0	184	37.2	40.2	209	33.6	54.2	222	29.3			
140				18.5	171	35.5	37.4	204	32.1	51.3	218	27.9			
145							33.3	197	30.7	48.3	214	26.6			
150							28.7	188	29.3	45.1	209	25.4			
155							23.3	177	28.0	41.6	204	24.3			
160										38.0	198	23.2			
165										34.0	190	22.3			
170										29.5	182	21.3			
175										24.2	172	20.4			
180										17.4	158	19.6			
196													37.0	171	12.0
200													34.9	167	11.7
205													30.5	159	11.2
210													25.5	149	10.7
215													19.2	136	10.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	74.1									
65	68.8	259	72.4	71.9	261	74.0									
70	66.5	257	70.7	69.6	259	72.7									
75	64.2	254	69.2	67.3	257	71.5									
80	61.8	252	68.0	64.9	254	69.8									
85	59.3	249	66.5	62.5	252	66.6									
90	56.7	245	62.2	60.1	249	61.9									
93							67.0	253	53.7						
95	54.1	242	60.0	57.6	246	57.9	66.1	252	52.3						
100	51.4	238	56.2	55.0	242	54.3	63.7	250	49.0						
105	48.6	234	52.9	52.3	239	51.0	61.3	247	46.1						
110	45.7	229	49.9	49.5	234	48.1	58.8	244	43.4						
115	42.5	223	47.2	46.6	230	45.5	56.2	241	41.0						
120	39.2	217	44.7	43.6	225	43.1	53.6	237	38.8						
125	35.7	211	42.4	40.3	219	40.9	50.9	233	36.8						
130	31.7	203	40.3	36.8	212	38.9	48.0	229	35.0						
134										57.0	234	29.0			
135	27.3	194	38.4	33.0	205	37.0	45.1	224	33.3	57.0	234	28.7			
140	22.0	182	36.6	28.8	196	35.3	42.7	220	31.8	54.6	231	27.5			
145				23.8	186	33.7	39.3	214	30.4	52.0	227	26.2			
150				19.1	176	25.3	35.8	207	29.0	49.2	223	25.0			
155							31.9	199	27.7	46.2	218	23.9			
160							27.4	190	26.6	43.2	213	22.9			
165							22.2	179	25.4	39.9	207	21.9			
170										36.4	201	21.0			
175										32.5	193	20.1			
180										28.2	184	19.3			
185										23.1	173	18.5			
190										16.5	159	17.7			
204													37.0	176	10.8
205													37.0	176	10.8
210													33.4	169	10.3
215													29.2	161	9.9
220													24.3	151	9.5
225													18.2	137	9.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	65.7									
70	68.2	267	62.0	71.0	269	63.0									
75	66.1	265	60.7	68.9	267	61.6									
80	63.8	263	59.5	66.8	265	60.4									
85	61.6	260	58.7	64.6	263	59.2									
90	59.3	257	57.4	62.3	260	58.3									
95	56.9	254	56.2	60.0	257	57.3									
97							67.0	262	50.6						
100	54.5	250	55.1	57.7	254	53.9	65.6	261	48.6						
105	52.0	247	52.6	55.3	251	50.7	63.4	258	45.7						
110	49.4	242	49.6	52.8	247	47.8	61.1	255	43.0						
115	46.7	238	46.9	50.3	243	45.2	58.8	252	40.6						
120	43.9	233	44.4	47.6	239	42.8	56.5	249	38.4						
125	40.9	227	42.1	44.8	234	40.6	54.0	246	36.5						
130	37.7	221	40.1	41.9	228	38.6	51.5	242	34.6						
135	34.2	214	38.1	38.7	222	36.7	49.5	238	32.9						
140										57.0	242	27.0			
140	30.4	205	36.4	35.4	215	35.0	46.8	234	31.5	57.0	242	26.8			
145	26.1	196	34.7	31.7	207	33.4	44.0	229	30.0	55.0	239	25.8			
150	21.0	184	33.2	28.6	201	24.2	41.0	223	28.7	52.5	236	24.6			
155				24.0	190	23.5	37.8	217	27.4	49.9	232	23.5			
160				18.2	177	22.8	34.4	210	26.2	47.2	227	22.5			
165							30.6	202	25.1	44.4	222	21.5			
170							26.3	192	24.1	41.5	216	20.6			
175							21.2	180	23.1	38.3	210	19.7			
180										34.9	203	18.9			
185										31.2	195	18.1			
190										27.0	186	17.4			
195										22.1	175	16.7			
200										15.6	159	16.0			
212													37.0	182	9.6
215													35.7	180	9.5
220													32.1	172	9.0
225													28.0	163	8.6
230													23.3	152	8.2
235													17.3	138	7.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	55.1									
80	65.6	274	53.5	68.3	276	54.4									
85	63.6	271	52.7	66.3	274	53.7									
90	61.5	269	52.1	64.2	271	52.9									
95	59.3	266	51.1	62.2	269	52.3									
100	57.1	262	50.2	60.0	266	51.6									
101							67.0	271	47.9						
105	54.8	259	49.3	57.8	263	50.5	65.2	269	45.4						
110	52.5	255	48.6	55.6	259	47.6	63.2	267	42.7						
115	50.1	251	46.7	53.3	256	44.9	61.0	264	40.3						
120	47.6	247	44.2	50.9	252	42.6	58.9	261	38.2						
125	45.0	242	41.9	48.4	247	40.4	56.7	258	36.2						
130	42.3	236	39.9	45.9	243	38.4	54.4	254	34.4						
135	39.4	230	38.0	43.2	237	36.5	52.6	251	32.8						
140	36.3	224	36.2	40.3	232	34.8	50.2	247	31.2						
145	33.0	216	34.5	37.3	225	33.2	47.7	243	29.8	57.0	251	25.2			
150	30.2	210	20.4	34.8	220	23.6	45.1	238	28.4	55.3	248	24.3			
155	26.1	200	20.0	31.4	212	23.0	42.4	232	27.2	53.0	244	23.2			
160	21.4	188	19.5	27.5	203	22.4	39.5	226	26.0	50.6	240	22.2			
165				23.0	192	21.7	36.4	220	24.9	48.1	236	21.2			
170				17.4	178	21.1	33.1	212	23.9	45.5	231	20.3			
175							29.4	204	22.9	42.8	226	19.5			
180							25.2	194	22.0	40.0	220	18.7			
185							20.3	181	21.1	36.9	213	17.9			
190										33.6	206	17.2			
195										30.0	198	16.5			
200										26.0	188	15.8			
205										21.1	176	15.2			
220													37.0	188	8.7
220													37.0	188	8.7
225													34.4	183	8.4
230													30.9	174	8.0
235													26.9	165	7.6
240													22.3	154	7.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	48.9									
85	65.3	282	47.6	67.8	285	48.7									
90	63.3	280	47.1	65.9	282	48.2									
95	61.3	277	46.6	64.0	280	47.8									
100	59.3	274	45.9	62.0	277	47.4									
105							67.0	280	45.2						
105	57.2	271	45.2	60.0	274	46.9	66.8	280	45.0						
110	55.1	267	44.5	57.9	271	46.3	64.9	278	42.3						
115	52.9	264	44.0	55.8	268	44.6	62.9	275	40.0						
120	50.7	260	43.5	53.7	264	42.2	60.9	272	37.8						
125	48.4	255	41.7	51.4	260	40.1	58.9	269	35.8						
130	46.0	251	39.6	49.1	256	38.1	56.8	266	34.0						
135	43.5	245	37.7	46.8	251	36.2	55.2	264	32.4						
140	40.8	240	35.9	44.3	246	34.5	53.0	260	30.8						
145	38.0	233	34.3	42.3	242	25.6	50.8	256	29.4						
150	35.7	228	20.0	39.6	236	24.1	48.5	251	28.1						
150										57.0	259	23.5			
155	32.6	221	19.5	36.7	230	22.8	46.1	247	26.8	55.5	257	22.8			
160	29.1	212	19.0	33.6	222	22.0	43.5	242	25.7	53.4	253	21.8			
165	25.2	202	18.5	30.3	214	21.5	40.9	236	24.6	51.1	249	20.8			
170	20.5	190	17.9	26.5	205	20.9	38.1	230	23.6	48.8	245	19.9			
175				22.1	193	20.3	35.1	223	22.6	46.4	240	19.1			
180				16.7	178	19.7	31.9	215	21.7	44.0	235	18.3			
185							28.3	206	20.8	41.3	229	17.5			
190							24.3	196	20.0	38.6	223	16.8			
195							19.5	183	19.2	35.6	216	16.1			
200										32.4	209	15.5			
205										28.9	200	14.9			
210										25.0	190	14.3			
215										20.3	177	13.7			
228													37.0	194	7.7
230													36.3	193	7.6
235													33.2	185	7.2
240													29.8	177	6.9
245													25.9	167	6.5
250													21.4	155	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	42.2									
95	63.1	288	40.8	65.5	291	41.7									
100	61.2	285	40.4	63.7	288	41.3									
105	59.3	283	39.7	61.8	286	41.0									
108							67.0	289	40.3						
110	57.4	279	39.2	59.9	283	40.4	66.4	289	40.3						
115	55.4	276	38.7	58.0	280	39.9	64.6	286	39.6						
120	53.3	272	38.2	56.0	276	39.4	62.7	284	37.4						
125	51.2	268	37.8	54.0	273	39.0	60.9	281	35.4						
130	49.1	264	37.3	51.9	269	37.7	58.9	278	33.6						
135	46.8	259	36.7	49.8	265	35.9	57.4	275	32.0						
140	44.5	254	35.6	47.6	260	34.2	55.5	272	30.5						
145	42.1	249	34.0	45.8	257	28.6	53.4	268	29.0						
150	40.1	244	22.6	43.4	251	27.2	51.3	264	27.7						
155	37.4	238	21.5	40.9	246	25.9	49.1	260	26.5						
156										57.0	267	21.9			
160	34.6	231	20.6	38.3	240	24.8	46.9	256	25.3	55.8	265	21.3			
165	31.5	223	19.7	35.5	233	23.7	44.6	251	24.2	53.7	261	20.4			
170	28.1	214	18.8	32.5	225	22.6	42.1	245	23.2	51.6	258	19.5			
175	24.3	204	17.9	29.2	216	21.4	39.6	239	22.3	49.5	253	18.7			
180	19.7	191	17.0	25.6	207	20.2	36.9	233	21.4	47.3	249	17.9			
185				21.3	195	19.1	34.0	225	20.5	44.9	244	17.1			
190				16.0	179	17.8	30.8	217	19.7	42.5	238	16.4			
195							27.4	208	18.9	40.0	233	15.7			
200							23.4	197	18.2	37.3	226	15.1			
205							18.7	184	17.5	34.5	219	14.5			
210										31.4	211	13.9			
215										28.0	202	13.4			
220										24.1	192	12.8			
225										19.5	179	12.3			
236													37.0	200	6.7
240													35.1	195	6.4
245													32.1	188	6.1
250													28.8	179	5.8
255													25.0	169	5.5
260													20.6	156	5.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	36.4									
105	61.1	294	35.3	63.5	297	36.0									
110	59.3	291	34.8	61.7	294	35.7									
112							67.0	298	35.4						
115	57.5	288	34.3	59.9	291	35.2	66.1	297	35.4						
120	55.6	284	33.9	58.1	288	34.7	64.3	295	35.4						
125	53.7	281	33.5	56.2	285	34.2	62.6	292	35.1						
130	51.7	277	33.2	54.3	281	33.8	60.8	289	33.3						
135	50.1	274	28.2	52.3	278	33.5	59.4	287	31.7						
140	48.1	269	27.0	50.3	273	33.2	57.6	284	30.2						
145	45.9	265	25.8	48.7	270	28.8	55.7	281	28.8						
150	43.7	259	24.7	46.6	265	28.0	53.7	277	27.4						
155	41.3	254	23.7	44.4	260	27.3	51.8	273	26.2						
160	38.9	248	22.8	42.1	255	26.5	49.7	269	25.1						
161										57.0	275	20.6			
165	36.3	241	21.9	39.7	249	25.9	47.6	264	24.0	56.0	274	20.1			
170	33.5	234	20.9	37.1	243	25.3	45.5	260	23.0	54.1	270	19.2			
175	30.5	225	19.7	34.4	236	24.3	43.2	254	22.0	52.1	266	18.4			
180	27.2	216	18.5	31.5	228	22.7	40.8	249	21.1	50.1	262	17.6			
185	23.5	205	17.3	28.3	219	21.1	38.4	242	20.2	48.0	258	16.8			
190	19.0	192	16.1	24.7	208	19.5	35.7	236	19.4	45.8	253	16.1			
195				20.6	196	17.9	32.9	228	18.7	43.6	248	15.5			
200				15.3	180	16.2	29.9	220	17.9	41.2	242	14.8			
205							26.5	210	17.2	38.8	236	14.2			
210							22.6	199	16.6	36.2	229	13.6			
215							18.0	185	15.9	33.4	222	13.1			
220										30.4	214	12.6			
225										27.1	204	12.1			
230										23.3	193	11.6			
235										18.8	180	11.1			
243													37.0	206	5.9
245													36.8	205	5.8
250													34.0	198	5.5
255													31.1	190	5.2
260													27.8	181	4.9
265													24.2	171	4.7
270													19.9	158	4.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	28.2						
120	58.0	297	27.0	60.3	301	27.9	66.1	306	28.2						
125	56.2	294	26.5	58.6	297	27.5	64.5	304	28.2						
130	54.4	290	26.1	56.8	294	27.0	62.8	301	28.0						
135	52.6	286	25.7	55.0	291	26.6	61.1	299	27.7						
140	50.7	282	25.4	53.2	287	26.3	59.4	296	27.6						
145	48.7	278	24.6	51.3	283	26.0	57.7	292	27.3						
150	46.7	273	23.9	49.3	279	25.3	55.9	289	27.0						
155	44.6	268	23.1	47.3	274	24.7	54.0	285	25.8						
160	42.4	263	22.5	45.3	269	24.1	52.2	282	24.7						
165	40.1	257	21.9	43.1	264	23.5	50.3	278	23.6						
167										57.0	284	19.2			
170	37.7	251	21.3	40.9	258	23.0	48.3	273	22.6	56.2	282	18.8			
175	35.2	244	20.8	38.5	252	22.5	46.3	268	21.6	54.3	279	18.0			
180	32.5	236	19.8	36.0	246	22.0	44.2	263	20.7	52.5	275	17.2			
185	29.6	228	18.7	33.4	238	21.1	42.0	258	19.9	50.6	271	16.4			
190	26.4	218	17.7	30.6	230	20.2	39.7	252	19.1	48.6	266	15.7			
195	22.7	207	16.6	27.4	221	19.2	37.2	246	18.3	46.6	262	15.1			
200	18.4	193	15.5	23.9	210	18.2	34.7	238	17.6	44.5	257	14.4			
205				19.9	197	17.2	31.9	231	16.9	42.3	251	13.8			
210							29.0	222	16.3	40.0	245	13.3			
215							25.7	212	15.6	37.6	239	12.7			
220							21.9	200	15.0	35.1	232	12.2			
225							17.4	186	14.4	32.4	224	11.7			
230										29.5	216	11.2			
235										26.2	206	10.8			
240										22.6	195	10.3			
245										18.2	181	9.9			
251													37.0	212	5.0
255													35.7	208	4.8
260													33.0	201	4.5
265														193	4.2
270														183	4.0
275														172	3.7
280														159	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	26.2						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	24.4						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	24.4						
130	56.4	302	23.6	58.6	306	24.0	64.2	312	24.4						
135	54.7	299	23.4	56.9	303	23.7	62.6	310	24.1						
140	52.9	295	23.1	55.2	299	23.4	61.0	307	24.0						
145	51.1	291	22.8	53.5	296	23.1	59.4	304	23.8						
150	49.3	287	22.4	51.7	292	22.9	57.7	301	23.6						
155	47.4	282	22.0	49.9	288	22.4	56.0	298	23.4						
160	45.4	277	21.6	48.0	283	21.9	54.3	294	23.1						
165	43.4	272	21.2	46.0	278	21.4	52.6	290	22.9						
170	41.2	267	20.8	44.0	273	20.9	50.7	286	22.2						
172										57.0	292	17.9			
175	39.0	260	20.4	41.9	268	20.5	48.9	282	21.3	56.3	291	17.5			
180	36.7	254	20.1	39.7	262	20.1	47.0	277	20.4	54.6	287	16.8			
185	34.2	247	19.7	37.5	255	19.7	45.0	272	19.5	52.8	283	16.0			
190	31.6	239	18.9	35.0	248	19.3	42.9	267	18.8	51.0	279	15.3			
195	28.7	230	18.0	32.5	241	18.8	40.8	261	18.0	49.2	275	14.7			
200	25.6	220	17.0	29.7	232	18.4	38.6	255	17.3	47.3	270	14.0			
205	22.0	208	16.0	26.6	223	17.8	36.2	248	16.6	45.3	266	13.4			
210				23.2	212	17.3	33.7	241	15.9	43.3	260	12.9			
215				19.2	198	16.7	31.0	233	15.3	41.1	255	12.3			
220							28.1	224	14.7	38.9	249	11.8			
225							24.9	214	14.2	36.6	242	11.3			
230							21.2	202	13.6	34.1	235	10.9			
235							16.8	187	13.1	31.5	227	10.4			
240										28.6	218	10.0			
245										25.5	208	9.5			
250										21.9	196	9.1			
255										17.5	182	8.7			
259													37.0	218	4.1
260													37.0	218	4.1
265													34.7	211	3.8
270													32.1	203	3.6
275													29.3	195	3.3
280													26.2	185	3.1
285													22.7	174	2.8
290													18.6	160	2.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>66 ft luffing jib</b> <b>133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	158.8												
40	69.6	205	158.8												
41				75.0	206	158.8									
45	64.8	202	156.8	71.6	205	153.1									
50	59.8	200	137.5	66.9	203	133.0									
55	54.5	196	121.4	62.0	200	117.4									
60	48.8	192	108.5	56.8	197	105.0									
65	42.4	187	98.0	51.3	193	94.8									
69							67.0	199	80.6						
70	35.2	180	89.2	45.2	188	86.4	65.7	198	78.6						
75	26.1	171	81.8	38.4	182	79.2	60.7	196	72.1						
80				30.3	174	73.0	55.4	192	66.5						
85				19.0	163	67.6	49.8	188	61.7						
90							43.6	183	57.4						
95							36.5	177	53.7						
100							27.9	168	50.3						
101										57.0	185	43.7			
105										52.6	182	41.6			
110										46.7	178	39.2			
115										40.1	172	37.1			
120										32.3	165	35.1			
125										24.9	157	33.0			
156													37.0	142	18.2
160													32.5	138	17.7
165													22.3	127	16.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 76 ft luffing jib 133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	152.9												
40	72.4	215	150.6												
44				75.0	216	151.0									
45	68.3	213	148.1	74.1	215	150.9									
50	64.1	211	137.3	70.1	213	132.7									
55	59.8	208	121.2	65.9	211	117.1									
60	55.2	205	108.4	61.6	209	104.7									
65	50.3	201	97.9	57.2	205	94.6									
70	45.0	196	89.2	52.4	202	86.2									
73							67.0	208	74.8						
75	39.2	190	81.8	47.3	197	79.0	64.9	207	71.7						
80	32.4	182	75.4	41.7	192	72.9	60.5	204	66.1						
85	23.9	172	69.9	35.4	185	67.6	56.0	201	61.3						
90				27.8	177	62.9	51.2	197	57.1						
95				17.1	163	58.7	46.0	192	53.4						
100							40.2	187	50.1						
105							33.7	180	47.1						
106										57.0	194	40.5			
110							25.6	170	44.4	53.5	191	38.8			
115										48.5	187	36.7			
120										43.1	181	34.7			
125										38.5	177	33.0			
130										31.5	169	31.4			
135										22.7	159	29.8			
164													37.0	148	16.6
165													37.0	148	16.5
170													29.9	140	15.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 85 ft luffing jib 133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	133.3												
45	71.0	224	131.6												
46				75.0	225	132.7									
50	67.3	222	129.7	72.5	224	132.4									
55	63.6	219	121.0	68.9	222	116.8									
60	59.7	216	108.2	65.2	220	104.4									
65	55.7	213	97.7	61.4	217	94.3									
70	51.4	209	89.0	57.4	214	85.9									
75	46.9	205	81.6	53.3	210	78.8									
76							67.0	217	69.7						
80	42.0	199	75.3	48.9	206	72.7	64.2	215	65.7						
85	36.5	193	69.8	44.1	201	67.4	60.4	213	61.0						
90	30.1	185	63.6	38.9	195	62.8	56.4	209	56.8						
95	22.0	174	60.7	33.0	188	58.7	52.2	206	53.1						
100				25.8	178	55.0	47.7	201	49.8						
105							42.8	196	46.8						
110							37.5	190	44.2						
112										57.0	202	37.6			
115							31.3	182	41.7	54.2	199	36.3			
120							23.6	172	39.5	49.9	195	34.3			
125										46.4	192	32.6			
130										41.4	186	31.0			
135										35.8	180	29.5			
140										29.3	171	28.1			
172													37.0	154	14.9
175													34.5	151	14.7
180													27.7	142	14.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 95 ft luffing jib 133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	118.5												
49				75.0	235	118.5									
50	69.8	232	116.9	74.4	234	118.5									
55	66.5	230	114.5	71.2	233	116.7									
60	63.2	228	108.0	67.9	231	104.3									
65	59.7	225	97.6	64.6	228	94.2									
70	56.1	222	88.9	61.2	226	85.8									
75	52.3	218	81.5	57.6	222	78.7									
80	48.3	214	75.2	53.9	219	72.6									
80							67.0	226	65.3						
85	44.1	209	69.8	50.1	215	67.3	63.8	224	60.7						
90	39.4	203	65.0	45.9	210	62.7	60.3	221	56.5						
95	34.2	196	60.7	41.4	205	58.6	56.7	218	52.9						
100	28.2	187	57.0	36.5	198	55.0	53.0	214	49.6						
105	22.5	178	31.9	30.9	190	51.7	49.0	210	46.6						
110				24.1	180	48.7	44.8	205	44.0						
115							40.3	199	41.6						
117										57.0	210	35.2			
120							35.2	193	39.4	54.8	208	34.1			
125							29.3	184	37.4	51.9	205	32.4			
130							22.0	173	35.5	47.9	201	30.8			
135										43.6	195	29.3			
140										38.9	189	27.9			
145										33.6	182	26.7			
150										27.4	173	25.4			
180													37.0	160	13.8
180													37.0	160	13.7
185													32.4	153	13.2
190													25.9	144	12.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	104.1												
52				75.0	244	104.6									
55	68.9	241	102.7	73.0	243	104.5									
60	65.9	239	99.7	70.1	241	103.3									
65	62.8	236	97.2	67.2	239	93.8									
70	59.7	233	88.6	64.1	237	85.4									
75	56.4	230	81.3	61.0	234	78.4									
80	53.0	226	75.0	57.8	231	72.3									
84							67.0	235	61.2						
85	49.5	222	69.5	54.5	227	67.0	66.4	235	60.3						
90	45.7	218	62.8	51.0	223	62.4	63.4	232	56.1						
95	41.7	212	60.5	47.3	219	58.3	60.2	230	52.5						
100	37.3	206	56.8	43.4	214	54.7	57.0	226	49.2						
105	32.3	198	53.4	39.2	208	51.5	53.6	223	46.3						
110	26.6	189	50.4	34.5	201	48.6	50.1	219	43.6						
115	21.1	180	29.5	29.1	192	45.9	46.4	214	41.3						
120				22.6	182	43.5	42.4	209	39.1						
122										57.0	218	32.4			
125										56.0	217	32.0			
130										52.6	214	30.4			
135										49.1	209	28.9			
140										45.3	204	27.5			
145										41.2	199	26.3			
150										36.7	192	25.1			
155										31.7	185	24.0			
160										25.8	175	22.9			
188															
190													37.0	166	12.4
195													35.7	164	12.2
195													30.5	156	11.7
200													24.4	146	11.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	93.0									
55	70.8	252	92.1	74.5	253	93.0									
60	68.1	250	90.5	71.9	252	92.9									
65	65.3	247	88.0	69.2	250	91.6									
70	62.5	245	86.0	66.5	248	85.1									
75	59.7	242	81.0	63.7	245	78.0									
80	56.7	239	74.7	60.9	242	72.0									
85	53.6	235	69.3	58.0	239	66.7									
88							67.0	244	57.4						
90	50.4	231	64.5	54.9	236	62.1	65.8	243	55.7						
95	47.0	226	60.3	51.8	232	58.1	63.0	241	52.1						
100	43.4	221	56.6	48.5	228	54.5	60.2	238	48.8						
105	39.6	215	53.2	45.0	223	51.2	57.2	235	45.9						
110	35.4	209	50.2	41.3	217	48.3	54.1	231	43.3						
115	30.7	201	47.5	37.2	211	45.7	51.0	227	40.9						
120	25.1	191	44.9	32.7	204	43.3	47.6	223	38.7						
125				27.6	195	41.1	44.1	218	36.7						
128										57.0	227	30.3			
130				21.3	183	39.0	40.3	212	34.9	56.3	226	29.9			
135							36.1	206	33.2	53.3	222	28.5			
140							32.7	200	31.8	50.0	218	27.1			
145							27.5	191	30.3	46.6	213	25.9			
150							21.2	179	28.9	43.0	208	24.7			
155										39.1	202	23.6			
160										34.9	195	22.6			
165										30.1	187	21.6			
170										24.4	177	20.7			
195													37.0	172	11.1
200													33.9	166	10.8
205													29.0	158	10.3
210													23.0	147	9.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	82.3									
60	69.9	260	81.1	73.4	262	82.3									
65	67.4	258	79.5	70.9	260	81.9									
70	64.9	256	77.6	68.5	258	80.8									
75	62.3	253	76.1	66.0	256	77.8									
80	59.6	250	74.4	63.4	254	71.8									
85	56.9	247	69.1	60.8	251	66.5									
90	54.1	244	62.4	58.1	248	61.9									
92							67.0	253	54.2						
95	51.2	240	60.1	55.3	244	57.9	65.3	252	51.8						
100	48.1	235	56.4	52.4	241	54.3	62.7	249	48.5						
105	44.9	230	53.1	49.4	236	51.0	60.1	247	45.6						
110	41.5	225	50.0	46.3	232	48.1	57.4	243	43.0						
115	37.8	219	47.3	42.9	227	45.5	54.6	240	40.6						
120	33.7	211	44.8	39.4	221	43.1	51.7	236	38.5						
125	29.2	203	42.5	35.5	214	40.9	48.6	232	36.5						
130	23.9	192	40.4	31.2	206	38.9	45.4	227	34.7						
133										57.0	235	28.4			
135				26.3	196	37.0	42.9	223	32.9	56.6	234	28.2			
140				20.2	184	35.3	39.3	217	31.6	53.8	231	26.8			
145							35.4	210	30.1	50.8	227	25.6			
150							31.1	202	28.8	47.7	222	24.4			
155							26.2	193	27.5	44.5	217	23.4			
160							20.1	180	26.3	41.1	212	22.4			
165										37.3	205	21.4			
170										33.3	198	20.5			
175										28.7	189	19.6			
180										23.2	179	18.8			
203													37.0	177	10.1
205													36.5	177	10.0
210													32.3	169	9.6
215													27.6	160	9.2
220													21.9	149	8.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	73.3									
60	71.4	271	72.6	74.6	272	73.3									
65	69.2	269	71.7	72.4	271	73.2									
70	66.8	267	70.1	70.1	269	72.4									
75	64.5	264	68.6	67.8	267	71.3									
80	62.1	262	67.5	65.5	265	69.8									
85	59.6	259	66.0	63.1	262	66.2									
90	57.1	256	60.6	60.7	259	61.6									
95	54.5	252	58.8	58.2	256	57.5									
96							67.0	263	51.0						
100	51.8	248	56.1	55.6	253	53.9	64.9	260	48.1						
105	49.0	244	52.8	53.0	249	50.7	62.5	258	45.2						
110	46.1	239	49.8	50.2	245	47.8	60.1	255	42.6						
115	43.0	234	47.1	47.3	241	45.2	57.5	252	40.3						
120	39.7	228	44.6	44.3	236	42.8	55.0	248	38.1						
125	36.2	222	42.3	41.1	230	40.6	52.3	245	36.1						
130	32.3	214	40.2	37.7	224	38.6	49.5	240	34.3						
135	27.9	205	38.3	34.0	217	36.8	47.3	237	32.8						
139										57.0	243	26.5			
140	22.8	194	36.5	29.8	208	35.1	44.3	232	31.2	56.8	243	26.4			
145				25.1	198	33.5	41.1	226	29.8	54.2	239	25.2			
150				20.7	189	24.2	37.6	220	28.5	51.5	235	24.0			
155							33.9	213	27.2	48.7	231	23.0			
160							29.8	204	26.0	45.7	226	21.9			
165							25.0	194	24.9	42.6	221	21.0			
170							19.1	181	23.9	39.3	215	20.1			
175										35.7	208	19.3			
180										31.8	201	18.5			
185										27.4	191	17.7			
190										22.1	180	17.0			
211													37.0	183	9.0
215													34.9	179	8.7
220													30.9	171	8.4
225													26.3	162	8.0
230													20.8	150	7.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom                      144 ft luffing jib                      133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	62.0									
75	66.4	275	58.8	69.4	278	60.7									
80	64.2	273	57.6	67.3	276	59.6									
85	61.9	270	56.7	65.1	273	58.3									
90	59.6	267	55.3	62.9	271	57.3									
95	57.3	264	53.9	60.6	268	56.4									
99							67.0	272	48.1						
100	54.9	261	52.7	58.3	265	53.6	66.7	271	47.7						
105	52.4	257	51.7	55.9	262	50.4	64.5	269	44.8						
110	49.8	253	49.5	53.4	258	47.5	62.3	266	42.2						
115	47.1	248	46.8	50.9	254	44.9	60.0	264	39.9						
120	44.3	243	44.3	48.2	249	42.5	57.7	260	37.7						
125	41.3	238	42.1	45.5	245	40.3	55.3	257	35.8						
130	38.1	231	40.0	42.6	239	38.3	52.8	253	34.0						
135	34.7	224	38.1	39.5	233	36.5	50.8	250	32.4						
140	31.0	216	36.3	36.2	227	34.8	48.2	246	30.9						
144										57.0	251	24.9			
145	26.8	207	34.7	32.6	219	33.2	45.4	241	29.4	57.0	251	24.7			
150	21.8	195	33.1	29.6	213	23.4	42.5	236	28.1	54.6	248	23.6			
155				25.2	203	22.6	39.4	230	26.9	52.1	244	22.5			
160				19.8	190	21.7	36.1	223	25.7	49.5	240	21.5			
165							32.5	215	24.6	46.8	235	20.6			
170							28.5	207	23.6	43.9	230	19.7			
175							23.9	196	22.6	41.0	224	18.9			
180							18.2	182	21.7	37.8	218	18.1			
185										34.3	211	17.4			
190										30.5	203	16.7			
195										26.2	193	16.0			
200										21.1	181	15.3			
219													37.0	189	7.9
220													37.0	189	7.9
225													33.5	182	7.5
230													29.7	174	7.2
235													25.2	164	6.8
240													19.8	151	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	54.9									
80	65.9	284	52.2	68.8	286	54.1									
85	63.9	281	51.3	66.8	284	53.4									
90	61.8	279	50.6	64.7	282	52.5									
95	59.6	276	49.5	62.7	279	51.9									
100	57.4	273	48.4	60.5	276	51.2									
103							67.0	281	45.5						
105	55.2	269	47.4	58.4	273	50.2	66.3	280	44.5						
110	52.8	265	46.6	56.1	270	47.3	64.2	277	41.9						
115	50.4	261	45.8	53.8	266	44.7	62.1	275	39.6						
120	48.0	257	44.1	51.5	262	42.3	60.0	272	37.5						
125	45.4	252	41.9	49.0	258	40.1	57.8	269	35.5						
130	42.7	247	39.8	46.5	254	38.1	55.6	266	33.7						
135	39.8	241	37.9	43.8	248	36.3	53.8	263	32.1						
140	36.7	234	36.1	41.0	243	34.6	51.4	259	30.6						
145	33.4	227	34.5	38.8	238	32.9	49.0	254	29.2						
149										57.0	260	23.4			
150	30.7	221	19.8	35.6	231	23.0	46.4	250	27.9	57.0	260	23.2			
155	26.7	211	19.2	32.2	224	22.2	43.8	245	26.6	54.9	256	22.2			
160	22.1	200	18.6	28.5	215	21.5	41.0	239	25.5	52.6	253	21.2			
165				24.2	204	20.7	38.0	233	24.4	50.2	248	20.3			
170				18.9	191	19.9	34.8	226	23.4	47.7	244	19.4			
175							31.3	218	22.4	45.1	239	18.6			
180							27.4	209	21.5	42.3	234	17.8			
185							22.9	198	20.7	39.5	228	17.1			
190							17.3	183	19.8	36.4	221	16.4			
195										33.0	214	15.7			
200										29.4	205	15.1			
205										25.2	195	14.5			
210										20.2	183	13.9			
227													37.0	195	7.0
230													35.7	192	6.9
235													32.3	185	6.6
240													28.5	176	6.2
245													24.2	165	5.9
250													19.0	152	5.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	48.1									
85	65.5	292	45.7	68.3	295	47.8									
90	63.6	290	45.1	66.4	293	47.4									
95	61.6	287	44.6	64.4	290	46.9									
100	59.6	284	43.7	62.5	288	46.5									
105	57.5	281	42.9	60.5	285	46.0									
107							67.0	290	43.0						
110	55.4	278	42.1	58.4	282	45.4	65.9	288	41.5						
115	53.3	274	41.4	56.3	279	44.4	63.9	286	39.2						
120	51.0	270	40.9	54.2	275	42.0	62.0	283	37.1						
125	48.7	266	40.0	52.0	271	39.8	60.0	280	35.1						
130	46.3	261	39.1	49.7	267	37.8	57.9	277	33.3						
135	43.8	256	37.6	47.3	262	36.0	56.3	275	31.7						
140	41.2	250	35.9	44.9	257	34.3	54.1	271	30.2						
145	38.4	244	34.2	42.9	253	25.2	51.9	267	28.8						
150	36.2	239	19.6	40.3	248	23.5	49.7	263	27.5						
155										57.0	268	21.8			
155	33.0	231	18.9	37.4	241	22.0	47.3	259	26.3	57.0	268	21.7			
160	29.6	223	18.2	34.4	234	21.0	44.8	254	25.1	55.2	265	20.8			
165	25.7	213	17.6	31.1	226	20.3	42.3	248	24.1	53.0	261	19.9			
170	21.2	201	16.9	27.4	217	19.6	39.6	242	23.1	50.8	257	19.0			
175				23.2	206	18.9	36.7	236	22.1	48.4	253	18.2			
180				18.1	192	18.1	33.6	229	21.2	46.0	248	17.4			
185							30.2	220	20.4	43.5	243	16.7			
190							26.4	211	19.6	40.9	237	16.0			
195							22.1	199	18.8	38.1	231	15.4			
200							16.6	184	18.0	35.1	224	14.7			
205										31.9	216	14.2			
210										28.3	207	13.6			
215										24.3	197	13.0			
220										19.4	184	12.5			
235													37.0	201	6.1
235													37.0	201	6.1
240													34.4	195	5.8
245													31.1	187	5.5
250													27.5	178	5.2
255													23.3	167	4.9
260													18.2	153	4.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	42.2									
95	63.4	298	40.2	66.0	301	41.7									
100	61.5	296	39.8	64.2	299	41.2									
105	59.6	293	39.1	62.3	296	40.9									
110	57.6	290	38.4	60.4	293	40.4									
111							67.0	299	40.1						
115	55.7	286	37.8	58.5	290	39.9	65.5	297	38.8						
120	53.6	283	37.3	56.5	287	39.4	63.7	294	36.6						
125	51.5	279	36.9	54.5	284	39.0	61.8	292	34.7						
130	49.4	274	36.3	52.4	280	37.5	60.4	290	33.0						
135	47.1	270	35.7	50.3	276	35.7	58.4	287	31.4						
140	44.8	265	35.0	48.1	271	34.0	56.5	283	29.8						
145	42.4	260	33.9	46.4	268	27.8	54.5	280	28.4						
150	40.5	255	21.3	44.0	262	25.9	52.4	276	27.1						
155	37.8	249	20.1	41.5	257	24.2	50.3	272	25.9						
160										57.0	276	20.3			
160	35.0	242	19.0	39.0	251	22.7	48.1	267	24.8	57.0	276	20.2			
165	31.9	234	18.3	36.2	244	21.3	45.8	263	23.7	55.4	273	19.5			
170	28.6	225	17.6	33.3	237	20.4	43.4	257	22.7	53.4	270	18.6			
175	24.8	215	16.9	30.1	228	19.5	40.9	252	21.8	51.3	266	17.8			
180	20.4	203	16.2	26.5	219	18.6	38.3	246	20.9	49.1	261	17.0			
185				22.4	207	17.7	35.5	239	20.0	46.9	257	16.3			
190				17.4	193	16.8	32.5	231	19.2	44.5	252	15.6			
195							29.2	223	18.5	42.1	246	15.0			
200							25.5	213	17.8	39.6	240	14.4			
205							21.2	201	17.1	36.9	234	13.8			
210										34.0	227	13.2			
215										30.8	219	12.7			
220										27.4	209	12.2			
225										23.4	198	11.7			
230										18.7	185	11.2			
243													37.0	207	5.1
245													36.2	205	5.1
250													33.3	198	4.8
255													30.1	190	4.5
260													26.5	180	4.2
265													22.5	169	4.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	36.0									
105	61.4	304	34.9	63.9	307	35.6									
110	59.6	301	34.4	62.1	305	35.3									
115							67.0	308	34.8						
115	57.7	298	33.9	60.4	302	34.8	66.9	308	34.8						
120	55.9	295	33.5	58.5	299	34.4	65.2	305	34.8						
125	53.9	291	33.2	56.7	296	33.9	63.5	303	34.4						
130	52.4	288	28.1	54.8	292	33.5	62.1	301	31.9						
135	50.4	284	27.5	52.8	288	33.2	60.3	298	31.1						
140	48.4	280	25.9	51.3	285	29.1	58.5	295	29.6						
145	46.2	275	24.4	49.2	281	27.7	56.6	292	28.2						
150	44.0	270	23.0	47.1	276	26.3	54.7	288	26.9						
155	41.7	264	21.7	44.9	271	25.0	52.8	285	25.6						
160	39.2	258	20.5	42.7	266	23.8	50.8	281	24.5						
165	36.6	252	19.4	40.3	260	22.7	48.7	276	23.4						
165										57.0	284	18.9			
170	33.9	245	18.5	37.8	254	21.6	46.6	272	22.4	55.7	282	18.3			
175	30.9	236	17.7	35.1	247	20.7	44.4	267	21.5	53.7	278	17.5			
180	27.7	227	17.0	32.2	239	19.7	42.1	261	20.6	51.8	274	16.7			
185	24.0	217	16.2	29.1	231	18.7	39.6	255	19.8	49.7	270	16.0			
190	19.7	204	15.4	25.6	221	17.6	37.1	249	19.0	47.6	266	15.3			
195				21.6	209	16.6	34.4	242	18.2	45.4	261	14.7			
200				16.7	194	15.5	31.5	234	17.5	43.2	256	14.1			
205							28.3	225	16.8	40.8	250	13.5			
210							24.7	214	16.2	38.3	244	12.9			
215							20.5	202	15.6	35.7	237	12.4			
220										32.9	229	11.9			
225										29.8	221	11.4			
230										26.5	211	10.9			
235										22.6	200	10.5			
250													37.0	213	4.4
255													35.1	208	4.2
260													32.3	200	3.9
265													29.1	192	3.7
270													25.7	182	3.4
275													21.7	170	3.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.5									
119							67.0	317	28.2						
120	58.2	307	26.9	60.7	311	28.1	66.9	317	28.2						
125	56.5	304	26.3	59.0	308	27.5	65.3	315	28.2						
130	54.7	301	25.8	57.2	305	27.1	63.7	312	28.2						
135	52.8	297	25.3	55.4	301	26.6	62.0	309	27.9						
140	50.9	293	24.9	53.6	298	26.2	60.3	307	27.6						
145	49.0	288	23.9	51.7	294	25.9	58.5	304	27.5						
150	47.0	284	22.9	49.8	290	25.1	56.8	300	26.5						
155	44.9	279	21.9	47.8	285	24.1	55.0	297	25.3						
160	42.7	274	21.0	45.8	280	23.2	53.1	293	24.1						
165	40.4	268	20.2	43.6	275	22.3	51.2	289	23.1						
170	38.1	262	19.4	41.4	270	21.5	49.3	285	22.1						
171										57.0	293	17.6			
175	35.6	255	18.7	39.1	264	20.7	47.3	280	21.1	55.9	290	17.1			
180	32.9	247	17.9	36.7	257	20.0	45.2	275	20.3	54.0	287	16.3			
185	30.0	239	17.1	34.1	250	19.3	43.1	270	19.4	52.2	283	15.6			
190	26.8	229	16.3	31.3	242	18.4	40.8	265	18.6	50.3	279	14.9			
195	23.2	218	15.5	28.2	233	17.5	38.5	258	17.9	48.3	274	14.3			
200	19.0	205	14.7	24.8	223	16.7	36.0	252	17.2	46.2	270	13.7			
205				20.9	210	15.8	33.4	244	16.5	44.1	265	13.1			
210							30.5	236	15.9	41.9	259	12.5			
215							27.4	227	15.2	39.6	253	12.0			
220							23.9	216	14.7	37.2	247	11.5			
225							19.8	203	14.1	34.7	240	11.0			
230										31.9	232	10.6			
235										28.9	223	10.1			
240										25.6	213	9.7			
245										21.9	202	9.3			
258													37.0	219	3.5
260													36.7	218	3.5
265													34.1	211	3.3
270													31.3	203	3.0
275													28.3	194	2.8
280													24.9	184	2.6
285													21.0	171	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	24.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	24.1						
130	56.6	313	23.1	59.0	316	23.8	65.0	323	24.1						
135	54.9	309	22.7	57.3	313	23.4	63.5	321	24.0						
140	53.2	305	22.5	55.6	310	23.1	61.9	318	23.8						
145	51.4	301	22.2	53.9	306	22.9	60.2	315	23.6						
150	49.5	297	21.7	52.1	302	22.7	58.6	312	23.5						
155	47.6	293	21.1	50.3	298	22.2	56.9	309	23.2						
160	45.7	288	20.6	48.4	294	21.6	55.2	305	23.0						
165	43.6	283	20.0	46.5	289	21.1	53.5	302	22.7						
170	41.5	277	19.5	44.5	284	20.5	51.7	298	21.7						
175	39.3	271	19.0	42.4	279	20.0	49.8	294	20.8						
176										57.0	301	16.3			
180	37.0	265	18.6	40.3	273	19.5	48.0	289	19.9	56.0	299	15.9			
185	34.6	258	18.2	38.0	267	19.1	46.0	284	19.1	54.3	295	15.2			
190	32.0	250	17.3	35.6	260	18.7	44.0	279	18.3	52.5	292	14.5			
195	29.1	241	16.5	33.1	252	18.0	41.9	274	17.5	50.7	288	13.9			
200	26.0	231	15.7	30.4	244	17.2	39.7	268	16.8	48.9	283	13.3			
205	22.5	220	14.8	27.4	235	16.5	37.4	261	16.2	46.9	279	12.7			
210	18.4	206	14.0	24.1	224	15.8	35.0	255	15.5	45.0	274	12.1			
215				20.3	212	15.0	32.4	247	14.9	42.9	268	11.6			
220							29.7	238	14.3	40.8	263	11.1			
225							26.6	229	13.8	38.5	256	10.7			
230							23.2	218	13.2	36.2	250	10.2			
235							19.2	204	12.7	33.7	242	9.8			
240										31.0	234	9.3			
245										28.1	225	8.9			
250										24.9	215	8.5			
255										21.2	203	8.2			
266													37.0	225	2.7
270													35.7	221	2.5
275													33.1	214	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	158.8												
40	70.3	215	158.8												
43				75.0	216	158.8									
45	65.5	213	154.7	72.7	215	152.3									
50	60.5	210	137.2	68.0	213	132.3									
55	55.2	206	121.1	63.2	211	116.8									
60	49.6	202	108.3	58.1	208	104.4									
65	43.4	197	97.8	52.6	204	94.3									
70	36.3	191	89.1	46.7	199	85.9									
71							67.0	209	75.7						
75	27.5	182	81.6	40.2	194	78.8	63.3	207	70.9						
80				32.4	186	72.7	58.1	204	65.5						
85				22.3	176	67.3	52.7	200	60.7						
90							46.8	195	56.5						
95							40.3	190	52.8						
100							32.6	183	49.5						
105							25.2	175	33.0						
105										57.0	194	40.2			
110										51.6	190	38.0			
115										45.6	186	35.9			
120										38.9	180	34.0			
125										32.9	174	32.3			
130										22.9	164	30.6			
163													37.0	149	15.6
165													35.7	148	15.5
170													26.8	139	14.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>76 ft luffing jib</b> <b>142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.8												
40	73.0	225	145.0												
45	68.9	223	142.8												
45				75.0	225	144.9									
50	64.7	221	137.0	71.1	224	132.0									
55	60.4	218	121.0	66.9	222	116.5									
60	55.8	215	108.2	62.7	219	104.2									
65	51.0	211	97.7	58.2	216	94.1									
70	45.8	206	89.0	53.6	212	85.7									
75	40.0	201	81.6	48.6	208	78.6	67.0	218	70.5						
80	33.4	193	75.3	43.1	203	72.5	62.8	215	65.1						
85	25.2	184	69.8	37.0	197	67.2	58.3	212	60.3						
90				29.8	189	62.6	53.7	209	56.2						
95				20.2	177	58.4	48.7	204	52.5						
100							43.2	199	49.3						
105							37.1	193	46.3						
110							29.9	185	43.7						
111										57.0	202	37.3			
115							23.0	177	33.0	52.7	199	35.5			
120										47.6	195	33.6			
125										43.4	191	31.9			
130										37.4	184	30.3			
135										30.2	176	28.8			
140										20.9	165	27.4			
171													37.0	155	14.1
175													32.9	150	13.8
180													24.5	140	13.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	129.9												
45	71.4	234	128.4												
48				75.0	235	129.1									
50	67.8	232	126.2	73.3	234	129.0									
55	64.1	230	120.8	69.8	232	116.2									
60	60.3	227	108.0	66.1	230	103.9									
65	56.2	223	97.5	62.3	228	93.8									
70	52.0	220	88.8	58.4	224	85.4									
75	47.5	215	81.5	54.3	221	78.4									
79							67.0	227	65.8						
80	42.7	210	75.2	49.9	217	72.3	66.2	226	64.6						
85	37.3	204	69.7	45.3	212	67.0	62.4	224	59.9						
90	31.1	196	64.0	40.2	206	62.4	58.5	221	55.8						
95	23.3	185	60.6	34.5	199	58.4	54.4	217	52.2						
100				27.7	191	54.7	50.0	213	48.9						
105							45.4	208	46.0						
110							40.3	203	43.4						
115							34.6	196	41.0						
116										57.0	211	34.7			
120							27.8	187	38.8	53.5	208	33.1			
125										50.2	204	31.5			
130										45.6	200	29.9			
135										40.5	194	28.5			
140										34.8	187	27.1			
145										28.1	179	25.9			
150										19.2	166	24.6			
179													37.0	161	12.7
180													36.8	161	12.7
185													30.6	153	12.2
190													22.6	142	11.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	114.5												
50	70.2	243	112.8												
50				75.0	244	114.4									
55	67.0	240	110.8	71.9	243	114.2									
60	63.6	238	107.8	68.7	241	103.7									
65	60.2	235	97.4	65.4	239	93.6									
70	56.6	232	88.7	62.0	236	85.3									
75	52.8	228	81.4	58.5	233	78.2									
80	48.9	224	75.1	54.8	230	72.1									
83							67.0	236	61.8						
85	44.7	219	69.6	51.0	226	66.9	65.5	235	59.7						
90	40.1	213	63.4	46.9	221	62.3	62.1	232	55.6						
95	35.0	207	60.6	42.6	216	58.3	58.6	229	52.0						
100	29.1	198	56.8	37.8	210	54.7	54.9	226	48.7						
105	21.7	187	53.4	32.3	202	51.4	51.1	222	45.8						
110				25.9	193	48.5	47.0	217	43.2						
115							42.6	212	40.9						
120							37.8	206	38.7						
121										57.0	219	32.1			
125							32.4	198	36.7	55.0	217	31.2			
130							26.0	189	34.9	51.2	213	29.7			
135										47.2	209	28.3			
140										42.8	203	26.9			
145										38.0	197	25.7			
150										32.6	190	24.5			
155										26.3	181	23.4			
160										17.7	167	22.4			
187													37.0	167	11.6
190													34.6	163	11.4
195													28.6	155	10.9
200													21.1	143	10.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	101.9												
53				75.0	254	102.4									
55	69.3	251	100.5	73.7	253	102.3									
60	66.3	249	98.1	70.8	251	101.5									
65	63.2	246	94.2	67.9	249	93.3									
70	60.1	244	88.4	64.9	247	84.9									
75	56.9	240	81.1	61.8	244	77.9									
80	53.5	237	74.8	58.6	241	71.9									
85	50.0	233	69.4	55.3	238	66.6									
87							67.0	245	57.9						
90	46.2	228	62.3	51.9	234	62.0	64.9	243	55.2						
95	42.2	223	59.6	48.2	230	58.0	61.8	241	51.5						
100	37.9	216	56.7	44.4	225	54.4	58.7	238	48.3						
105	33.0	209	53.3	40.2	219	51.2	55.4	234	45.5						
110	27.4	200	50.3	35.7	212	48.3	51.9	230	42.9						
115	22.2	191	27.7	30.5	204	45.6	48.3	226	40.5						
120				24.3	194	43.2	44.4	221	38.4						
125							40.3	215	36.4						
127										57.0	227	29.9			
130							35.8	209	34.6	55.5	226	29.2			
135							31.9	203	32.9	52.0	222	27.8			
140							26.0	193	31.5	48.4	217	26.5			
145										44.6	213	25.3			
150										40.5	207	24.1			
155										35.9	200	23.1			
160										30.8	192	22.1			
165										24.7	182	21.1			
170										16.5	168	20.2			
194													37.0	173	10.5
195													37.0	173	10.4
200													32.7	166	10.0
205													27.0	157	9.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	89.2												
55				75.0	263	89.9									
60	68.4	260	87.9	72.5	262	89.8									
65	65.7	258	85.6	69.9	260	89.0									
70	62.9	255	83.7	67.2	258	84.6									
75	60.1	252	80.8	64.4	256	77.6									
80	57.1	249	74.6	61.6	253	71.5									
85	54.0	245	69.1	58.7	250	66.3									
90	50.8	241	64.3	55.7	247	61.7									
90							67.0	254	54.4						
95	47.5	237	60.2	52.5	243	57.7	64.5	252	51.1						
100	43.9	232	56.4	49.3	239	54.1	61.6	249	47.9						
105	40.1	226	53.1	45.8	234	50.9	58.7	246	45.1						
110	36.0	219	50.1	42.2	228	48.0	55.7	243	42.5						
115	31.3	212	47.3	38.2	222	45.4	52.6	239	40.1						
120	26.0	202	44.8	33.9	215	43.0	49.3	235	38.0						
125	20.9	193	24.6	28.9	207	40.8	45.9	230	36.1						
130				23.0	196	38.8	42.2	225	34.3						
132										57.0	235	27.9			
135							39.2	220	32.7	55.8	234	27.4			
140							35.0	213	31.2	52.7	230	26.1			
145							30.2	205	29.7	49.5	226	24.9			
150							24.6	195	28.4	46.0	221	23.7			
155										42.4	216	22.7			
160										38.4	210	21.7			
165										34.1	203	20.8			
170										29.2	194	19.9			
175										23.4	184	19.0			
202													37.0	179	9.2
205													35.7	176	9.1
210													31.0	168	8.7
215													25.5	159	8.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	80.6									
60	70.2	270	79.3	73.9	272	80.6									
65	67.8	268	78.0	71.5	271	80.4									
70	65.2	266	76.1	69.1	269	79.5									
75	62.7	263	74.7	66.6	267	77.3									
80	60.0	261	73.1	64.0	264	71.3									
85	57.3	257	68.9	61.4	261	66.1									
90	54.5	254	60.9	58.7	258	61.5									
94							67.0	263	51.4						
95	51.6	250	59.6	56.0	255	57.5	66.6	263	50.8						
100	48.5	246	56.3	53.1	251	53.9	64.1	260	47.7						
105	45.3	241	52.9	50.1	247	50.7	61.5	258	44.8						
110	41.9	235	49.9	47.0	243	47.8	58.8	255	42.2						
115	38.3	229	47.2	43.8	238	45.2	56.0	251	39.9						
120	34.3	222	44.7	40.3	232	42.8	53.2	248	37.8						
125	29.9	214	42.5	36.5	225	40.7	50.2	243	35.8						
130	24.7	204	40.4	32.3	218	38.6	47.1	239	34.0						
135	19.8	194	22.0	27.5	209	36.8	44.6	235	32.5						
137										57.0	244	26.2			
140				21.8	197	35.1	41.2	229	31.0	56.1	243	25.8			
145							37.4	223	29.5	53.3	239	24.6			
150							33.4	216	28.2	50.3	235	23.5			
155							28.8	207	27.0	47.2	230	22.4			
160							23.4	197	25.8	43.9	225	21.4			
165										40.4	220	20.5			
170										36.7	213	19.7			
175										32.5	206	18.8			
180										27.8	197	18.0			
185										22.2	185	17.3			
210													37.0	184	8.3
215													34.0	179	8.0
220													29.5	171	7.7
225													24.3	160	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom                      135 ft luffing jib                      142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	71.0									
65	69.5	279	69.3	72.9	281	70.9									
70	67.2	277	68.0	70.7	279	70.5									
75	64.8	275	66.5	68.4	277	69.4									
80	62.4	272	61.0	66.1	275	68.1									
85	60.0	269	59.4	63.7	273	65.8									
90	57.5	266	57.5	61.3	270	61.2									
95	54.9	262	55.8	58.8	267	57.2									
98							67.0	272	48.4						
100	52.2	259	54.4	56.2	264	53.6	66.1	271	47.2						
105	49.4	254	52.7	53.6	260	50.4	63.7	269	44.4						
110	46.5	250	49.7	50.9	256	47.5	61.3	266	41.8						
115	43.4	245	47.0	48.0	252	44.9	58.8	263	39.5						
120	40.2	239	44.5	45.1	247	42.5	56.3	260	37.4						
125	36.7	232	42.2	41.9	241	40.4	53.7	256	35.4						
130	32.8	225	40.1	38.5	235	38.4	50.9	252	33.7						
135	28.5	216	38.2	34.9	228	36.5	48.8	249	32.1						
140	23.5	205	36.4	30.9	220	34.8	45.8	244	30.6						
143										57.0	252	24.4			
145				26.3	211	33.3	42.7	239	29.2	56.4	251	24.1			
150				22.2	202	22.8	39.4	233	27.9	53.8	248	23.0			
155							35.8	226	26.7	51.0	244	22.0			
160							31.9	218	25.5	48.2	239	21.0			
165							27.5	209	24.4	45.2	234	20.1			
170							22.3	198	23.4	42.1	229	19.3			
175										38.7	223	18.4			
180										35.1	216	17.7			
185										31.1	208	17.0			
190										26.6	199	16.3			
195										21.1	187	15.6			
218													37.0	190	7.3
220													36.4	189	7.2
225													32.5	182	6.9
230													28.2	173	6.5
235													23.1	162	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 144 ft luffing jib 142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	61.0									
75	66.7	285	57.2	69.9	288	60.0									
80	64.5	283	55.9	67.8	286	58.9									
85	62.2	280	54.9	65.6	284	57.6									
90	59.9	278	53.6	63.4	281	56.5									
95	57.6	274	52.1	61.2	278	55.7									
100	55.2	271	50.7	58.8	275	53.3									
102							67.0	281	45.7						
105	52.7	267	49.6	56.5	272	50.1	65.7	280	43.9						
110	50.1	263	48.5	54.0	269	47.2	63.4	277	41.4						
115	47.5	259	46.4	51.5	265	44.6	61.2	275	39.1						
120	44.7	254	44.2	48.9	260	42.2	58.9	272	37.0						
125	41.7	248	42.0	46.2	256	40.1	56.5	268	35.0						
130	38.6	242	39.9	43.3	250	38.1	54.1	265	33.3						
135	35.2	235	38.0	40.3	245	36.3	52.1	262	31.7						
140	31.5	227	36.2	37.0	238	34.6	49.6	258	30.2						
145	27.4	218	34.6	34.4	233	23.9	46.9	253	28.8						
148										57.0	260	22.7			
150	23.7	210	19.5	30.6	225	22.9	44.0	248	27.5	56.6	260	22.6			
155				26.3	215	21.9	41.0	242	26.3	54.2	256	21.5			
160				21.2	203	20.9	37.9	236	25.2	51.6	252	20.6			
165							34.4	229	24.1	49.0	248	19.7			
170							30.6	221	23.1	46.3	243	18.8			
175							26.4	211	22.2	43.5	238	18.0			
180							21.3	199	21.3	40.4	232	17.3			
185										37.2	226	16.6			
190										33.7	219	15.9			
195										29.9	210	15.2			
200										25.4	200	14.6			
205										20.1	188	14.0			
226													37.0	196	6.3
230													35.0	192	6.1
235													31.2	184	5.8
240													27.0	175	5.5
245													22.1	163	5.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	53.4									
80	66.2	294	50.0	69.3	296	52.8									
85	64.1	292	49.1	67.3	294	52.1									
90	62.0	289	48.3	65.2	292	51.2									
95	59.9	286	47.2	63.2	290	50.5									
100	57.7	283	46.0	61.0	287	49.9									
105	55.5	280	44.9	58.9	284	49.1									
106							67.0	290	43.2						
110	53.2	276	44.0	56.7	281	47.0	65.3	288	41.1						
115	50.8	272	43.2	54.4	277	44.4	63.2	286	38.8						
120	48.3	267	41.8	52.0	273	42.0	61.1	283	36.7						
125	45.7	263	40.4	49.6	269	39.8	58.9	280	34.8						
130	43.0	257	39.0	47.1	264	37.9	57.2	278	33.0						
135	40.2	252	37.8	44.5	259	36.0	55.0	274	31.5						
140	37.2	245	36.0	41.7	254	34.4	52.6	270	30.0						
145	33.9	238	34.4	39.5	249	33.8	50.2	266	28.6						
150	31.2	232	19.2	36.4	243	22.4	47.7	262	27.3						
153										57.0	268	21.3			
155	27.3	223	18.4	33.1	235	21.4	45.1	257	26.1	56.8	268	21.2			
160	22.8	211	17.7	29.4	227	20.5	42.4	251	24.9	54.5	265	20.3			
165				25.3	217	19.6	39.5	246	23.9	52.2	261	19.4			
170				20.3	204	18.7	36.5	239	22.9	49.8	257	18.5			
175							33.1	232	22.0	47.2	252	17.8			
180							29.5	223	21.1	44.6	247	17.0			
185							25.3	213	20.2	41.9	242	16.3			
190							20.4	201	19.4	39.0	236	15.6			
195										35.8	229	15.0			
200										32.5	221	14.4			
205										28.7	213	13.8			
210										24.4	202	13.2			
215										19.3	189	12.7			
234													37.0	202	5.5
235													36.9	202	5.5
240													33.7	195	5.2
245													30.0	186	4.9
250													26.0	177	4.6
255													21.2	165	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.3									
85	65.8	302	44.3	68.7	305	47.1									
90	63.9	300	43.6	66.8	303	46.7									
95	61.9	297	43.0	64.9	301	46.2									
100	59.9	295	42.0	62.9	298	45.7									
105	57.8	291	41.1	60.9	295	45.3									
110							67.0	299	40.9						
110	55.7	288	40.2	58.9	292	44.6	66.9	299	40.7						
115	53.6	284	39.4	56.8	289	44.0	64.9	297	38.4						
120	51.3	280	38.7	54.7	286	41.7	63.0	294	36.3						
125	49.0	276	37.9	52.5	282	39.5	61.0	291	34.4						
130	46.6	272	36.9	50.3	278	37.5	59.4	289	32.7						
135	44.2	266	35.9	47.9	273	35.7	57.4	286	31.1						
140	41.6	261	35.1	45.5	268	34.0	55.2	283	29.6						
145	38.8	255	34.1	43.5	264	25.1	53.1	279	28.2						
150	36.6	250	19.3	40.9	259	23.2	50.8	275	26.9						
155	33.5	242	18.5	38.1	253	21.6	48.5	271	25.7						
159										57.0	277	19.9			
160	30.1	234	17.7	35.1	246	20.2	46.1	266	24.6	56.9	277	19.8			
165	26.3	224	16.9	31.9	238	19.4	43.6	261	23.5	54.8	273	19.0			
170	21.9	213	16.2	28.4	229	18.6	41.0	255	22.5	52.6	269	18.1			
175				24.3	219	17.8	38.2	249	21.6	50.4	265	17.3			
180				19.5	206	17.0	35.2	242	20.7	48.0	261	16.6			
185							32.0	234	19.9	45.6	256	15.9			
190							28.4	225	19.1	43.1	251	15.2			
195							24.4	215	18.4	40.4	245	14.6			
200							19.6	202	17.6	37.6	239	14.0			
205										34.6	232	13.4			
210										31.3	224	12.9			
215										27.7	215	12.3			
220										23.5	204	11.8			
225										18.5	190	11.3			
242													37.0	208	4.6
245													35.7	205	4.5
250													32.5	197	4.2
255													29.0	189	3.9
260													25.0	179	3.7
265													20.3	166	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	41.1									
95	63.6	309	38.8	66.4	311	40.7									
100	61.8	306	38.4	64.6	309	40.2									
105	59.9	303	37.7	62.7	307	39.8									
110	57.9	300	37.0	60.9	304	39.4									
114							67.0	308	38.6						
115	55.9	297	36.4	58.9	301	38.9	66.4	308	38.0						
120	53.9	293	35.9	57.0	298	38.4	64.6	305	35.9						
125	51.8	289	35.4	55.0	294	37.9	62.8	303	34.0						
130	49.7	285	34.9	52.9	290	37.2	61.3	301	32.3						
135	47.4	280	34.2	50.8	286	35.4	59.4	298	30.7						
140	45.1	275	33.5	48.6	282	33.7	57.5	295	29.2						
145	43.3	271	21.7	46.9	278	26.9	55.5	291	27.8						
150	40.8	266	20.3	44.6	273	24.8	53.4	287	26.5						
155	38.2	259	18.9	42.1	268	22.8	51.3	284	25.3						
160	35.4	253	17.7	39.6	262	21.0	49.2	279	24.2						
164										57.0	285	18.6			
165	32.4	245	17.1	36.9	256	19.4	46.9	275	23.2	57.0	285	18.5			
170	29.1	236	16.5	34.0	248	18.5	44.6	270	22.2	55.1	282	17.7			
175	25.4	226	15.9	30.9	240	17.8	42.2	264	21.3	53.0	278	16.9			
180	21.1	214	15.4	27.4	231	17.1	39.6	258	20.4	50.9	274	16.2			
185				23.4	220	16.4	36.9	252	19.6	48.7	270	15.5			
190				18.7	207	15.8	34.0	245	18.8	46.5	265	14.8			
195							30.9	237	18.0	44.1	260	14.2			
200							27.5	227	17.3	41.7	254	13.6			
205							23.5	216	16.6	39.1	248	13.0			
210										36.4	242	12.5			
215										33.4	234	12.0			
220										30.3	226	11.5			
225										26.7	217	11.0			
230										22.7	205	10.5			
235										17.7	191	10.1			
250													37.0	214	3.7
250													37.0	214	3.7
255													34.5	208	3.5
260													31.4	200	3.2
265													28.0	191	3.0
270													24.1	180	2.8
275													19.6	167	2.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	35.8									
105	61.6	314	34.6	64.3	318	35.3									
110	59.8	311	34.1	62.6	315	35.0									
115	58.0	308	33.7	60.8	312	34.6									
117							67.0	317	34.3						
120	56.1	305	33.3	59.0	309	34.1	66.1	316	34.3						
125	54.7	302	28.3	57.1	306	33.7	64.4	314	33.7						
130	52.7	299	27.5	55.2	303	33.3	63.0	312	31.6						
135	50.7	295	26.8	53.8	300	29.1	61.2	309	30.4						
140	48.6	290	25.1	51.8	296	28.6	59.4	306	28.9						
145	46.5	286	23.4	49.7	292	27.1	57.6	303	27.5						
150	44.3	280	21.7	47.6	287	25.2	55.7	300	26.2						
155	42.0	275	20.2	45.5	282	23.5	53.8	296	25.1						
160	39.6	269	18.7	43.2	277	21.8	51.8	292	23.9						
165	37.0	263	17.5	40.9	272	20.2	49.8	288	22.9						
169										57.0	293	17.4			
170	34.3	255	16.5	38.4	265	18.8	47.7	283	21.9	57.0	293	17.3			
175	31.4	247	16.1	35.7	259	17.6	45.5	279	21.0	55.3	290	16.6			
180	28.1	238	15.7	32.9	251	17.1	43.3	273	20.1	53.4	287	15.9			
185	24.5	228	15.2	29.9	243	16.5	40.9	268	19.3	51.4	283	15.2			
190	20.3	216	14.8	26.5	233	16.0	38.4	262	18.5	49.4	278	14.5			
195				22.7	222	15.4	35.8	255	17.8	47.3	274	13.9			
200				18.0	208	14.8	33.0	247	17.1	45.1	269	13.3			
205							29.9	239	16.4	42.8	264	12.7			
210							26.6	229	15.8	40.4	258	12.2			
215							22.7	218	15.2	37.9	252	11.7			
220										35.3	245	11.2			
225										32.4	237	10.7			
230										29.3	228	10.3			
235										25.9	219	9.9			
240										21.9	207	9.4			
245										17.1	192	9.0			
257													37.0	220	3.0
260													36.2	218	2.9
265													33.4	210	2.7
270													30.4	202	2.4
275													27.1	193	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	27.5									
121							67.0	326	27.5						
125	56.7	314	25.6	59.4	319	27.0	66.1	325	27.5						
130	54.9	311	25.0	57.7	315	26.5	64.5	323	27.5						
135	53.1	307	24.5	55.9	312	26.0	62.8	320	27.3						
140	51.2	303	24.1	54.1	308	25.6	61.1	318	27.0						
145	49.2	299	23.1	52.2	305	25.2	59.4	315	26.8						
150	47.2	294	21.9	50.3	300	24.5	57.7	312	25.9						
155	45.2	289	20.8	48.3	296	23.3	55.9	308	24.7						
160	43.0	284	19.7	46.3	291	22.2	54.1	305	23.6						
165	40.8	278	18.7	44.2	286	21.1	52.2	301	22.5						
170	38.4	272	17.8	42.0	281	20.1	50.3	297	21.5						
175										57.0	302	16.1			
175	35.9	266	17.0	39.7	275	19.1	48.3	292	20.6	57.0	302	16.0			
180	33.3	258	16.3	37.3	268	18.3	46.3	288	19.8	55.6	299	15.4			
185	30.4	250	15.7	34.7	261	17.5	44.2	282	18.9	53.7	295	14.7			
190	27.3	241	15.1	32.0	254	16.8	42.0	277	18.2	51.8	291	14.1			
195	23.8	230	14.5	29.0	245	16.0	39.7	271	17.4	49.9	287	13.5			
200	19.6	217	13.9	25.7	235	15.3	37.3	265	16.7	47.9	283	12.9			
205				21.9	223	14.5	34.7	258	16.1	45.9	278	12.3			
210							32.0	250	15.4	43.8	273	11.8			
215							29.0	241	14.8	41.6	267	11.3			
220							25.7	231	14.3	39.2	261	10.8			
225							22.0	220	13.7	36.8	255	10.4			
230										34.2	247	9.9			
235										31.4	239	9.5			
240										28.4	231	9.1			
245										25.0	220	8.7			
250										21.2	208	8.3			
255										16.4	193	7.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.6	65.8	334	23.9						
135	55.1	319	22.3	57.7	324	23.3	64.3	331	23.9						
140	53.4	316	22.0	56.1	321	23.0	62.7	329	23.7						
145	51.6	312	21.7	54.3	317	22.7	61.1	326	23.5						
150	49.8	308	21.2	52.6	313	22.5	59.4	323	23.3						
155	47.9	303	20.4	50.7	309	22.1	57.8	320	23.1						
160	45.9	298	19.7	48.9	305	21.5	56.1	317	22.9						
165	43.9	293	19.1	47.0	300	20.8	54.4	313	22.1						
170	41.8	288	18.4	45.0	295	20.2	52.6	309	21.2						
175	39.6	282	17.8	42.9	290	19.6	50.8	305	20.2						
180	37.3	275	17.3	40.8	284	19.1	48.9	301	19.4						
180										57.0	310	14.8			
185	34.9	268	16.8	38.6	278	18.6	47.0	296	18.6	55.7	307	14.3			
190	32.3	261	16.1	36.2	271	18.1	45.0	291	17.8	54.0	304	13.7			
195	29.5	252	15.3	33.7	264	17.3	43.0	286	17.1	52.2	300	13.0			
200	26.5	243	14.6	31.0	256	16.4	40.8	280	16.4	50.4	296	12.5			
205	23.0	231	13.8	28.1	247	15.6	38.6	274	15.7	48.5	291	11.9			
210	19.0	218	13.1	24.9	237	14.7	36.3	268	15.1	46.6	287	11.4			
215				21.2	225	13.8	33.8	260	14.5	44.6	282	10.9			
220							31.1	252	13.9	42.6	276	10.4			
225							28.2	243	13.4	40.4	271	10.0			
230							25.0	233	12.8	38.2	264	9.5			
235							21.3	221	12.3	35.8	258	9.1			
240										33.3	250	8.7			
245										30.5	242	8.3			
250										27.6	233	7.9			
255										24.3	222	7.6			
260										20.5	210	7.2			
265										15.8	194	6.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

152

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 66 ft luffing jib 152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	128.3												
44				75.0	226	128.3									
45	66.2	223	128.3	73.8	225	128.3									
50	61.2	220	128.3	69.2	223	128.3									
55	56.0	217	120.9	64.4	221	116.1									
60	50.4	213	108.1	59.3	218	103.8									
65	44.3	208	97.7	54.0	215	93.8									
70	37.3	202	88.9	48.2	210	85.4									
74							67.0	218	71.2						
75	28.9	193	81.5	41.8	205	78.4	65.8	218	69.7						
80				34.4	198	72.3	60.8	215	64.3						
85				25.1	189	66.9	55.5	211	59.7						
90							49.9	207	55.6						
95							43.7	202	51.9						
100							36.7	196	48.7						
105							28.1	188	45.8						
109										57.0	203	36.9			
110										56.2	203	36.6			
115										50.6	199	34.6			
120										46.0	195	32.8			
125										39.3	189	31.1			
130										31.4	182	29.5			
170													37.0	156	13.3
175													30.6	150	12.7
180													19.4	138	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	128.3												
45	69.5	233	128.3												
46				75.0	235	128.3									
50	65.3	231	127.5	72.0	234	128.3									
55	61.0	228	120.8	67.9	232	115.8									
60	56.5	225	108.0	63.7	229	103.6									
65	51.7	221	97.5	59.3	227	93.5									
70	46.5	217	88.8	54.7	223	85.2									
75	40.8	211	81.5	49.8	219	78.2									
78							67.0	227	66.4						
80	34.4	204	75.2	44.5	214	72.1	64.9	226	63.9						
85	26.5	195	69.6	38.6	208	66.9	60.6	223	59.3						
90				31.7	201	62.2	56.1	220	55.2						
95				22.9	190	58.1	51.3	216	51.6						
100							46.1	211	48.4						
105							40.3	206	45.5						
110							33.8	199	42.9						
115										57.0	211	34.2			
115							25.7	189	40.5	56.7	211	34.1			
120										53.0	208	32.4			
125										48.0	204	30.7			
130										42.5	199	29.2			
135										36.3	192	27.7			
140										28.9	184	26.4			
178													37.0	162	11.9
180													35.6	160	11.8
185													28.1	152	11.2
190													17.6	139	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>85 ft luffing jib</b> <b>152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	123.4												
45	71.9	244	121.6												
49				75.0	245	122.5									
50	68.3	242	119.2	74.2	244	122.5									
55	64.6	240	115.7	70.6	243	115.5									
60	60.8	237	107.8	67.0	240	103.2									
65	56.8	234	97.3	63.2	238	93.2									
70	52.6	230	88.6	59.3	235	84.9									
75	48.2	226	81.3	55.3	232	77.9									
80	43.4	221	75.0	51.0	228	71.9									
81							67.0	236	62.1						
85	38.1	214	69.6	46.4	223	66.6	64.3	235	58.8						
90	32.0	207	64.0	41.5	218	62.1	60.5	232	54.8						
95	24.5	197	60.4	35.9	211	58.0	56.5	229	51.2						
100				29.4	203	54.4	52.3	225	48.0						
105				23.3	195	32.4	47.8	220	45.2						
110							42.9	215	42.6						
115							37.6	209	40.3						
120							31.4	201	38.1	57.0	220	31.5			
125							23.8	191	36.1	53.8	217	30.2			
130										49.4	213	28.7			
135										44.7	208	27.3			
140										39.6	202	26.0			
145										33.8	195	24.8			
150										26.8	186	23.7			
186													37.0	168	10.6
190													33.2	163	10.3
195													26.0	154	9.8
200													16.0	139	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 95 ft luffing jib 152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	110.0												
50	70.7	253	108.0												
51				75.0	254	110.0									
55	67.4	251	105.8	72.7	253	109.8									
60	64.1	248	102.9	69.5	251	103.1									
65	60.7	245	97.2	66.2	249	93.1									
70	57.1	242	88.5	62.8	246	84.8									
75	53.4	239	81.2	59.4	244	77.7									
80	49.4	234	74.9	55.7	240	71.7									
85	45.3	230	69.5	51.9	236	66.5									
85							67.0	245	58.4						
90	40.7	224	62.5	47.9	232	61.9	63.8	243	54.5						
95	35.7	217	60.5	43.6	227	57.9	60.4	240	51.0						
100	30.0	209	56.7	39.0	221	54.3	56.8	237	47.8						
105	22.9	199	53.3	33.7	214	51.1	53.1	233	45.0						
110				27.6	205	48.2	49.1	229	42.4						
115				21.7	196	29.9	44.9	224	40.1						
120							40.3	219	38.0						
125							35.3	212	36.0						
125										57.0	228	29.5			
130							29.4	203	34.2	54.4	225	28.5			
135							24.1	195	32.6	50.6	221	27.1			
140										46.5	217	25.8			
145										42.0	211	24.6			
150										37.2	205	23.5			
155										31.7	197	22.5			
160										25.0	188	21.5			
194													37.0	174	9.6
195													36.7	173	9.6
200													31.1	165	9.1
205													24.3	155	8.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	95.9												
54				75.0	264	97.5									
55	69.7	261	94.5	74.4	263	97.4									
60	66.7	259	92.1	71.5	262	96.4									
65	63.7	257	89.6	68.6	260	92.7									
70	60.5	254	87.5	65.6	257	84.4									
75	57.3	251	81.0	62.5	255	77.4									
80	54.0	247	74.7	59.4	252	71.4									
85	50.5	243	69.3	56.1	249	66.2									
89							67.0	254	54.8						
90	46.8	239	62.3	52.7	245	61.7	66.5	254	54.1						
95	42.8	233	59.1	49.1	241	57.6	63.4	252	50.6						
100	38.5	227	56.3	45.3	236	54.1	60.3	249	47.4						
105	33.7	220	53.2	41.3	230	50.9	57.1	246	44.6						
110	28.3	211	50.2	36.8	224	48.0	53.7	242	42.0						
115	21.5	200	47.4	31.8	216	45.4	50.2	238	39.7						
120				25.9	207	42.9	46.4	233	37.6						
125							42.5	228	35.7						
130							38.1	222	33.9						
131										57.0	236	27.5			
135							34.5	216	32.4	54.9	234	26.6			
140							29.1	208	30.8	51.5	230	25.4			
145							22.6	197	29.4	47.8	226	24.2			
150										43.9	221	23.1			
155										39.7	215	22.1			
160										35.1	208	21.1			
165										29.9	200	20.2			
170										23.5	189	19.3			
201													37.0	180	8.5
205													34.6	176	8.3
210													29.3	168	7.9
215													22.8	157	7.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	85.5												
57				75.0	273	87.0									
60	68.8	270	84.2	73.2	272	86.9									
65	66.1	268	82.0	70.5	270	86.4									
70	63.3	265	80.1	67.8	268	84.1									
75	60.5	262	78.3	65.1	266	77.1									
80	57.5	259	74.4	62.3	263	71.1									
85	54.5	256	69.0	59.4	260	65.9									
90	51.3	252	63.7	56.4	257	61.3									
93							67.0	263	51.5						
95	48.0	247	60.1	53.3	254	57.3	65.9	262	50.1						
100	44.4	242	56.3	50.1	249	53.8	63.1	260	47.0						
105	40.7	237	53.0	46.7	245	50.6	60.2	257	44.2						
110	36.6	230	50.0	43.1	240	47.7	57.3	254	41.6						
115	32.0	223	47.3	39.2	234	45.1	54.2	250	39.3						
120	26.8	213	44.8	35.0	227	42.7	51.0	246	37.2						
125	20.2	201	42.5	30.2	219	40.5	47.7	242	35.3						
130				24.5	208	38.5	44.1	237	33.6						
135							41.3	233	32.0						
136										57.0	244	25.6			
140							37.2	226	30.5	55.3	242	24.9			
145							32.7	219	29.1	52.2	239	23.8			
150							27.6	210	27.8	48.9	234	22.7			
155							21.3	198	26.6	45.4	230	21.7			
160										41.7	224	20.7			
165										37.8	218	19.8			
170										33.3	211	19.0			
175										28.3	202	18.2			
180										22.2	191	17.4			
209													37.0	185	7.4
210													37.0	185	7.4
215													32.9	179	7.1
220													27.8	170	6.7
225													21.5	158	6.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	77.3									
60	70.6	280	75.1	74.5	282	77.3									
65	68.1	278	73.8	72.1	281	77.1									
70	65.6	276	72.1	69.7	279	76.3									
75	63.0	274	70.6	67.2	277	75.3									
80	60.4	271	69.2	64.6	274	70.9									
85	57.7	268	67.3	62.0	272	65.7									
90	54.9	264	59.6	59.4	269	61.1									
95	52.0	260	58.1	56.6	266	57.1									
97							67.0	273	48.7						
100	49.0	256	55.8	53.8	262	53.6	65.4	271	46.7						
105	45.8	251	52.8	50.9	258	50.4	62.8	268	43.9						
110	42.4	246	49.8	47.8	254	47.5	60.2	266	41.4						
115	38.8	240	47.1	44.6	249	44.9	57.4	263	39.1						
120	34.9	233	44.6	41.1	243	42.6	54.6	259	37.0						
125	30.5	225	42.4	37.4	237	40.4	51.7	255	35.1						
130	25.4	215	40.3	33.3	229	38.4	48.7	251	33.3						
135	20.8	206	20.7	28.7	221	36.6	46.3	247	31.8						
140				23.3	210	34.8	42.9	242	30.3						
141															
145							39.4	236	28.9	57.0	253	24.0			
150							35.5	229	27.6	55.7	251	23.5			
155							31.2	221	26.4	52.8	247	22.4			
160							26.3	212	25.3	49.8	243	21.4			
165							20.2	200	24.2	46.7	238	20.4			
170										43.4	233	19.6			
175										39.8	227	18.7			
180										36.0	221	17.9			
185										31.8	213	17.2			
190										26.9	204	16.5			
190										21.1	192	15.8			
217													37.0	191	6.6
220													35.6	189	6.5
225													31.3	181	6.1
230													26.4	172	5.8
235													20.4	160	5.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	69.1									
65	69.8	289	66.8	73.5	291	69.0									
70	67.5	287	65.5	71.2	289	68.7									
75	65.1	285	60.5	68.9	288	67.8									
80	62.8	282	59.2	66.6	285	66.7									
85	60.3	279	57.7	64.3	283	62.3									
90	57.8	276	55.8	61.9	280	60.8									
95	55.2	273	54.1	59.4	277	56.8									
100	52.6	269	52.6	56.9	274	53.2									
101							67.0	282	45.9						
105	49.8	265	51.2	54.2	271	50.1	64.9	280	43.5						
110	46.9	260	48.6	51.5	267	47.2	62.6	277	40.9						
115	43.9	255	46.2	48.7	262	44.6	60.1	274	38.7						
120	40.6	249	44.1	45.8	258	42.3	57.6	271	36.6						
125	37.2	243	42.1	42.7	252	40.1	55.0	268	34.7						
130	33.4	236	40.1	39.4	246	38.1	53.0	265	33.0						
135	29.2	227	38.1	35.8	240	36.3	50.2	261	31.4						
140	24.3	217	36.1	31.9	232	34.6	47.3	256	29.9						
145	19.7	207	19.1	28.6	225	22.4	44.3	251	28.6						
147										57.0	261	22.4			
150				23.5	214	21.4	41.1	245	27.3	55.9	259	21.9			
155							37.7	239	26.1	53.3	256	20.9			
160							34.0	232	25.0	50.6	252	20.0			
165							29.8	224	23.9	47.7	247	19.1			
170							25.1	214	22.9	44.7	242	18.3			
175							19.2	201	21.9	41.5	237	17.5			
180										38.1	231	16.8			
185										34.5	224	16.1			
190										30.4	215	15.4			
195										25.7	206	14.8			
200										20.0	193	14.2			
225													37.0	197	5.6
230													34.1	192	5.4
235													30.0	183	5.1
240													25.2	173	4.8
245													19.4	161	4.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	58.3									
75	67.0	296	54.6	70.4	298	57.8									
80	64.8	293	53.3	68.3	296	56.8									
85	62.5	291	52.3	66.1	294	55.7									
90	60.3	288	51.1	63.9	291	54.6									
95	57.9	285	49.6	61.7	289	53.7									
100	55.5	281	48.2	59.4	286	52.5									
105							67.0	291	43.3						
105	53.1	278	47.0	57.0	283	49.7	66.8	290	43.0						
110	50.5	274	46.0	54.6	279	46.9	64.6	288	40.5						
115	47.8	269	44.1	52.1	275	44.3	62.3	285	38.2						
120	45.1	264	42.1	49.5	271	41.9	60.1	283	36.2						
125	42.1	259	40.3	46.8	267	39.8	57.7	279	34.3						
130	39.0	253	38.7	44.0	261	37.8	55.9	277	32.6						
135	35.7	246	37.3	41.0	256	36.0	53.4	273	31.0						
140	32.0	238	35.6	37.8	250	34.3	50.9	269	29.6						
145	28.0	229	33.8	35.2	244	21.6	48.2	265	28.2						
150	24.4	221	18.3	31.5	236	20.7	45.5	260	26.9						
152										57.0	269	20.8			
155	18.8	208	17.5	27.4	227	19.9	42.6	255	25.7	56.2	268	20.5			
160				22.5	216	19.0	39.5	249	24.6	53.7	264	19.6			
165							36.2	242	23.6	51.2	260	18.7			
170							32.6	235	22.6	48.6	256	17.9			
175							28.6	226	21.7	45.8	251	17.1			
180							24.0	215	20.8	43.0	246	16.4			
185							18.3	202	19.9	39.9	240	15.7			
190										36.6	234	15.1			
195										33.1	226	14.4			
200										29.2	218	13.8			
205										24.6	207	13.3			
233													37.0	203	4.7
235													36.3	202	4.6
240													32.7	194	4.3
245													28.8	186	4.1
250													24.2	175	3.8
255													18.5	162	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	52.0									
80	66.5	304	48.4	69.8	307	51.2									
85	64.4	302	47.4	67.8	305	50.6									
90	62.3	299	46.6	65.7	302	49.7									
95	60.2	296	45.6	63.7	300	48.9									
100	58.0	293	44.3	61.6	297	48.2									
105	55.8	290	43.2	59.4	294	47.2									
108							67.0	300	41.0						
110	53.5	286	42.2	57.2	291	46.2	66.3	299	40.2						
115	51.1	282	41.3	54.9	288	44.1	64.3	297	38.0						
120	48.6	278	40.1	52.6	284	41.7	62.2	294	35.9						
125	46.1	273	38.7	50.2	280	39.6	60.0	291	34.0						
130	43.4	268	37.3	47.7	275	37.6	58.4	289	32.3						
135	40.6	262	36.1	45.1	270	35.8	56.1	285	30.8						
140	37.6	256	34.9	42.4	265	34.1	53.8	282	29.3						
145	34.4	249	33.9	40.2	261	22.7	51.5	278	27.9						
150	31.7	243	18.2	37.2	254	21.2	49.0	274	26.7						
155	27.9	234	17.5	33.9	247	20.1	46.5	269	25.5						
158										57.0	277	19.5			
160	23.4	223	16.7	30.3	239	19.3	43.8	264	24.4	56.4	277	19.3			
165				26.3	229	18.5	41.0	258	23.3	54.1	273	18.4			
170				21.6	217	17.6	38.1	252	22.3	51.8	269	17.6			
175							34.9	245	21.4	49.3	265	16.8			
180							31.4	237	20.6	46.8	260	16.1			
185							27.5	228	19.7	44.2	255	15.4			
190							23.0	217	18.9	41.4	250	14.8			
195										38.4	243	14.2			
200										35.3	237	13.6			
205										31.9	229	13.0			
210										28.0	220	12.5			
215										23.6	209	12.0			
241													37.0	209	3.9
245													35.0	205	3.8
250													31.5	197	3.5
255													27.6	188	3.3
260													23.2	177	3.0
265													17.6	163	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 164 ft luffing jib 152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	45.0									
90	64.1	310	41.6	67.3	313	44.5									
95	62.2	308	41.0	65.4	311	43.8									
100	60.2	305	40.1	63.4	308	43.2									
105	58.1	302	39.0	61.4	306	42.8									
110	56.0	298	38.1	59.4	303	42.0									
112							67.0	309	38.8						
115	53.9	295	37.3	57.3	300	41.2	65.9	307	37.5						
120	51.6	291	36.6	55.2	296	40.5	64.0	305	35.5						
125	49.3	287	35.8	53.0	293	39.2	62.0	302	33.6						
130	47.0	282	34.8	50.8	289	37.3	60.5	300	31.9						
135	44.5	277	33.9	48.5	284	35.5	58.4	297	30.4						
140	41.9	272	33.1	46.1	279	33.8	56.3	294	28.9						
145	39.8	267	19.7	44.2	275	25.1	54.2	290	27.5						
150	37.0	260	18.3	41.6	270	23.0	52.0	286	26.3						
155	33.9	253	17.2	38.8	264	21.1	49.7	282	25.1						
160	30.6	245	16.6	35.9	257	19.5	47.3	278	24.0						
163										57.0	286	18.1			
165	26.8	236	15.9	32.7	250	18.7	44.9	273	23.0	56.6	285	17.9			
170	22.5	224	15.2	29.2	241	17.9	42.3	267	22.0	54.5	281	17.1			
175				25.3	231	17.1	39.6	262	21.1	52.3	278	16.4			
180				20.7	219	16.3	36.7	255	20.2	50.0	274	15.7			
185							33.7	248	19.4	47.6	269	15.0			
190							30.3	239	18.6	45.2	264	14.4			
195							26.5	230	17.9	42.7	259	13.8			
200							22.1	218	17.2	40.0	253	13.2			
205										37.1	247	12.6			
210										34.1	239	12.1			
215										30.7	231	11.6			
220										27.0	222	11.1			
225										22.7	211	10.7			
249													37.0	215	3.0
250													36.8	215	3.0
255													33.8	207	2.8
260													30.4	199	2.5
265													26.6	190	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	40.0									
95	63.9	319	37.4	66.9	322	39.6									
100	62.0	316	36.9	65.0	319	39.0									
105	60.1	313	36.2	63.2	317	38.6									
110	58.2	310	35.4	61.3	314	38.2									
115	56.2	307	34.7	59.4	311	37.6									
116							67.0	318	36.7						
120	54.2	303	34.0	57.5	308	37.0	65.6	316	35.0						
125	52.1	299	33.5	55.5	305	36.5	63.7	314	33.2						
130	50.5	296	26.7	53.4	301	36.0	62.3	312	31.5						
135	48.3	292	24.7	51.3	297	35.1	60.4	309	30.0						
140	46.0	287	22.9	49.2	293	33.5	58.5	306	28.5						
145	43.6	282	21.1	47.4	289	26.4	56.5	302	27.1						
150	41.2	276	19.5	45.1	284	24.3	54.5	299	25.9						
155	38.5	270	18.0	42.7	279	22.3	52.4	295	24.7						
160	35.8	263	16.7	40.2	273	20.6	50.3	291	23.6						
165	32.8	256	16.0	37.5	267	19.0	48.1	287	22.6						
168										57.0	294	16.8			
170	29.5	247	15.5	34.7	260	17.8	45.8	282	21.6	56.8	294	16.7			
175	25.9	238	15.0	31.6	252	17.1	43.4	277	20.7	54.8	290	15.9			
180	21.7	226	14.5	28.3	243	16.5	40.9	271	19.9	52.7	286	15.2			
185				24.5	233	15.8	38.3	265	19.0	50.6	282	14.6			
190				20.0	220	15.1	35.5	258	18.3	48.4	278	13.9			
195							32.5	250	17.6	46.1	273	13.3			
200							29.3	242	16.9	43.7	268	12.8			
205							25.6	232	16.2	41.3	262	12.2			
210							21.3	220	15.6	38.7	256	11.7			
215										35.9	249	11.2			
220										32.9	242	10.7			
225										29.7	234	10.3			
230										26.1	224	9.8			
235										21.9	212	9.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	34.7									
105	62.3	325	31.1	64.7	328	34.3									
110	60.5	322	30.3	63.0	325	34.0									
115	58.7	319	29.2	61.2	323	33.7									
120							67.0	327	33.6						
120	56.8	316	28.2	59.4	320	33.2	67.0	327	33.6						
125	54.9	313	27.3	58.0	317	29.5	65.6	325	31.1						
130	53.0	309	26.5	56.1	314	28.7	63.9	323	31.0						
135	51.0	305	25.8	54.2	311	28.1	62.1	320	29.7						
140	48.9	301	24.2	52.3	307	27.5	60.4	317	28.2						
145	46.8	296	22.4	50.2	303	26.4	58.5	314	26.9						
150	44.6	291	20.7	48.2	298	24.6	56.7	311	25.6						
155	42.3	286	19.2	46.0	293	22.8	54.8	307	24.4						
160	39.9	280	17.7	43.8	288	21.2	52.8	304	23.3						
165	37.4	273	16.4	41.4	283	19.7	50.8	300	22.3						
170	34.7	266	15.4	39.0	277	18.3	48.8	295	21.3						
174										57.0	302	15.7			
175	31.8	258	15.0	36.4	270	17.0	46.6	291	20.4	56.9	302	15.6			
180	28.6	250	14.6	33.6	263	16.3	44.4	286	19.6	55.0	299	14.9			
185	25.1	239	14.2	30.6	255	15.7	42.1	280	18.8	53.1	295	14.3			
190	21.0	227	13.8	27.3	245	15.1	39.7	274	18.0	51.1	291	13.6			
195				23.6	234	14.5	37.1	268	17.3	49.0	287	13.0			
200				19.2	221	13.9	34.4	261	16.6	46.9	282	12.5			
205							31.5	253	16.0	44.7	277	11.9			
210							28.3	244	15.3	42.4	272	11.4			
215							24.8	234	14.7	40.0	266	10.9			
220							20.6	221	14.1	37.5	259	10.5			
225										34.8	252	10.0			
230										31.9	245	9.6			
235										28.8	236	9.2			
240										25.2	226	8.8			
245										21.2	214	8.4			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.8									
120	58.7	328	25.9	61.5	332	27.5									
124							67.0	336	27.3						
125							67.0	336	27.3						
130	57.0	325	25.1	59.8	329	26.8	67.0	336	27.3						
135	55.2	321	24.3	58.1	326	26.1	65.3	334	27.2						
140	53.3	318	23.7	56.3	323	25.5	63.7	331	27.2						
145	51.4	314	23.1	54.5	319	25.0	62.0	329	26.9						
145	49.5	309	22.2	52.6	315	24.5	60.3	326	26.5						
150	47.5	305	21.0	50.7	311	23.9	58.6	323	25.2						
155	45.4	300	19.9	48.8	307	22.7	56.8	319	24.0						
160	43.3	295	18.8	46.8	302	21.6	55.0	316	22.9						
165	41.1	289	17.8	44.7	297	20.5	53.2	312	21.9						
170	38.7	283	16.9	42.5	292	19.4	51.3	308	21.0						
175	36.3	276	16.1	40.2	286	18.5	49.3	304	20.1						
179										57.0	310	14.6			
180	33.6	269	15.4	37.8	280	17.6	47.3	299	19.2	57.0	310	14.5			
185	30.8	261	14.9	35.3	273	16.9	45.3	295	18.4	55.2	307	13.8			
190	27.7	252	14.3	32.6	265	16.2	43.1	289	17.7	53.4	303	13.2			
195	24.3	241	13.8	29.7	257	15.6	40.9	284	16.9	51.5	299	12.6			
200	20.3	229	13.2	26.5	247	14.9	38.5	278	16.3	49.6	295	12.0			
205				22.9	236	14.2	36.1	271	15.6	47.6	291	11.5			
210				18.6	222	13.6	33.4	263	15.0	45.5	286	11.0			
215							30.6	255	14.4	43.4	281	10.5			
220							27.5	246	13.8	41.2	275	10.1			
225							24.0	235	13.3	38.8	269	9.6			
230							19.9	222	12.8	36.4	262	9.2			
235										33.8	255	8.8			
240										31.0	247	8.4			
245										27.9	238	8.0			
250										24.4	227	7.6			
255										20.5	215	7.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	23.4						
130							66.6	344	23.4						
135	57.1	333	21.9	59.8	337	23.3	66.6	344	23.4						
140	55.4	330	21.4	58.1	334	22.7	65.1	342	23.4						
145	53.6	326	20.9	56.5	331	22.3	63.5	340	23.4						
150	51.9	322	20.4	54.7	328	21.8	61.9	337	23.1						
155	50.0	318	19.9	53.0	324	21.4	60.3	334	23.0						
160	48.1	314	19.3	51.2	320	21.1	58.6	331	22.8						
165	46.2	309	18.7	49.3	316	20.5	56.9	328	22.6						
170	44.2	304	18.1	47.4	311	19.9	55.2	324	21.5						
175	42.1	298	17.5	45.5	306	19.3	53.5	321	20.6						
180	39.9	292	17.0	43.4	301	18.8	51.7	317	19.7						
184	37.7	286	16.5	41.3	295	18.3	49.9	313	18.8						
185										57.0	319	13.4			
185	35.3	279	16.0	39.1	289	17.8	48.0	308	18.0	57.0	319	13.3			
190	32.7	272	15.4	36.8	283	17.4	46.0	304	17.3	55.5	316	12.8			
195	29.9	263	14.7	34.3	276	16.8	44.0	298	16.6	53.7	312	12.2			
200	26.9	254	14.0	31.7	268	16.1	41.9	293	15.9	51.9	308	11.6			
205	23.5	243	13.3	28.9	259	15.4	39.8	287	15.3	50.1	304	11.1			
210	19.6	230	12.6	25.7	249	14.7	37.5	281	14.6	48.2	300	10.6			
215				22.2	238	13.9	35.1	274	14.0	46.3	295	10.1			
220							32.5	266	13.5	44.3	290	9.6			
225							29.7	258	12.9	42.2	284	9.2			
230							26.7	248	12.4	40.0	278	8.8			
235							23.2	237	11.9	37.8	272	8.4			
240							19.2	224	11.4	35.4	265	8.0			
245										32.8	258	7.6			
250										30.1	249	7.3			
255										27.1	240	6.9			
260										23.7	229	6.6			
265										19.8	216	6.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	128.3												
45				75.0	234	128.3									
45	66.8	232	128.3	74.8	234	128.3									
50	61.8	229	128.2	70.2	233	128.3									
55	56.6	226	120.6	65.4	230	115.5									
60	51.1	222	107.9	60.4	228	103.3									
65	45.1	217	97.4	55.2	224	93.3									
70	38.2	211	88.7	49.5	220	85.0									
75	30.0	203	81.3	43.3	215	77.9									
76							67.0	227	67.5						
80	21.8	195	33.0	36.1	208	71.9	63.1	225	63.4						
85				27.4	200	66.6	58.0	222	58.8						
90							52.5	218	54.7						
95							46.6	213	51.2						
100							40.0	208	48.0						
105							32.3	200	45.1						
110							22.1	190	42.5						
113										57.0	211	34.3			
115										54.9	210	33.5			
120										50.5	207	31.8			
125										44.4	202	30.1			
130										37.5	196	28.6			
135										29.1	187	27.2			
176													37.0	162	11.4
180													32.8	158	11.1
185													22.8	148	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft luffing jib 161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	128.3												
45	70.0	243	127.0												
47				75.0	244	128.2									
50	65.8	240	122.4	72.9	243	128.1									
55	61.5	238	117.8	68.8	241	115.2									
60	57.0	235	107.7	64.6	239	103.0									
65	52.3	231	97.3	60.3	236	93.0									
70	47.2	226	88.6	55.7	233	84.7									
75	41.6	221	81.3	50.9	229	77.7									
80							67.0	236	63.1						
80	35.2	214	75.0	45.7	224	71.7	66.9	236	62.9						
85	27.6	205	69.5	39.9	218	66.5	62.6	233	58.3						
90				33.3	211	61.9	58.2	230	54.3						
95				25.1	202	57.8	53.5	227	50.8						
100							48.5	222	47.6						
105							43.0	217	44.8						
110							36.9	211	42.3						
115							29.7	203	39.9						
118										57.0	219	31.5			
120							20.1	191	37.7	56.6	219	31.3			
125										51.8	215	29.7			
130										46.6	211	28.2			
135										41.0	205	26.8			
140										34.6	198	25.6			
145										26.7	189	24.4			
184													37.0	168	10.2
185													37.0	168	10.1
190													30.2	160	9.7
195													20.7	149	9.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>85 ft luffing jib</b> <b>161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	116.4												
50				75.0	253	117.1									
50	68.8	251	113.7	74.9	253	117.1									
55	65.1	249	109.5	71.4	252	114.8									
60	61.3	246	106.2	67.8	250	102.6									
65	57.3	243	96.0	64.1	247	92.7									
70	53.2	239	88.4	60.2	244	84.4									
75	48.7	235	81.1	56.2	241	77.4									
80	44.0	230	74.8	52.0	237	71.4									
84							67.0	245	59.0						
85	38.7	224	69.4	47.5	233	66.3	66.0	244	57.9						
90	32.8	217	63.2	42.6	228	61.7	62.3	242	53.9						
95	25.6	207	59.4	37.2	221	57.7	58.3	239	50.4						
100				30.9	214	54.1	54.2	235	47.3						
105				23.2	203	50.8	49.9	231	44.5						
110							45.2	226	41.9						
115							40.1	220	39.6						
120							34.4	214	37.5						
124										57.0	228	29.3			
125							27.6	205	35.6	56.9	228	29.2			
130							18.4	192	33.7	52.7	224	27.8			
135										48.3	220	26.4			
140										43.5	214	25.2			
145										38.2	208	24.0			
150										32.1	201	22.9			
155										24.7	191	21.8			
192													37.0	174	9.0
195													34.7	171	8.8
200													28.0	162	8.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 95 ft luffing jib 161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	104.1												
50	71.1	262	101.9												
52				75.0	263	104.1									
55	67.8	260	99.5	73.4	262	104.0									
60	64.5	257	94.9	70.2	260	102.4									
65	61.1	255	93.6	66.9	258	92.5									
70	57.5	251	88.3	63.6	256	84.3									
75	53.8	248	81.0	60.1	253	77.3									
80	49.9	244	74.7	56.5	250	71.3									
85	45.8	239	69.3	52.8	246	66.1									
88							67.0	254	55.5						
90	41.3	234	61.1	48.8	242	61.6	65.4	253	53.7						
95	36.4	227	59.3	44.6	237	57.6	62.0	250	50.2						
100	30.7	219	56.3	40.0	231	54.0	58.5	247	47.0						
105	23.9	209	52.4	34.9	224	50.8	54.8	244	44.2						
110				29.0	216	47.9	50.9	240	41.7						
115				21.6	205	45.2	46.9	235	39.4						
120							42.5	230	37.4						
125							37.7	224	35.4						
129										57.0	236	27.7			
130							32.2	216	33.7	57.0	236	27.4			
135							27.4	209	32.1	53.5	232	26.2			
140							19.4	197	30.6	49.5	228	24.9			
145										45.4	223	23.8			
150										40.9	218	22.7			
155										35.9	211	21.7			
160										30.1	203	20.7			
165										23.1	193	19.8			
200													37.0	180	8.1
200													37.0	180	8.1
205													32.6	174	7.7
210													26.2	164	7.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>105 ft luffing jib</b> <b>161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	91.8												
55	70.0	270	90.0	75.0	272	93.1									
60	67.1	268	87.9	72.1	271	92.7									
65	64.0	266	85.4	69.2	269	91.8									
70	60.9	263	83.6	66.2	267	83.9									
75	57.7	260	80.4	63.2	264	76.9									
80	54.4	256	74.5	60.1	261	71.0									
85	50.9	252	69.1	56.8	258	65.8									
90	47.2	248	62.5	53.4	255	61.3									
91							67.0	263	52.2						
95	43.3	243	58.9	49.9	250	57.3	64.8	261	49.7						
100	39.1	237	55.7	46.2	246	53.7	61.7	259	46.6						
105	34.4	230	53.0	42.2	240	50.5	58.5	256	43.8						
110	29.0	221	49.6	37.8	234	47.7	55.2	252	41.3						
115	22.4	210	46.2	33.0	227	45.1	51.8	248	39.1						
120				27.3	218	42.7	48.2	244	37.0						
125				22.1	209	25.9	44.3	239	35.1						
130							40.2	233	33.4						
135										57.0	244	25.8			
135							36.7	228	31.8	57.0	244	25.5			
140							31.7	220	30.3	54.1	241	24.5			
145							25.8	211	28.9	50.6	237	23.3			
150							18.1	198	27.6	46.9	232	22.3			
155										42.9	227	21.3			
160										38.6	221	20.3			
165										33.9	214	19.5			
170										28.4	205	18.6			
175										21.7	194	17.8			
208													37.0	186	7.0
210													35.9	184	6.9
215													30.7	176	6.6
220													24.6	166	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.7												
58				75.0	282	82.9									
60	69.2	279	79.3	73.7	281	82.8									
65	66.4	277	77.3	71.1	279	82.3									
70	63.7	274	75.4	68.4	278	81.3									
75	60.8	272	73.9	65.7	275	76.6									
80	57.9	268	71.4	62.9	273	70.6									
85	54.8	265	68.8	60.0	270	65.5									
90	51.7	261	62.2	57.1	267	61.0									
95	48.4	257	59.7	54.0	263	57.0									
95							67.0	272	49.1						
100	44.9	252	55.8	50.8	259	53.4	64.4	270	46.2						
105	41.2	246	52.3	47.4	255	50.3	61.5	267	43.4						
110	37.1	240	49.3	43.9	250	47.4	58.6	264	40.9						
115	32.6	232	46.6	40.1	244	44.8	55.6	261	38.6						
120	27.5	223	43.6	35.9	237	42.4	52.5	257	36.6						
125	21.1	212	40.7	31.3	229	40.3	49.2	253	34.7						
130				25.9	220	38.3	46.6	249	32.8						
135				20.8	210	23.4	43.0	244	31.5						
140										57.0	252	24.0			
140							39.1	238	30.0	57.0	252	23.8			
145							34.9	231	28.6	54.5	250	22.9			
150							30.1	223	27.3	51.4	246	21.8			
155							24.4	213	26.1	48.0	241	20.8			
160							17.0	199	24.9	44.5	236	19.9			
165										40.8	231	19.1			
170										36.7	224	18.2			
175										32.1	217	17.5			
180										26.9	207	16.7			
185										20.4	195	16.0			
216													37.0	192	6.0
220													34.1	187	5.8
225													29.2	178	5.5
230													23.3	168	5.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 125 ft luffing jib 161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	74.6									
65	68.4	288	70.5	72.6	290	74.4									
70	65.9	285	68.7	70.2	288	73.7									
75	63.3	283	67.3	67.7	286	72.7									
80	60.7	280	66.0	65.2	284	70.4									
85	58.0	277	59.9	62.6	281	64.9									
90	55.2	274	58.0	60.0	278	60.7									
95	52.3	270	56.4	57.2	275	56.8									
99							67.0	281	46.4						
100	49.3	266	54.4	54.4	272	53.2	66.5	281	45.9						
105	46.2	261	51.4	51.5	268	50.1	64.0	278	43.1						
110	42.8	256	48.5	48.5	263	47.2	61.4	276	40.6						
115	39.3	250	46.0	45.3	259	44.6	58.7	273	38.4						
120	35.4	243	43.8	41.9	253	42.3	55.9	269	36.3						
125	31.1	235	41.4	38.2	247	40.1	53.1	266	34.5						
130	26.1	225	38.9	34.3	240	38.1	50.8	262	32.8						
135	20.0	213	36.3	29.8	232	36.3	47.7	258	31.2						
140				24.6	221	34.6	44.5	253	29.8						
145				19.7	212	21.5	41.0	247	28.4						
150							37.3	241	27.1	57.0	261	22.3			
155							33.2	234	25.9	54.9	258	21.5			
160							28.6	225	24.8	52.1	254	20.6			
165							23.2	214	23.7	49.0	250	19.6			
170										45.9	245	18.8			
175										42.5	240	18.0			
180										38.9	234	17.2			
185										35.0	227	16.5			
190										30.6	219	15.8			
195										25.6	209	15.2			
223										19.3	196	14.5			
225													37.0	198	5.2
230													36.6	197	5.2
235													32.5	189	4.9
240													27.8	180	4.6
240													22.1	169	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	65.9									
65	70.1	298	60.6	74.0	300	65.9									
70	67.8	296	59.2	71.7	299	65.7									
75	65.4	294	57.6	69.4	297	61.9									
80	63.1	291	56.3	67.1	295	60.9									
85	60.6	289	55.1	64.8	292	59.5									
90	58.1	285	53.2	62.4	290	58.5									
95	55.5	282	51.5	59.9	287	56.4									
100	52.9	278	50.1	57.4	284	52.9									
103							67.0	290	43.8						
105	50.1	274	48.9	54.8	280	49.7	66.0	289	42.7						
110	47.3	270	46.4	52.1	276	46.9	63.7	287	40.2						
115	44.2	265	44.1	49.3	272	44.3	61.2	284	38.0						
120	41.0	259	41.9	46.4	268	42.0	58.8	281	35.9						
125	37.6	253	40.0	43.4	262	39.8	56.2	278	34.1						
130	33.9	246	38.3	40.1	257	37.9	54.2	275	32.4						
135	29.7	237	36.3	36.6	250	36.0	51.5	271	30.8						
140	24.9	227	34.3	32.8	243	34.4	48.7	267	29.4						
145	20.5	218	17.9	29.5	236	20.7	45.7	262	28.0						
150				24.7	226	19.8	42.6	257	26.8						
151										57.0	269	20.7			
155							39.3	251	25.6	55.3	267	20.1			
160							35.7	244	24.5	52.6	263	19.2			
165							31.8	236	23.4	49.9	259	18.3			
170							27.4	227	22.5	47.0	254	17.5			
175							22.1	216	21.5	43.9	249	16.8			
180										40.7	243	16.1			
185										37.3	237	15.4			
190										33.5	230	14.8			
195										29.3	221	14.2			
200										24.4	211	13.6			
205										18.3	198	13.0			
231													37.0	204	4.3
235													35.1	200	4.2
240													31.1	192	3.9
245													26.5	182	3.6
250													21.0	171	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>144 ft luffing jib</b> <b>161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	56.2									
75	67.2	305	52.5	70.9	307	55.8									
80	65.0	302	51.3	68.8	305	55.0									
85	62.8	300	50.2	66.6	303	54.1									
90	60.5	297	49.1	64.4	301	53.0									
95	58.2	294	47.6	62.2	298	52.1									
100	55.8	291	46.2	59.9	295	51.0									
105	53.4	287	45.0	57.6	292	49.4									
107							67.0	299	41.3						
110	50.8	283	44.0	55.1	289	46.6	65.6	298	39.8						
115	48.2	278	42.2	52.7	285	44.0	63.4	295	37.5						
120	45.4	274	40.3	50.1	281	41.7	61.1	292	35.5						
125	42.5	268	38.5	47.4	276	39.5	58.8	290	33.6						
130	39.4	262	36.9	44.6	271	37.6	57.0	287	32.0						
135	36.1	256	35.4	41.7	266	35.7	54.6	284	30.4						
140	32.5	248	33.9	38.5	260	34.1	52.1	280	29.0						
145	29.5	242	18.1	36.0	255	19.7	49.5	275	27.6						
150	25.0	231	17.4	32.4	247	19.0	46.8	271	26.4						
155	19.6	219	16.6	28.3	238	18.2	43.9	266	25.2						
156										57.0	277	19.2			
160				23.6	227	17.5	40.9	260	24.1	55.6	275	18.7			
165							37.8	254	23.1	53.1	271	17.9			
170							34.3	247	22.1	50.6	267	17.1			
175							30.5	239	21.2	47.9	263	16.4			
180							26.2	229	20.3	45.1	258	15.7			
185							21.1	217	19.5	42.2	253	15.0			
190										39.1	247	14.4			
195										35.8	240	13.8			
200										32.1	232	13.2			
205										28.1	223	12.6			
210										23.4	213	12.1			
215										17.4	198	11.6			
239													37.0	209	3.4
240													37.0	209	3.4
245													33.7	203	3.1
250													29.8	194	2.9
255													25.4	184	2.7
260													20.1	172	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 154 ft luffing jib 161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.5									
80	66.7	313	46.1	70.2	316	48.9									
85	64.7	311	45.1	68.2	314	48.3									
90	62.6	308	44.2	66.2	312	47.4									
95	60.5	305	43.3	64.1	309	46.5									
100	58.3	302	42.0	62.0	307	45.9									
105	56.1	299	40.8	59.9	304	44.9									
110	53.8	295	39.8	57.7	301	43.8									
111							67.0	308	39.2						
115	51.4	292	39.0	55.4	297	42.8	65.2	306	37.2						
120	49.0	287	37.9	53.1	294	41.4	63.1	304	35.2						
125	46.4	283	36.5	50.7	290	39.3	61.0	301	33.4						
130	43.7	277	35.2	48.3	285	37.3	59.4	299	31.7						
135	40.9	272	34.0	45.7	280	35.5	57.2	296	30.2						
140	38.7	267	19.2	43.0	275	33.9	54.9	292	28.7						
145	35.5	260	17.8	40.8	271	21.7	52.6	288	27.4						
150	32.1	253	17.1	37.8	264	20.0	50.2	284	26.1						
155	28.4	244	16.4	34.6	257	18.8	47.7	280	25.0						
160	24.0	233	15.7	31.1	249	18.1	45.1	275	23.9						
161									57.0	285	18.0				
165	18.7	220	15.0	27.2	240	17.3	42.3	269	22.8	55.8	284	17.6			
170				22.7	229	16.5	39.4	263	21.9	53.5	280	16.8			
175							36.4	257	21.0	51.2	276	16.1			
180							33.0	249	20.1	48.7	272	15.4			
185							29.4	241	19.3	46.2	267	14.7			
190							25.2	231	18.5	43.5	262	14.1			
195							20.2	218	17.8	40.7	256	13.5			
200										37.7	250	12.9			
205										34.5	243	12.4			
210										30.9	235	11.9			
215										27.0	225	11.4			
220										22.4	214	10.9			
247													37.0	215	2.6
250													35.8	213	2.5
255													32.4	205	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 164 ft luffing jib 161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	43.4									
90	64.4	319	40.0	67.7	322	42.8									
95	62.4	317	39.4	65.8	320	42.0									
100	60.4	314	38.5	63.8	318	41.3									
105	58.4	311	37.4	61.9	315	40.8									
110	56.3	308	36.5	59.8	312	39.9									
115							67.0	317	37.0						
115	54.1	304	35.6	57.8	309	39.0	66.8	317	36.8						
120	51.9	300	34.9	55.7	306	38.1	64.9	315	34.8						
125	49.6	296	34.2	53.5	302	37.4	63.4	313	33.0						
130	47.3	291	33.2	51.3	298	36.8	61.4	310	31.3						
135	45.4	288	32.2	49.0	294	35.2	59.4	307	29.7						
140	42.9	282	21.1	46.6	289	33.5	57.3	304	28.3						
145	40.2	277	19.2	44.7	285	24.9	55.2	301	27.0						
150	37.3	270	17.5	42.1	280	22.7	53.0	297	25.7						
155	34.3	263	16.2	39.4	274	20.8	50.8	293	24.6						
160	31.0	255	15.6	36.5	267	19.0	48.4	288	23.5						
165	27.3	246	15.0	33.4	260	18.0	46.0	284	22.5						
167										57.0	294	16.7			
170	23.1	235	14.4	30.0	252	17.3	43.5	279	21.5	56.1	292	16.3			
175	18.0	221	13.8	26.2	242	16.5	40.9	273	20.6	53.9	289	15.6			
180				21.8	230	15.8	38.1	267	19.8	51.7	285	14.9			
185							35.1	260	19.0	49.4	280	14.3			
190							31.9	252	18.2	47.0	276	13.7			
195							28.3	243	17.5	44.6	271	13.1			
200							24.2	233	16.8	42.0	265	12.5			
205							19.4	220	16.1	39.3	259	12.0			
210										36.4	253	11.5			
215										33.2	245	11.0			
220										29.8	237	10.5			
225										26.0	227	10.1			
230										21.5	216	9.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 174 ft luffing jib 161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	37.8									
100	62.2	325	35.0	65.4	329	37.3									
105	60.4	322	34.3	63.6	326	36.8									
110	58.4	319	33.4	61.7	324	36.4									
115	56.9	317	29.6	59.8	321	35.8									
118							67.0	326	35.0						
120	54.9	313	28.4	57.9	318	35.2	66.4	326	34.3						
125	52.9	310	27.3	55.9	314	34.6	65.0	324	32.6						
130	50.7	306	26.3	53.9	311	34.1	63.2	321	30.9						
135	48.6	301	24.4	51.8	307	33.6	61.3	319	29.3						
140	46.3	297	22.4	49.6	303	33.2	59.4	316	27.9						
145	43.9	291	20.5	47.9	299	25.6	57.4	312	26.6						
150	41.5	286	18.8	45.6	294	23.5	55.4	309	25.3						
155	38.9	280	17.2	43.3	289	21.7	53.4	305	24.2						
160	36.1	273	15.7	40.8	283	19.9	51.3	301	23.1						
165	33.2	266	15.0	38.1	277	18.4	49.1	297	22.1						
170	30.0	257	14.5	35.3	270	17.1	46.9	293	21.1						
172										57.0	302	15.4			
175	26.4	248	14.1	32.3	263	16.4	44.5	288	20.2	56.3	301	15.2			
180	22.3	236	13.6	29.0	254	15.7	42.1	282	19.4	54.2	297	14.5			
185				25.3	244	15.1	39.5	276	18.6	52.2	293	13.8			
190				21.0	232	14.4	36.8	270	17.9	50.0	289	13.2			
195							33.9	262	17.1	47.8	285	12.6			
200							30.8	254	16.5	45.5	280	12.1			
205							27.3	245	15.8	43.1	275	11.6			
210							23.4	234	15.2	40.6	269	11.1			
215							18.6	221	14.6	38.0	263	10.6			
220										35.2	256	10.1			
225										32.1	248	9.7			
230										28.8	239	9.3			
235										25.1	229	8.9			
240										20.7	217	8.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.8									
105	62.5	334	30.4	65.1	337	33.4									
110	60.7	332	29.6	63.4	335	33.1									
115	58.9	329	28.5	62.0	333	30.5									
120	57.1	325	27.4	60.2	330	29.7									
122							67.0	335	30.4						
125	55.2	322	26.5	58.4	327	28.8	66.4	335	30.4						
130	53.2	318	25.6	56.5	324	28.0	64.7	332	30.4						
135	51.2	314	24.9	54.6	320	27.3	63.0	330	29.0						
140	49.2	310	23.5	52.7	316	26.6	61.2	327	27.6						
145	47.1	305	21.7	50.7	312	25.9	59.4	324	26.3						
150	44.9	300	20.0	48.6	308	24.1	57.5	321	25.0						
155	42.6	295	18.4	46.5	303	22.3	55.6	318	23.9						
160	40.2	289	16.9	44.3	298	20.7	53.7	314	22.8						
165	37.7	283	15.6	41.9	293	19.2	51.7	310	21.8						
170	35.0	276	14.4	39.5	287	17.8	49.7	306	20.9						
175	32.1	268	14.1	37.0	280	16.6	47.6	301	20.0						
177										57.0	310	14.4			
180	29.0	260	13.7	34.2	273	15.7	45.4	297	19.1	56.4	309	14.2			
185	25.5	250	13.4	31.3	265	15.1	43.2	291	18.3	54.5	306	13.5			
190	21.5	238	13.0	28.1	256	14.5	40.8	286	17.6	52.6	302	12.9			
195				24.5	246	13.9	38.3	279	16.9	50.6	298	12.3			
200				20.3	233	13.3	35.7	273	16.2	48.5	293	11.8			
205							32.9	265	15.6	46.4	289	11.3			
210							29.8	257	15.0	44.1	284	10.8			
215							26.4	247	14.4	41.8	278	10.3			
220							22.6	236	13.8	39.4	272	9.9			
225							17.9	222	13.2	36.8	266	9.4			
230										34.1	258	9.0			
235										31.1	250	8.6			
240										27.9	241	8.2			
245										24.3	231	7.8			
250										20.0	218	7.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	26.8									
125	57.2	334	24.1	60.2	338	26.1									
126															
130	55.4	330	23.3	58.5	335	25.3	67.0	344	26.4						
135	53.6	327	22.6	56.7	332	24.6	66.1	343	26.4						
140	51.7	323	21.9	54.9	329	23.9	64.4	341	26.3						
145	49.7	319	21.1	53.0	325	23.4	62.8	338	26.2						
150	47.8	314	20.0	51.2	321	22.9	61.1	336	25.9						
155	45.7	309	18.9	49.2	317	21.8	59.4	333	24.6						
160	43.6	304	17.9	47.2	312	20.7	57.6	329	23.5						
165	41.4	299	17.0	45.1	307	19.7	55.8	326	22.4						
170	39.0	293	16.2	43.0	302	18.8	54.0	323	21.4						
175	36.6	286	15.4	40.7	296	17.9	52.2	319	20.5						
180	34.0	279	14.7	38.4	290	17.1	50.2	315	19.6						
183							48.3	310	18.8						
185	31.2	271	14.2	35.9	283	16.4	46.2	305	18.0	57.0	318	13.2			
190	28.1	262	13.7	33.2	276	15.8	44.1	300	17.2	56.6	318	13.1			
195	24.7	251	13.2	30.4	268	15.2	41.9	295	16.5	54.8	314	12.5			
200	20.8	239	12.6	27.2	258	14.6	39.6	289	15.9	52.9	310	11.9			
205				23.7	247	13.9	37.2	282	15.2	51.0	306	11.4			
210				19.6	234	13.3	34.7	275	14.6	49.1	302	10.8			
215							31.9	268	14.0	47.1	298	10.4			
220							28.9	259	13.5	45.0	293	9.9			
225							25.6	249	12.9	42.9	287	9.4			
230							21.9	237	12.4	40.6	282	9.0			
235							17.3	223	11.9	38.2	275	8.6			
240										35.7	269	8.2			
245										33.1	261	7.8			
250										30.2	253	7.5			
255										27.1	243	7.1			
260										23.5	232	6.8			
										19.3	219	6.4			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 203 ft luffing jib 161 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	371	26.1												
65	77.3	370	26.1												
70	75.9	369	25.9												
75	74.4	368	25.8												
80	72.9	366	25.6												
81				75.0	367	25.5									
85	71.5	365	25.5	74.0	366	25.5									
90	70.0	363	25.2	72.5	365	25.5									
95	68.5	361	24.9	71.0	363	25.4									
100	66.9	359	24.6	69.5	361	25.1									
105	65.4	356	24.2	68.0	359	24.9									
110	63.8	354	23.9	66.5	357	24.6									
115	62.2	351	23.7	64.9	355	24.3									
120	60.6	349	23.1	63.4	352	24.0									
125	59.0	346	22.2	61.8	350	23.8									
130							67.0	354	24.4						
130	57.3	342	21.4	60.2	347	23.2	67.0	354	23.1						
135	55.6	339	20.7	58.5	344	22.5	65.8	352	23.1						
140	53.9	335	20.0	56.8	341	21.8	64.2	349	23.0						
145	52.1	332	19.5	55.1	337	21.2	62.6	347	22.8						
150	50.3	327	18.9	53.4	333	20.7	61.0	344	22.7						
155	48.4	323	18.4	51.6	330	20.2	59.4	341	22.5						
160	46.4	318	17.8	49.7	325	19.7	57.7	338	22.0						
165	44.5	313	17.3	47.9	321	19.2	56.0	335	21.0						
170	42.4	308	16.8	45.9	316	18.6	54.3	331	20.1						
175	40.2	302	16.3	43.9	311	18.1	52.5	327	19.2						
180	38.0	296	15.9	41.8	305	17.7	50.7	323	18.4						
185	35.6	289	15.5	39.6	300	17.2	48.9	319	17.6						
188										57.0	327	12.1			
190	33.0	281	14.9	37.3	293	16.8	46.9	314	16.9	56.7	326	12.0			
195	30.3	273	14.2	34.9	286	16.4	45.0	309	16.1	55.0	323	11.5			
200	27.3	264	13.6	32.3	278	15.8	42.9	304	15.5	53.3	319	10.9			
205	24.0	253	12.9	29.5	270	15.2	40.8	298	14.8	51.5	315	10.4			
210	20.1	240	12.3	26.4	260	14.6	38.5	292	14.2	49.6	311	9.9			
215				23.0	249	14.0	36.2	285	13.7	47.7	306	9.5			
220				18.9	236	13.4	33.7	278	13.1	45.8	302	9.0			
225							31.0	270	12.6	43.8	296	8.6			
230							28.1	261	12.1	41.7	291	8.2			
235							24.9	251	11.6	39.5	285	7.8			
240							21.2	239	11.1	37.2	278	7.4			
245							16.7	224	10.7	34.7	271	7.1			
250										32.1	264	6.7			
255										29.3	255	6.4			
260										26.3	245	6.1			
265										22.8	234	5.7			
270										18.7	220	5.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

171

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radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom</b> <b>66 ft luffing jib</b> <b>171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	128.3												
45	67.4	242	127.0												
46				75.0	244	128.3									
50	62.5	239	123.2	71.3	243	128.3									
55	57.4	236	117.4	66.6	241	114.8									
60	51.9	232	107.6	61.6	238	102.6									
65	45.9	228	97.2	56.4	235	92.7									
70	39.2	222	88.5	50.9	231	84.5									
75	31.3	214	81.2	44.8	226	77.5									
79							67.0	236	63.6						
80	23.5	206	33.0	38.0	220	71.4	65.6	236	62.1						
85				29.7	212	66.2	60.6	233	57.6						
90				21.3	203	33.0	55.4	229	53.7						
95							49.7	225	50.2						
100							43.5	220	47.1						
105							36.4	214	44.2						
110							27.7	205	41.7						
117										57.0	220	31.0			
120										55.2	219	30.4			
125										49.6	215	28.9			
130										43.3	210	27.4			
135										36.2	203	26.1			
140										27.5	195	24.8			
183													37.0	169	9.3
185													36.0	168	9.2
190													27.1	159	8.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 76 ft luffing jib 171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	123.8												
45	70.5	253	121.0												
49				75.0	254	121.4									
50	66.4	250	116.3	73.8	253	121.4									
55	62.1	248	111.8	69.8	251	114.4									
60	57.7	245	106.5	65.7	249	102.3									
65	52.9	241	97.1	61.4	247	92.4									
70	47.9	237	88.4	56.9	243	84.2									
75	42.4	231	81.1	52.1	240	77.2									
80	36.2	225	74.8	47.0	235	71.3									
82							67.0	245	59.5						
85	28.7	217	69.3	41.4	230	66.1	64.8	244	57.2						
90	21.4	208	31.4	35.0	223	61.5	60.5	241	53.3						
95				27.3	214	57.5	55.9	238	49.8						
100							51.1	234	46.7						
105							45.9	229	43.9						
110							40.1	224	41.4						
115							33.6	217	39.1						
120							25.4	207	37.0						
123										57.0	228	28.8			
125										55.8	227	28.4			
130										51.0	223	27.0			
135										45.7	219	25.7			
140										40.0	213	24.4			
145										33.4	206	23.3			
150										25.2	196	22.2			
191													37.0	175	8.1
195													33.1	171	7.9
200													24.9	161	7.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

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85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>85 ft luffing jib</b> <b>171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	109.9												
50	69.3	261	107.1												
51				75.0	263	110.3									
55	65.6	259	103.2	72.2	262	110.0									
60	61.8	256	99.9	68.7	260	102.0									
65	57.9	253	94.1	65.0	258	92.1									
70	53.7	250	88.2	61.1	255	83.9									
75	49.4	246	80.9	57.2	252	76.9									
80	44.7	241	74.7	53.0	248	71.0									
85	39.5	235	69.2	48.6	244	65.8									
86							67.0	254	55.7						
90	33.7	228	59.6	43.8	239	61.3	64.2	253	52.8						
95	26.7	219	55.6	38.5	233	57.3	60.4	250	49.4						
100	19.7	209	27.5	32.5	225	53.7	56.3	246	46.3						
105				25.3	216	50.5	52.1	243	43.5						
110							47.6	238	41.1						
115							42.8	233	38.8						
120							37.4	227	36.7						
125							31.2	219	34.9						
128										57.0	237	26.8			
130										56.2	236	26.5			
135							23.5	209	33.1	52.0	232	25.2			
140										47.5	228	24.0			
145										42.6	222	22.9			
150										37.2	216	21.8			
155										31.0	208	20.9			
160										23.3	198	19.9			
199													37.0	181	7.1
200													37.0	181	7.0
205													30.8	173	6.7
210													23.0	163	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 95 ft luffing jib 171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	96.3												
54				75.0	273	97.2									
55	68.3	270	95.0	74.1	272	97.2									
60	65.0	267	91.9	71.0	271	96.9									
65	61.6	265	89.5	67.7	269	91.9									
70	58.0	262	86.0	64.4	266	83.7									
75	54.4	258	80.8	61.0	263	76.8									
80	50.5	254	74.5	57.4	260	70.8									
85	46.4	250	69.1	53.7	257	65.7									
90	42.0	244	59.0	49.8	253	61.2									
90							67.0	263	52.5						
95	37.1	238	56.2	45.6	248	57.2	63.7	261	49.1						
100	31.6	230	53.3	41.1	242	53.6	60.3	258	46.1						
105	24.9	220	49.8	36.2	236	50.5	56.7	255	43.3						
110				30.5	228	47.6	52.9	251	40.8						
115				23.6	217	45.0	49.0	247	38.6						
120							44.8	242	36.6						
125							40.2	236	34.7						
130							36.4	231	33.0						
133										57.0	245	25.1			
135										56.6	244	24.9			
140							30.7	223	31.4	52.8	241	23.8			
145							23.8	213	29.9	48.9	236	22.7			
150										44.6	232	21.6			
155										40.1	226	20.7			
160										35.0	219	19.7			
165										29.1	211	18.9			
170										21.7	199	18.0			
207													37.0	187	6.2
210													34.8	184	6.1
215													28.9	175	5.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	85.7												
56				75.0	282	88.8									
60	67.5	278	83.7	72.8	281	88.5									
65	64.5	276	81.2	69.9	279	87.6									
70	61.4	273	79.4	67.0	277	83.4									
75	58.2	270	76.4	63.9	275	76.4									
80	54.9	267	73.8	60.8	272	70.5									
85	51.4	263	68.9	57.6	269	65.4									
90	47.7	258	62.2	54.3	265	60.9									
94							67.0	272	49.4						
95	43.9	253	57.5	50.8	261	56.9	66.4	272	48.7						
100	39.7	248	53.2	47.1	257	53.4	63.3	269	45.6						
105	35.0	241	49.7	43.2	252	50.2	60.2	267	42.9						
110	29.8	232	46.8	38.9	246	47.4	56.9	263	40.4						
115	23.4	222	44.0	34.2	239	44.8	53.6	260	38.2						
120				28.8	230	42.4	50.0	256	36.2						
125				22.1	219	40.2	46.3	251	34.3						
130							43.3	247	32.7						
135							39.0	241	31.1						
139										57.0	253	23.3			
140							34.3	234	29.6	56.9	253	23.3			
145							29.0	226	28.3	53.5	249	22.2			
150							22.4	215	27.0	49.9	245	21.2			
155										46.2	240	20.2			
160										42.2	235	19.3			
165										37.9	229	18.5			
170										33.0	222	17.7			
175										27.4	213	16.9			
180										20.3	201	16.2			
215													37.0	193	5.3
215													37.0	193	5.2
220													32.8	186	5.0
225													27.2	177	4.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 115 ft luffing jib 171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	80.0									
60	69.5	289	76.6	74.3	291	80.0									
65	66.8	287	74.7	71.7	290	79.6									
70	64.0	284	72.7	69.1	288	78.6									
75	61.2	282	71.3	66.3	286	76.1									
80	58.3	279	68.9	63.6	283	70.1									
85	55.3	275	66.7	60.7	280	65.0									
90	52.1	272	60.5	57.8	277	60.5									
95	48.8	267	58.0	54.7	274	56.6									
98							67.0	282	46.5						
100	45.4	262	53.9	51.6	270	53.1	65.8	280	45.2						
105	41.7	257	50.1	48.3	266	49.9	63.0	278	42.4						
110	37.7	251	46.7	44.8	261	47.1	60.1	275	40.0						
115	33.3	243	44.0	41.0	255	44.5	57.2	272	37.8						
120	28.2	235	41.6	36.9	249	42.1	54.1	268	35.8						
125	22.1	223	39.1	32.4	241	40.0	50.9	264	33.9						
130				27.3	232	38.0	48.4	261	32.3						
135				20.9	220	36.2	44.9	256	30.7						
140							41.1	251	29.3						
144										57.0	261	21.9			
145							37.1	244	27.9	57.0	261	21.7			
150							32.6	237	26.7	54.0	258	20.7			
155							27.4	228	25.5	50.8	254	19.8			
160							21.1	216	24.4	47.5	249	18.9			
165										43.9	244	18.1			
170										40.1	239	17.3			
175										36.0	232	16.5			
180										31.3	224	15.8			
185										25.9	214	15.2			
190										19.1	202	14.5			
223													37.0	199	4.3
225													35.8	197	4.2
230													31.2	189	4.0
235													25.7	179	3.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 125 ft luffing jib 171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	71.3									
65	68.8	298	67.6	73.2	300	71.1									
70	66.2	295	65.9	70.8	298	70.7									
75	63.7	293	61.1	68.3	296	69.6									
80	61.1	290	59.8	65.8	294	68.4									
85	58.4	287	57.5	63.2	292	63.2									
90	55.6	284	55.6	60.6	289	60.3									
95	52.7	280	53.9	57.9	286	56.4									
100	49.8	276	52.2	55.1	282	52.8									
102							67.0	291	44.0						
105	46.6	271	48.9	52.2	279	49.7	65.3	289	42.2						
110	43.3	266	45.9	49.2	274	46.9	62.7	286	39.7						
115	39.8	260	43.1	46.1	270	44.3	60.1	284	37.5						
120	35.9	254	40.8	42.7	264	42.0	57.4	280	35.5						
125	31.7	246	38.7	39.1	258	39.8	54.5	277	33.7						
130	26.9	237	36.5	35.2	251	37.9	52.3	274	32.1						
135	21.0	225	34.4	30.9	244	36.0	49.3	270	30.5						
140				25.9	234	34.4	46.2	265	29.1						
145				21.3	225	20.3	42.8	260	27.7						
149										57.0	270	20.5			
150							39.3	254	26.5	57.0	270	20.3			
155							35.4	247	25.3	54.5	266	19.5			
160							31.1	239	24.2	51.6	263	18.6			
165							26.1	230	23.2	48.5	258	17.8			
170							20.0	217	22.2	45.3	253	17.0			
175										41.9	248	16.3			
180										38.3	242	15.6			
185										34.3	235	14.9			
190										29.8	226	14.3			
195										24.6	216	13.7			
200										18.0	203	13.1			
230													37.0	205	3.6
235													34.2	200	3.4
240													29.7	191	3.1
245													24.5	181	2.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 135 ft luffing jib 171 [ft] (2220), 135 [ft] (1311)</b>															
48	78.0	313	61.9												
50	77.1	313	61.9												
55	74.9	311	61.1												
60	72.6	310	60.0												
64				75.0	311	61.2									
65	70.4	308	58.9	74.5	310	61.2									
70	68.1	306	57.7	72.2	309	61.0									
75	65.8	304	56.1	70.0	307	60.3									
80	63.4	301	54.7	67.7	305	59.3									
85	61.0	299	53.6	65.3	303	57.9									
90	58.5	296	51.7	63.0	300	56.8									
95	55.9	292	50.0	60.5	297	55.7									
100	53.3	289	48.6	58.0	294	52.5									
105	50.5	285	47.4	55.4	291	49.4									
106							67.0	300	41.5						
110	47.7	280	44.8	52.8	287	46.5	64.9	298	39.3						
115	44.7	275	42.2	50.0	283	44.0	62.5	295	37.1						
120	41.5	270	39.9	47.1	278	41.7	60.0	292	35.1						
125	38.1	263	37.7	44.1	273	39.5	57.5	289	33.3						
130	34.4	256	35.9	40.9	268	37.6	55.5	286	31.6						
135	30.3	248	34.2	37.5	261	35.8	52.9	283	30.1						
140	26.8	241	18.1	33.7	254	34.1	50.1	278	28.7						
145	21.4	229	17.1	30.6	248	20.4	47.2	274	27.3						
150				25.9	238	19.3	44.2	269	26.1						
155										57.0	278	19.0			
155				20.3	226	18.3	41.0	263	25.0	57.0	278	18.8			
160							37.6	257	23.9	54.8	275	18.1			
165							33.9	250	22.9	52.2	271	17.3			
170							29.7	241	21.9	49.4	267	16.6			
175							24.9	231	21.0	46.5	262	15.8			
180							19.0	218	20.1	43.4	257	15.2			
185										40.1	251	14.5			
190										36.6	245	13.9			
195										32.8	237	13.3			
200										28.5	229	12.8			
205										23.5	218	12.2			
238													37.0	211	2.5
240													36.5	210	2.5
245													32.7	202	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 144 ft luffing jib 171 [ft] (2220), 144 [ft] (1311)</b>															
50	78.0	323	54.8												
50	78.0	323	54.8												
55	75.9	322	54.5												
60	73.9	320	53.8												
65	71.8	319	52.8												
66				75.0	320	54.2									
70	69.7	317	51.9	73.5	319	54.1									
75	67.5	315	50.7	71.4	317	53.9									
80	65.3	312	49.4	69.3	316	53.1									
85	63.1	310	48.4	67.1	313	52.2									
90	60.9	307	47.4	65.0	311	51.1									
95	58.5	304	45.8	62.7	309	50.2									
100	56.2	301	44.4	60.5	306	49.3									
105	53.7	297	43.2	58.1	303	47.9									
109							67.0	309	39.1						
110	51.2	293	42.2	55.7	299	46.2	66.7	308	38.8						
115	48.5	289	40.4	53.3	296	43.7	64.5	306	36.6						
120	45.8	284	38.3	50.7	292	41.3	62.3	303	34.6						
125	42.9	279	36.2	48.1	287	39.2	60.5	301	32.9						
130	39.9	273	34.4	45.3	282	37.3	58.2	298	31.2						
135	37.4	268	18.8	42.4	277	35.5	55.8	295	29.7						
140	33.9	261	17.8	39.3	271	33.8	53.3	291	28.3						
145	30.1	253	17.1	36.8	266	19.7	50.8	287	26.9						
150	25.7	243	16.3	33.3	259	18.8	48.2	283	25.7						
155	20.4	231	15.5	29.3	250	18.0	45.4	278	24.6						
160				24.8	240	17.1	42.5	273	23.5						
160										57.0	286	17.4			
165										55.2	283	16.8			
170				19.4	227	16.3	39.4	267	22.5	52.7	280	16.1			
170							36.1	260	21.6	50.1	276	15.4			
175							32.5	252	20.7						
180							28.5	244	19.8	47.4	271	14.7			
185							23.8	233	19.0	44.7	266	14.1			
190							18.1	219	18.2	41.7	261	13.5			
195										38.6	255	12.9			
200										35.2	248	12.4			
205										31.5	240	11.8			
210										27.3	231	11.3			
215										22.5	219	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>154 ft luffing jib</b> <b>171 [ft] (2220), 154 [ft] (1311)</b>															
52	78.0	333	49.2												
55	76.8	332	49.1												
60	74.9	331	48.5												
65	73.0	329	47.8												
69				75.0	330	48.5									
70	71.0	327	47.0	74.6	329	48.5									
75	69.0	325	46.3	72.6	328	48.4									
80	67.0	323	45.1	70.7	326	48.0									
85	65.0	321	44.1	68.7	324	47.3									
90	62.9	318	43.2	66.7	322	46.6									
95	60.8	316	42.4	64.6	320	45.6									
100	58.6	313	41.0	62.5	317	44.8									
105	56.4	309	39.9	60.4	314	44.0									
110	54.1	306	38.8	58.2	311	42.8									
113							67.0	318	37.1						
115	51.7	302	37.9	56.0	308	41.8	66.3	317	36.3						
120	49.3	298	36.9	53.7	304	40.9	64.2	315	34.4						
125	46.8	293	35.3	51.3	300	39.0	62.6	313	32.6						
130	44.1	288	33.9	48.9	296	37.0	60.5	310	30.9						
135	42.0	284	19.6	46.3	291	35.2	58.3	307	29.4						
140	39.1	278	18.4	43.6	286	33.6	56.0	303	28.0						
145	36.0	271	17.3	41.5	282	21.0	53.8	300	26.7						
150	32.6	264	16.6	38.6	276	19.7	51.4	296	25.5						
155	28.9	255	15.9	35.4	269	18.6	48.9	292	24.3						
160	24.7	245	15.2	32.0	261	17.8	46.4	287	23.3						
165	19.5	232	14.4	28.2	252	17.0	43.7	282	22.3						
165										57.0	294	16.3			
170				23.9	242	16.1	40.9	276	21.3	55.5	292	15.8			
175				18.5	228	15.3	38.0	270	20.4	53.1	288	15.1			
180							34.8	263	19.6	50.8	284	14.4			
185							31.3	255	18.8	48.3	280	13.8			
190							27.4	246	18.0	45.7	275	13.2			
195							22.9	235	17.3	43.0	270	12.6			
200							17.2	220	16.6	40.2	264	12.1			
205										37.1	258	11.6			
210										33.9	250	11.1			
215										30.3	242	10.6			
220										26.3	233	10.2			
225										21.5	221	9.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 164 ft luffing jib 171 [ft] (2220), 164 [ft] (1311)</b>															
54	78.0	342	43.6												
55	77.6	342	43.6												
60	75.9	341	43.3												
65	74.0	339	42.7												
70	72.2	338	42.0												
72				75.0	339	42.9									
75	70.4	336	41.3	73.7	338	42.8									
80	68.5	334	40.6	71.9	337	42.7									
85	66.6	332	39.7	70.0	335	42.2									
90	64.6	330	38.8	68.1	333	41.7									
95	62.7	327	38.1	66.2	331	41.0									
100	60.7	324	37.4	64.3	328	40.2									
105	58.6	321	36.3	62.3	326	39.5									
110	56.6	318	35.3	60.3	323	38.8									
115	54.4	314	34.4	58.3	320	37.8									
117							67.0	327	35.1						
120	52.2	311	33.7	56.2	316	37.0	65.9	325	33.9						
125	50.5	307	23.2	54.0	313	36.2	64.4	324	32.2						
130	48.2	303	21.8	51.8	309	35.6	62.4	321	30.5						
135	45.7	298	20.4	49.6	305	34.9	60.4	318	29.0						
140	43.2	293	19.1	47.2	300	33.3	58.4	315	27.6						
145	40.6	287	18.0	45.3	296	22.1	56.3	312	26.3						
150	37.7	281	16.9	42.8	291	20.8	54.1	308	25.1						
155	34.7	274	16.0	40.1	285	19.6	51.9	304	23.9						
160	31.5	266	15.4	37.2	279	18.5	49.6	300	22.9						
165	27.9	257	14.7	34.2	272	17.6	47.3	296	21.9						
170	23.7	246	14.1	30.9	264	16.8	44.8	291	20.9						
171										57.0	303	15.0			
175	18.7	233	13.4	27.2	254	16.0	42.2	285	20.1	55.7	301	14.6			
180				22.9	243	15.2	39.5	279	19.2	53.5	297	14.0			
185				17.7	229	14.4	36.6	273	18.4	51.3	293	13.3			
190							33.5	266	17.7	49.0	289	12.8			
195							30.2	257	17.0	46.6	284	12.2			
200							26.4	248	16.3	44.1	279	11.7			
205							22.0	236	15.7	41.5	273	11.2			
210										38.8	267	10.7			
215										35.9	261	10.2			
220										32.7	253	9.8			
225										29.2	244	9.3			
230										25.3	234	8.9			
235										20.7	222	8.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 174 ft luffing jib 171 [ft] (2220), 174 [ft] (1311)</b>															
56	78.0	352	39.2												
60	76.7	351	39.1												
65	75.0	350	38.7												
70	73.2	348	38.2												
74				75.0	349	38.5									
75	71.5	346	37.6	74.7	348	38.5									
80	69.8	345	37.0	72.9	347	38.4									
85	68.0	343	36.4	71.2	345	38.2									
90	66.2	340	35.6	69.4	343	37.8									
95	64.4	338	34.9	67.7	341	37.5									
100	62.5	335	34.4	65.9	339	36.9									
105	60.6	333	33.7	64.0	337	36.3									
110	59.1	330	29.3	62.2	334	35.8									
115	57.2	327	27.3	60.3	331	35.3									
120	55.2	324	25.4	58.4	328	34.6									
121							67.0	336	33.2						
125	53.1	320	23.8	56.4	325	34.0	65.9	335	31.7						
130	51.0	316	22.4	54.4	321	33.4	64.1	332	30.1						
135	48.9	312	21.0	52.8	318	26.1	62.2	330	28.6						
140	46.6	307	19.6	50.7	314	24.9	60.3	327	27.2						
145	44.3	302	18.4	48.5	310	23.3	58.4	324	25.9						
150	41.8	297	17.2	46.2	305	21.7	56.4	320	24.6						
155	39.2	291	16.1	43.8	300	20.3	54.4	317	23.5						
160	36.5	284	15.1	41.4	295	18.9	52.4	313	22.5						
165	33.6	277	14.5	38.8	289	17.7	50.2	309	21.5						
170	30.4	268	14.0	36.0	282	16.6	48.0	304	20.5						
175	26.9	259	13.5	33.1	274	15.9	45.7	300	19.7						
176										57.0	311	13.8			
180	22.9	248	13.1	29.8	266	15.3	43.4	294	18.9	55.9	309	13.5			
185	18.0	234	12.6	26.3	256	14.7	40.9	289	18.1	53.9	305	12.9			
190				22.1	245	14.1	38.2	283	17.3	51.8	302	12.3			
195							35.4	276	16.6	49.7	297	11.7			
200							32.4	268	16.0	47.4	293	11.2			
205							29.2	259	15.3	45.1	288	10.7			
210							25.5	249	14.7	42.7	283	10.2			
215							21.2	237	14.1	40.2	277	9.8			
220										37.5	270	9.4			
225										34.7	263	8.9			
230										31.6	256	8.5			
235										28.2	247	8.1			
240										24.4	236	7.8			
245										19.9	223	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 184 ft luffing jib 171 [ft] (2220), 184 [ft] (1311)</b>															
58	78.0	361	34.8												
60	77.4	361	34.8												
65	75.8	360	34.5												
70	74.2	358	34.2												
75	72.5	357	33.8												
77				75.0	358	34.2									
80	70.9	355	33.2	73.9	357	34.2									
85	69.6	354	31.5	72.3	356	34.1									
90	67.9	352	30.9	70.6	354	33.8									
95	66.2	349	30.1	68.9	352	33.6									
100	64.5	347	29.4	67.2	350	33.3									
105	62.8	345	28.9	65.9	348	30.4									
110	61.0	342	28.0	64.2	346	29.8									
115	59.2	339	26.4	62.4	343	29.4									
120	57.3	336	24.9	60.7	340	28.7									
125							67.0	345	31.5						
125	55.4	332	23.6	58.8	337	27.7	67.0	345	29.6						
130	53.5	329	22.4	57.0	334	26.8	65.6	343	29.6						
135	51.5	325	21.4	55.1	331	26.0	63.9	341	28.3						
140	49.5	320	20.2	53.2	327	25.3	62.1	338	26.9						
145	47.4	316	18.9	51.2	323	24.7	60.3	335	25.6						
150	45.2	311	17.6	49.1	319	23.1	58.5	332	24.4						
155	42.9	306	16.4	47.0	314	21.4	56.6	329	23.2						
160	40.5	300	15.3	44.8	309	19.8	54.7	325	22.2						
165	38.0	294	14.3	42.5	304	18.4	52.8	322	21.2						
170	35.4	287	13.4	40.1	298	17.0	50.8	318	20.3						
175	32.5	279	13.0	37.6	292	15.8	48.7	313	19.4						
180	29.5	271	12.7	34.9	285	14.9	46.6	309	18.6						
182										57.0	319	12.9			
185	26.0	261	12.4	32.0	277	14.4	44.3	304	17.8	56.1	318	12.6			
190	22.1	249	12.1	28.9	268	14.0	42.0	298	17.1	54.2	314	12.0			
195	17.3	235	11.8	25.4	258	13.5	39.6	292	16.4	52.2	310	11.4			
200				21.4	246	13.1	37.1	286	15.7	50.2	306	10.9			
205							34.3	279	15.1	48.1	302	10.4			
210							31.4	271	14.5	46.0	297	10.0			
215							28.2	262	13.9	43.7	292	9.5			
220							24.6	251	13.4	41.4	286	9.1			
225							20.4	239	12.8	39.0	280	8.7			
230										36.4	273	8.3			
235										33.6	266	7.9			
240										30.6	258	7.5			
245										27.3	249	7.1			
250										23.6	238	6.8			
255										19.2	225	6.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 194 ft luffing jib 171 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	371	29.0												
65	76.9	370	28.9												
70	75.4	369	28.8												
75	73.8	367	28.6												
79				75.0	368	30.3									
80	72.3	366	28.4	75.0	368	28.5									
85	70.7	364	28.1	73.5	366	28.5									
90	69.1	362	27.8	72.0	365	28.4									
95	67.5	360	27.3	70.4	363	28.1									
100	65.9	358	26.8	68.8	361	27.9									
105	64.3	356	26.3	67.2	359	27.5									
110	62.6	353	25.9	65.6	357	27.0									
115	60.9	350	25.3	64.0	354	26.6									
120	59.2	347	24.0	62.3	352	26.2									
125	57.4	344	22.9	60.6	349	25.7									
129							67.0	354	26.1						
130	55.6	341	21.9	58.9	346	24.8	66.9	354	26.1						
135	53.8	337	21.0	57.1	343	24.1	65.3	352	26.1						
140	51.9	333	20.2	55.3	339	23.4	63.6	349	26.0						
145	50.0	329	19.4	53.5	336	22.8	62.0	346	25.2						
150	48.0	325	18.5	51.6	332	22.3	60.3	344	23.9						
155	46.0	320	17.6	49.7	327	21.3	58.5	341	22.8						
160	43.9	315	16.7	47.7	323	20.2	56.8	337	21.8						
165	41.7	309	15.9	45.6	318	19.2	55.0	334	20.8						
170	39.4	303	15.2	43.5	313	18.2	53.1	330	19.9						
175	36.9	297	14.5	41.3	307	17.3	51.2	326	19.0						
180	34.3	290	13.9	38.9	301	16.4	49.3	322	18.2						
185	31.6	282	13.4	36.5	295	15.7	47.3	317	17.4						
187										57.0	327	11.8			
190	28.6	273	13.0	33.9	287	15.1	45.2	312	16.7	56.3	326	11.5			
195	25.2	263	12.5	31.1	279	14.5	43.1	307	16.0	54.5	323	11.0			
200	21.4	251	12.0	28.0	270	13.9	40.8	302	15.3	52.6	319	10.5			
205				24.6	260	13.3	38.5	295	14.7	50.7	315	10.0			
210				20.6	248	12.8	36.0	289	14.1	48.8	310	9.5			
215							33.3	281	13.6	46.7	306	9.1			
220							30.5	273	13.0	44.7	301	8.6			
225							27.4	264	12.5	42.5	295	8.2			
230							23.9	253	12.0	40.2	290	7.8			
235							19.8	240	11.5	37.8	283	7.5			
240										35.3	276	7.1			
245										32.6	269	6.8			
250										29.7	260	6.4			
255										26.5	251	6.1			
260										22.9	239	5.8			
265										18.5	226	5.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 203 ft luffing jib 171 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	381	25.4												
65	77.5	380	25.4												
70	76.1	379	25.2												
75	74.6	378	25.1												
80	73.1	376	24.9												
82				75.0	377	24.9									
85	71.7	375	24.7	74.4	377	24.8									
90	70.2	373	24.4	72.9	375	24.8									
95	68.7	371	24.2	71.4	373	24.7									
100	67.1	369	23.9	69.9	372	24.4									
105	65.6	367	23.5	68.4	370	24.3									
110	64.0	364	23.3	66.9	368	24.0									
115	62.4	362	23.0	65.3	365	23.7									
120	60.8	359	22.5	63.8	363	23.4									
125	59.2	356	21.7	62.2	360	23.2									
130	57.5	353	20.9	60.5	357	22.7									
132							67.0	363	22.6						
135	55.8	349	20.2	58.9	354	22.0	66.6	362	22.6						
140	54.1	346	19.5	57.2	351	21.3	65.0	360	22.6						
145	52.3	342	18.9	55.5	348	20.7	63.4	358	22.5						
150	50.5	338	18.4	53.8	344	20.2	61.8	355	22.3						
155	48.6	333	17.8	52.0	340	19.7	60.2	352	22.1						
160	46.7	329	17.3	50.2	336	19.3	58.6	349	21.4						
165	44.7	324	16.7	48.3	332	18.7	56.9	346	20.4						
170	42.7	318	16.2	46.4	327	18.1	55.2	342	19.5						
175	40.5	313	15.7	44.4	322	17.6	53.4	339	18.6						
180	38.3	306	15.3	42.3	317	17.1	51.6	335	17.8						
185	35.9	300	14.9	40.1	311	16.7	49.8	331	17.0						
190	33.4	292	14.4	37.9	304	16.3	47.9	326	16.3						
192										57.0	336	10.5			
195	30.7	284	13.8	35.5	298	15.9	46.0	321	15.6	56.5	335	10.4			
200	27.7	275	13.1	32.9	290	15.2	44.0	316	15.0	54.7	331	9.9			
205	24.5	264	12.5	30.2	282	14.5	41.9	311	14.3	53.0	327	9.4			
210	20.7	252	11.9	27.2	272	13.8	39.7	305	13.8	51.2	323	8.9			
215				23.9	262	13.1	37.4	298	13.2	49.3	319	8.5			
220				20.0	249	12.4	35.0	291	12.7	47.4	315	8.1			
225							32.4	284	12.1	45.5	310	7.7			
230							29.6	275	11.6	43.4	304	7.3			
235							26.6	266	11.2	41.3	299	6.9			
240							23.1	255	10.7	39.1	293	6.6			
245							19.1	241	10.3	36.8	286	6.3			
250										34.3	279	5.9			
255										31.7	271	5.6			
260										28.8	262	5.3			
265										25.7	252	5.1			
270										22.2	241	4.8			
275										17.9	227	4.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft luffing jib 181 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	256	126.6												
35	77.3	256	126.6												
40	72.8	254	126.3												
45	68.1	252	123.2												
47				75.0	254	123.9									
50	63.2	250	117.2	72.4	253	123.9									
55	58.1	247	111.8	67.7	251	113.8									
60	52.7	243	106.8	62.8	248	101.9									
65	46.8	238	96.1	57.7	245	92.1									
70	40.2	233	88.3	52.3	242	83.9									
75	32.5	225	81.0	46.3	237	76.9									
80	22.3	215	74.6	39.7	231	71.0									
81							67.0	246	59.9						
85				31.9	224	65.8	63.2	244	56.5						
90				21.4	213	61.2	58.1	241	52.6						
95							52.6	237	49.2						
100							46.8	232	46.1						
105							40.2	227	43.3						
110							32.5	220	40.8						
115							25.0	212	33.0						
121										57.0	229	28.3			
125										54.3	227	27.6			
130										48.6	223	26.2			
135										42.2	218	24.9			
140										34.9	211	23.7			
145										25.7	202	22.5			
190													37.0	176	7.3
195													30.9	170	7.0
200													20.0	159	6.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>181 ft main boom 76 ft luffing jib 181 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	265	117.1												
40	75.1	264	116.1												
45	71.1	263	113.6												
50				75.0	263	113.6									
50	67.0	261	109.3	74.8	263	113.6									
55	62.7	258	104.8	70.8	262	112.4									
60	58.3	255	100.4	66.7	260	101.6									
65	53.6	251	94.4	62.4	257	91.8									
70	48.6	247	88.2	58.0	254	83.6									
75	43.2	242	80.9	53.3	250	76.7									
80	37.1	236	74.6	48.2	246	70.8									
85							67.0	255	56.0						
85	29.9	228	69.2	42.8	241	65.6	67.0	255	56.0						
90	20.3	216	56.7	36.6	234	61.1	62.7	252	52.2						
95				29.3	226	57.1	58.3	249	48.8						
100				22.1	218	31.1	53.6	246	45.7						
105							48.6	241	43.0						
110							43.2	236	40.5						
115							37.0	230	38.3						
120							29.8	222	36.3						
125							22.9	213	32.8						
127										57.0	237	26.3			
130										55.0	236	25.7			
135										50.1	232	24.5			
140										44.8	227	23.3			
145										38.9	221	22.2			
150										32.1	213	21.2			
155										23.5	203	20.2			
198													37.0	182	6.2
200													35.9	181	6.2
205													28.4	172	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft luffing jib 181 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	275	106.3												
40	76.8	275	106.3												
45	73.4	273	104.7												
50	69.8	271	101.8												
52				75.0	273	104.8									
55	66.1	269	98.1	73.1	272	104.6									
60	62.3	267	94.3	69.5	270	101.1									
65	58.4	264	90.9	65.9	268	91.5									
70	54.3	260	87.3	62.1	265	83.3									
75	50.0	256	80.7	58.1	262	76.4									
80	45.3	251	74.5	54.0	259	70.5									
85	40.2	245	69.0	49.7	255	65.3									
89							67.0	264	52.6						
90	34.5	239	56.6	45.0	250	60.9	66.1	263	51.7						
95	27.7	230	52.6	39.9	244	56.9	62.3	261	48.3						
100	21.1	221	27.0	34.1	237	53.4	58.4	258	45.3						
105				27.2	228	50.2	54.3	254	42.6						
110				20.4	219	27.8	50.0	250	40.2						
115							45.3	245	38.0						
120							40.2	240	35.9						
125							34.5	233	34.1						
130							29.4	226	32.4						
132										57.0	245	24.4			
135										55.5	244	24.0			
140										51.3	240	22.8			
145										46.7	236	21.8			
150										41.8	230	20.8			
155										36.3	224	19.8			
160										29.9	216	18.9			
165										21.7	205	18.1			
206													37.0	188	5.2
210													33.4	183	5.0
215													26.3	174	4.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>95 ft luffing jib</b> <b>181 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	285	94.8												
45	75.1	283	94.0												
50	72.0	282	92.0												
55				75.0	282	93.8									
55	68.7	280	89.9	74.9	282	93.8									
60	65.4	278	86.7	71.7	281	93.3									
65	62.0	275	84.3	68.5	279	91.1									
70	58.5	272	81.2	65.2	277	83.1									
75	54.9	269	78.2	61.8	274	76.2									
80	51.0	265	74.3	58.3	271	70.3									
85	47.0	260	68.9	54.6	267	65.2									
90	42.6	255	57.0	50.8	263	60.7									
93							67.0	273	49.6						
95	37.8	249	53.0	46.7	259	56.8	65.4	272	48.0						
100	32.4	241	49.7	42.3	253	53.3	62.0	269	45.0						
105	25.9	232	46.7	37.4	247	50.1	58.5	266	42.4						
110	19.6	222	23.6	32.0	240	47.2	54.9	263	39.9						
115				25.4	230	44.6	51.0	259	37.7						
120				18.9	220	25.1	47.0	254	35.8						
125							42.6	249	33.9						
130							38.9	244	32.3						
135							33.7	237	30.7						
137										57.0	254	22.9			
140							27.5	228	29.3	56.0	253	22.6			
145										52.2	249	21.5			
150										48.2	245	20.5			
155										43.9	240	19.6			
160										39.2	234	18.7			
165										34.0	227	17.9			
170										28.0	218	17.1			
175										20.2	206	16.3			
214													37.0	194	4.5
215													36.9	194	4.5
220													31.3	186	4.2
225													24.6	176	3.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 105 ft luffing jib 181 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	294	85.7												
45	76.6	294	85.7												
50	73.7	292	84.1												
55	70.8	290	82.2												
57				75.0	292	85.2									
60	67.9	288	80.3	73.5	291	85.1									
65	64.9	286	77.8	70.6	289	84.4									
70	61.8	284	75.9	67.7	287	82.7									
75	58.6	281	73.3	64.7	285	75.9									
80	55.3	277	70.6	61.6	282	70.0									
85	51.9	273	68.5	58.4	279	64.9									
90	48.3	269	60.5	55.1	276	60.4									
95	44.4	264	55.4	51.6	272	56.5									
97							67.0	282	46.6						
100	40.3	258	50.9	48.0	268	53.0	64.9	280	44.6						
105	35.7	252	47.1	44.1	263	49.8	61.8	278	41.9						
110	30.5	244	44.5	40.0	257	47.0	58.6	275	39.5						
115	24.4	233	42.2	35.4	250	44.4	55.3	271	37.3						
120	18.3	223	20.7	30.1	242	42.1	51.9	267	35.3						
125				23.9	232	39.9	48.2	263	33.5						
130				17.6	221	22.6	45.3	259	31.9						
135							41.2	254	30.4						
140							36.8	247	29.0						
143										57.0	262	21.2			
145							31.8	240	27.6	56.3	261	21.0			
150							25.9	230	26.4	52.9	258	20.0			
155										49.3	253	19.1			
160										45.6	249	18.3			
165										41.5	243	17.5			
170										37.1	237	16.7			
175										32.1	229	16.0			
180										26.3	220	15.3			
222													37.0	200	3.5
225													34.8	196	3.4
230													29.5	188	3.1
235													23.1	177	2.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 115 ft luffing jib 181 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	304	76.6												
45	77.7	304	76.6												
50	75.2	302	75.6												
55	72.5	301	74.3												
60				75.0	301	76.1									
60	69.9	299	72.8	75.0	301	76.1									
65	67.2	297	71.1	72.4	300	75.8									
70	64.4	295	69.1	69.7	298	74.9									
75	61.6	292	67.6	67.0	296	73.6									
80	58.7	289	61.6	64.2	294	69.6									
85	55.7	286	59.4	61.4	291	64.5									
90	52.6	282	57.6	58.5	288	60.1									
95	49.3	278	55.3	55.5	284	56.1									
100	45.9	273	51.1	52.3	281	52.6									
100							67.0	291	43.9						
105	42.2	268	47.2	49.1	276	49.5	64.4	289	41.5						
110	38.3	261	43.8	45.6	272	46.7	61.6	286	39.1						
115	33.9	254	41.0	41.9	266	44.1	58.7	283	36.9						
120	29.0	246	39.0	38.0	260	41.8	55.7	280	34.9						
125	23.0	235	37.0	33.6	253	39.7	52.6	276	33.1						
130				28.6	244	37.7	50.1	273	31.5						
135				22.6	233	35.9	46.7	268	30.0						
140							43.1	263	28.6						
145							39.2	257	27.3						
148										57.0	270	19.7			
150							34.9	250	26.0	56.6	270	19.6			
155							30.2	242	24.9	53.5	266	18.7			
160							24.5	232	23.8	50.3	262	17.8			
165										46.9	257	17.0			
170										43.3	252	16.3			
175										39.4	246	15.6			
180										35.2	240	14.9			
185										30.5	232	14.3			
190										24.9	222	13.7			
229													37.0	206	2.5
230													37.0	206	2.4
235													33.1	199	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>181 ft main boom 125 ft luffing jib 181 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	314	69.2												
50	76.4	313	69.2												
55	74.0	311	67.7												
60	71.5	310	66.4												
63				75.0	311	68.6									
65	69.1	308	62.6	73.8	310	68.5									
70	66.6	306	60.7	71.4	309	68.2									
75	64.0	303	59.0	68.9	307	67.2									
80	61.4	300	57.7	66.4	304	66.0									
85	58.8	297	55.5	63.9	302	61.1									
90	56.0	294	53.6	61.2	299	59.8									
95	53.1	290	51.9	58.6	296	55.9									
100	50.2	286	50.5	55.8	293	52.4									
104							67.0	300	41.6						
105	47.1	282	47.0	52.9	289	49.3	66.6	300	41.2						
110	43.8	277	43.8	50.0	285	46.5	64.0	297	38.8						
115	40.3	271	40.9	46.8	281	44.0	61.4	295	36.6						
120	36.5	264	38.4	43.5	275	41.6	58.7	292	34.7						
125	32.3	257	36.4	40.0	270	39.5	56.6	289	32.9						
130	27.6	248	34.6	36.2	263	37.6	53.8	285	31.3						
135	23.3	239	18.0	32.0	255	35.8	50.9	281	29.8						
140				27.2	246	34.1	47.8	277	28.3						
145				22.9	238	19.5	44.5	272	27.0						
150							41.1	266	25.8						
154										57.0	279	18.4			
155							37.4	260	24.7	56.8	278	18.4			
160							33.3	253	23.6	54.0	275	17.5			
165							28.7	244	22.6	51.1	271	16.7			
170							23.3	233	21.6	48.0	266	16.0			
175										44.8	261	15.3			
180										41.3	256	14.7			
185										37.6	250	14.0			
190										33.6	242	13.4			
195										29.0	234	12.9			
200										23.7	223	12.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 135 ft luffing jib 181 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	323	59.1												
50	77.4	323	59.1												
55	75.2	321	58.4												
60	72.9	320	57.5												
65	70.7	318	56.4	75.0	320	58.4									
70	68.4	316	55.2	72.8	319	58.2									
75	66.1	314	53.6	70.5	317	57.7									
80	63.7	312	52.3	68.2	315	56.7									
85	61.3	309	51.3	65.9	313	55.4									
90	58.8	306	49.4	63.5	311	54.2									
95	56.3	303	47.8	61.1	308	53.3									
100	53.6	299	46.3	58.6	305	51.7									
105	50.9	295	45.2	56.1	301	49.0									
108							67.0	309	39.2						
110	48.1	291	42.7	53.4	298	46.2	66.1	308	38.3						
115	45.1	286	40.0	50.7	294	43.6	63.7	306	36.2						
120	41.9	280	37.5	47.9	289	41.3	61.3	303	34.2						
125	38.6	274	35.2	44.9	284	39.2	59.4	301	32.5						
130	34.9	267	33.2	41.7	279	37.3	56.9	298	30.9						
135	31.9	261	18.0	38.3	273	35.5	54.2	294	29.3						
140	27.5	252	17.1	34.7	266	33.8	51.5	290	27.9						
145	22.2	241	16.1	31.6	260	19.8	48.7	286	26.6						
150				27.1	250	18.7	45.8	281	25.4						
155				21.8	239	17.6	42.7	276	24.3						
159										57.0	287	17.2			
160							39.4	270	23.3	57.0	287	17.0			
165							35.8	263	22.3	54.4	283	16.3			
170							31.9	255	21.3	51.7	279	15.5			
175							27.5	246	20.4	48.9	275	14.9			
180							22.2	235	19.6	46.0	270	14.2			
185										42.9	265	13.6			
190										39.6	259	13.0			
195										36.0	252	12.5			
200										32.1	245	11.9			
205										27.7	236	11.4			
210										22.6	225	10.9			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 144 ft luffing jib 181 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	333	53.1												
55	76.2	332	52.9												
60	74.1	330	52.2												
65	72.1	329	51.3												
68				75.0	330	52.5									
70	70.0	327	50.3	74.0	329	52.4									
75	67.8	325	49.3	71.9	328	52.2									
80	65.6	323	48.0	69.8	326	51.6									
85	63.4	320	46.9	67.7	324	50.8									
90	61.2	317	46.0	65.5	322	49.6									
95	58.9	314	44.4	63.3	319	48.7									
100	56.5	311	43.0	61.0	316	47.9									
105	54.0	308	41.8	58.7	313	46.5									
110	51.5	304	40.8	56.3	310	45.2									
112							67.0	318	37.0						
115	48.9	299	39.1	53.9	306	43.3	65.6	317	35.7						
120	46.2	295	36.7	51.3	302	41.0	63.4	314	33.8						
125	43.3	289	34.5	48.7	298	38.9	61.7	312	32.1						
130	41.0	285	19.1	46.0	293	36.9	59.4	309	30.4						
135	37.8	279	17.9	43.1	288	35.2	57.0	306	28.9						
140	34.4	272	17.0	40.1	282	33.5	54.6	303	27.5						
145	30.6	264	16.2	37.6	277	19.8	52.1	299	26.2						
150	26.3	254	15.5	34.1	270	18.7	49.5	295	25.0						
155	21.2	242	14.7	30.3	262	17.8	46.8	290	23.9						
160				26.0	252	16.9	44.0	285	22.9						
164										57.0	295	15.8			
165				20.8	240	16.0	41.0	279	21.9	57.0	295	15.7			
170							37.8	273	21.0	54.8	292	15.1			
175							34.4	266	20.1	52.3	288	14.4			
180							30.6	258	19.3	49.7	284	13.8			
185							26.3	248	18.5	47.0	279	13.1			
190							21.2	236	17.7	44.2	274	12.6			
195										41.2	269	12.0			
200										38.0	262	11.5			
205										34.6	255	11.0			
210										30.8	247	10.5			
215										26.6	238	10.1			
220										21.6	226	9.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 154 ft luffing jib 181 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	342	47.3												
55	77.1	342	47.3												
60	75.2	341	46.7												
65	73.2	339	46.0												
70	71.3	337	45.2												
70				75.0	339	46.6									
75	69.3	335	44.5	73.1	338	46.5									
80	67.3	333	43.5	71.1	336	46.2									
85	65.3	331	42.4	69.2	334	45.6									
90	63.2	329	41.5	67.2	332	45.0									
95	61.1	326	40.7	65.1	330	43.9									
100	58.9	323	39.4	63.0	328	43.1									
105	56.7	320	38.3	60.9	325	42.4									
110	54.4	316	37.2	58.7	322	41.2									
115	52.1	312	36.3	56.5	319	40.2									
116							67.0	327	35.1						
120	49.6	308	35.4	54.2	315	39.3	65.2	325	33.5						
125	47.1	304	33.8	51.9	311	38.5	63.7	323	31.8						
130	45.1	300	19.2	49.5	307	36.7	61.5	321	30.1						
135	42.4	294	18.3	46.9	302	34.9	59.4	318	28.6						
140	39.5	288	17.4	44.3	297	33.3	57.2	315	27.3						
145	36.4	282	16.7	42.2	293	20.2	54.9	311	26.0						
150	33.1	274	16.0	39.3	287	19.2	52.6	307	24.8						
155	29.4	266	15.3	36.2	280	18.4	50.2	303	23.7						
160	25.3	256	14.6	32.9	273	17.5	47.7	299	22.6						
165	20.3	244	13.8	29.2	264	16.6	45.1	294	21.6						
170										57.0	303	14.8			
170										42.4	288	20.7	57.0	303	14.7
175				25.0	254	15.8	39.5	283	19.9	55.1	300	14.1			
180				19.9	242	14.9	36.4	276	19.0	52.8	297	13.5			
185							33.1	269	18.3	50.4	292	12.9			
190							29.4	260	17.5	47.9	288	12.3			
195							25.3	250	16.8	45.3	283	11.7			
200							20.3	238	16.1	42.6	278	11.2			
205										39.7	272	10.7			
210										36.6	265	10.3			
215										33.3	258	9.8			
220										29.7	250	9.4			
225										25.5	240	9.0			
230										20.6	227	8.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 164 ft luffing jib 181 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	352	42.6												
55	77.9	352	42.6												
60	76.1	351	42.2												
65	74.3	349	41.7												
70	72.5	348	41.0												
73				75.0	349	41.7									
75	70.6	346	40.3	74.2	348	41.7									
80	68.7	344	39.7	72.3	347	41.6									
85	66.8	342	38.8	70.5	345	41.2									
90	64.9	340	37.9	68.6	343	40.8									
95	63.0	337	37.1	66.7	341	40.2									
100	61.0	334	36.5	64.8	339	39.3									
105	58.9	331	35.4	62.8	336	38.6									
110	56.9	328	34.4	60.8	333	37.9									
115	54.7	325	33.5	58.8	330	36.9									
120							67.0	336	33.2						
120	53.0	322	21.4	56.7	327	36.1	67.0	336	32.8						
125	50.8	318	19.4	54.6	323	35.3	65.4	334	31.3						
130	48.5	313	18.7	52.4	320	34.6	63.4	332	29.7						
135	46.1	309	18.0	50.1	316	33.9	61.4	329	28.2						
140	43.6	304	17.4	48.3	312	20.2	59.4	326	26.8						
145	40.9	298	16.9	45.9	307	19.5	57.3	323	25.5						
150	38.1	292	16.3	43.4	302	18.9	55.2	320	24.4						
155	35.2	285	15.9	40.7	296	18.4	53.0	316	23.3						
160	31.9	277	15.2	37.9	290	17.9	50.8	312	22.2						
165	28.4	268	14.5	34.9	283	17.3	48.5	308	21.2						
170	24.3	258	13.8	31.7	275	16.5	46.1	303	20.3						
175										57.0	312	13.6			
175	19.5	245	13.2	28.1	266	15.7	43.6	298	19.5	57.0	312	13.5			
180				24.0	256	14.8	40.9	292	18.7	55.3	309	13.0			
185				19.1	243	13.9	38.1	286	17.9	53.2	305	12.4			
190							35.2	279	17.2	50.9	301	11.8			
195							31.9	271	16.5	48.6	297	11.3			
200							28.4	262	15.8	46.2	292	10.8			
205							24.3	252	15.2	43.7	287	10.3			
210							19.5	239	14.6	41.1	281	9.8			
215										38.3	275	9.4			
220										35.3	268	9.0			
225										32.1	261	8.6			
230										28.6	252	8.2			
235										24.6	241	7.8			
240										19.8	229	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 174 ft luffing jib 181 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	362	38.0												
60	76.9	361	37.9												
65	75.2	360	37.4												
70	73.5	358	37.0												
75	71.7	356	36.4												
75				75.0	358	37.2									
80	70.0	355	35.8	73.4	357	37.2									
85	68.2	353	35.3	71.6	355	37.0									
90	66.4	351	34.5	69.9	354	36.7									
95	64.6	348	33.8	68.1	352	36.4									
100	62.8	346	33.2	66.3	349	35.9									
105	61.3	344	30.1	64.5	347	35.3									
110	59.4	341	27.3	62.6	345	34.8									
115	57.5	337	24.9	60.7	342	34.3									
120	55.5	334	22.6	58.8	339	33.6									
123							67.0	345	31.0						
125	53.4	330	20.7	57.3	336	27.0	66.8	345	30.9						
130	51.3	326	19.0	55.3	333	25.2	65.0	343	29.3						
135	49.2	322	18.0	53.3	329	23.7	63.2	340	27.8						
140	46.9	318	17.1	51.2	325	22.4	61.3	338	26.4						
145	44.6	313	16.3	49.0	321	21.1	59.4	335	25.1						
150	42.2	307	15.6	46.8	316	19.9	57.5	332	23.9						
155	39.6	301	14.9	44.4	311	18.8	55.5	328	22.8						
160	36.9	295	14.3	42.0	306	17.8	53.4	325	21.8						
165	34.0	287	13.8	39.4	300	16.8	51.3	321	20.8						
170	30.9	279	13.4	36.7	293	15.9	49.2	316	19.9						
175	27.4	270	12.9	33.8	286	15.3	46.9	312	19.1						
180	23.5	259	12.5	30.6	278	14.8	44.6	307	18.3						
180										57.0	320	12.3			
185	18.8	246	12.0	27.2	269	14.2	42.2	301	17.5	55.6	317	11.9			
190				23.2	258	13.7	39.6	295	16.8	53.5	314	11.3			
195				18.4	244	13.1	36.9	289	16.1	51.5	310	10.8			
200							34.0	282	15.5	49.3	306	10.3			
205							30.9	274	14.8	47.1	301	9.9			
210							27.4	264	14.2	44.7	296	9.4			
215							23.5	253	13.7	42.3	291	9.0			
220							18.7	240	13.1	39.8	285	8.6			
225										37.1	278	8.2			
230										34.2	271	7.8			
235										31.1	263	7.4			
240										27.6	254	7.1			
245										23.7	243	6.7			
250										19.1	230	6.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 184 ft luffing jib 181 [ft] (2220), 184 [ft] (1311)</b>															
59	78.0	371	34.2												
60	77.6	371	34.2												
65	76.0	370	33.9												
70	74.4	368	33.6												
75	72.8	367	33.2												
78				75.0	368	33.6									
80	71.5	366	31.0	74.3	367	33.6									
85	69.8	364	30.7	72.6	366	33.5									
90	68.2	362	30.1	71.0	364	33.2									
95	66.5	360	29.1	69.7	363	30.9									
100	64.7	357	28.3	68.0	361	30.5									
105	63.0	355	27.7	66.3	359	29.8									
110	61.2	352	26.9	64.6	356	29.1									
115	59.4	349	24.9	62.9	354	28.5									
120	57.6	346	23.0	61.1	351	27.9									
125	55.7	343	21.4	59.3	348	26.9									
127							67.0	354	29.0						
130	53.8	339	19.9	57.4	345	25.9	66.5	354	28.9						
135	51.8	335	18.7	55.6	341	25.0	64.7	351	27.5						
140	49.8	331	17.5	53.6	338	24.3	63.0	349	26.1						
145	47.7	326	16.5	51.6	334	23.6	61.2	346	24.8						
150	45.5	322	15.6	49.6	330	22.3	59.4	343	23.7						
155	43.2	316	14.7	47.5	325	20.7	57.6	340	22.5						
160	40.9	311	13.9	45.3	320	19.1	55.7	337	21.5						
165	38.4	304	13.2	43.1	315	17.7	53.8	333	20.6						
170	35.8	298	12.5	40.7	309	16.4	51.8	329	19.7						
175	33.0	290	12.2	38.2	303	15.2	49.7	325	18.8						
180	29.9	282	11.9	35.6	296	14.2	47.7	320	18.0						
185	26.5	272	11.7	32.7	289	13.8	45.5	316	17.2						
186										57.0	328	11.2			
190	22.7	261	11.4	29.7	280	13.5	43.2	310	16.5	55.8	326	10.9			
195	18.1	247	11.2	26.3	270	13.2	40.9	305	15.8	53.9	322	10.4			
200				22.4	259	12.9	38.4	299	15.2	51.9	318	9.9			
205				17.7	245	12.5	35.8	292	14.6	49.9	314	9.4			
210							32.9	284	14.0	47.8	310	9.0			
215							29.9	276	13.4	45.6	305	8.6			
220							26.5	266	12.9	43.4	300	8.2			
225							22.7	255	12.4	41.0	294	7.8			
230										38.5	288	7.4			
235										35.9	281	7.1			
240										33.1	274	6.8			
245										30.1	265	6.4			
250										26.7	256	6.1			
255										22.9	245	5.8			
260										18.4	231	5.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 194 ft luffing jib 181 [ft] (2220), 194 [ft] (1311)</b>															
61	78.0	381	27.9												
65	77.1	380	27.9												
70	75.6	379	27.7												
75	74.0	378	27.6												
80	72.5	376	27.3												
80				75.0	377	27.6									
85				73.9	376	27.6									
90	70.9	374	27.0	72.4	375	27.5									
95	69.3	372	26.8	70.8	373	27.3									
100	67.7	370	26.3	69.2	371	27.0									
105	66.1	368	25.7												
105	64.5	366	25.2	67.6	369	26.7									
110	62.8	363	24.8	66.0	367	26.1									
115	61.1	360	24.2	64.4	365	25.6									
120	59.4	358	22.9	62.7	362	25.3									
125	57.7	354	21.6	61.0	359	24.8									
130	55.9	351	20.5	59.3	356	24.0									
131							67.0	363	25.2						
135	54.1	347	19.5	57.5	353	23.2	66.1	362	25.2						
140	52.2	344	18.6	55.8	350	22.5	64.5	360	25.2						
145	50.3	340	17.8	53.9	346	21.8	62.8	357	24.4						
150	48.3	335	17.1	52.1	342	21.3	61.1	355	23.2						
155	46.3	330	16.3	50.1	338	20.5	59.4	352	22.1						
160	44.2	325	15.6	48.2	334	19.5	57.7	349	21.1						
165	42.0	320	15.0	46.1	329	18.5	55.9	345	20.2						
170	39.7	314	14.4	44.0	324	17.6	54.1	342	19.3						
175	37.3	308	13.8	41.8	319	16.7	52.2	338	18.4						
180	34.7	300	13.3	39.5	313	15.9	50.3	334	17.6						
185	32.0	293	12.9	37.1	306	15.2	48.3	329	16.9						
190	29.0	284	12.5	34.5	299	14.6	46.3	325	16.1						
191										57.0	336	10.0			
195	25.7	274	12.0	31.8	291	14.0	44.2	319	15.5	56.0	334	9.8			
200	21.9	262	11.6	28.8	282	13.4	42.0	314	14.8	54.2	331	9.3			
205	17.4	248	11.1	25.5	272	12.9	39.7	308	14.2	52.3	327	8.8			
210				21.7	261	12.3	37.3	302	13.6	50.4	323	8.4			
215				17.0	246	11.7	34.7	295	13.1	48.4	319	8.0			
220							32.0	287	12.5	46.4	314	7.6			
225							29.0	278	12.0	44.3	309	7.2			
230							25.7	268	11.5	42.1	303	6.8			
235							21.9	256	11.1	39.8	297	6.5			
240										37.4	291	6.2			
245										34.9	284	5.9			
250										32.1	276	5.6			
255										29.2	268	5.3			
260										25.9	258	5.0			
265										22.2	246	4.7			
270										17.7	232	4.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 203 ft luffing jib 181 [ft] (2220), 203 [ft] (1311)</b>															
63	78.0	391	24.8												
65	77.7	390	24.8												
70	76.3	389	24.7												
75	74.8	388	24.5												
80	73.4	386	24.4												
83				75.0	387	24.4									
85	71.9	385	24.1	74.7	387	24.4									
90	70.4	383	23.8	73.2	385	24.3									
95	68.9	381	23.6	71.8	384	24.3									
100	67.3	379	23.3	70.3	382	24.0									
105	65.8	377	23.0	68.8	380	23.8									
110	64.2	374	22.7	67.2	378	23.5									
115	62.7	372	22.5	65.7	376	23.2									
120	61.1	369	22.1	64.1	373	22.9									
125	59.4	366	21.3	62.5	371	22.6									
130	57.8	363	20.5	60.9	368	22.3									
135							67.0	373	23.6						
135	56.1	360	19.8	59.3	365	21.6	67.0	373	22.2						
140	54.3	356	19.1	57.6	362	20.9	65.8	371	22.2						
145	52.6	352	18.5	55.9	358	20.4	64.2	368	22.1						
150	50.8	348	18.0	54.2	355	19.8	62.7	366	22.0						
155	48.9	344	17.5	52.4	351	19.4	61.0	363	21.7						
160	47.0	339	16.9	50.6	347	18.9	59.4	360	20.7						
165	45.0	334	16.3	48.8	343	18.3	57.8	357	19.7						
170	43.0	329	15.8	46.8	338	17.8	56.1	354	18.8						
175	40.8	323	15.3	44.9	333	17.2	54.3	350	18.0						
180	38.6	317	14.9	42.8	328	16.7	52.6	346	17.2						
185	36.2	311	14.5	40.7	322	16.3	50.8	342	16.5						
190	33.7	303	14.0	38.4	316	15.8	48.9	338	15.7						
195	31.1	295	13.4	36.1	309	15.4	47.0	333	15.1						
196										57.0	345	8.9			
200	28.2	286	12.8	33.6	302	14.8	45.0	328	14.4	56.2	343	8.6			
205	24.9	276	12.2	30.9	294	14.1	42.9	323	13.8	54.4	339	8.2			
210	21.3	264	11.6	27.9	284	13.3	40.8	317	13.3	52.7	336	7.8			
215	16.8	249	11.0	24.7	274	12.5	38.6	311	12.7	50.9	332	7.4			
220				21.0	262	11.8	36.2	305	12.2	49.0	327	7.0			
225							33.7	297	11.7	47.1	323	6.6			
230							31.1	289	11.2	45.1	318	6.2			
235							28.2	280	10.7	43.1	312	5.9			
240							24.9	270	10.3	40.9	307	5.6			
245							21.3	258	9.8	38.7	301	5.3			
250										36.4	294	5.0			
255										33.9	287	4.7			
260										31.2	279	4.4			
265										28.3	270	4.1			
270										25.1	260	3.9			
275										21.5	248	3.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom                      66 ft luffing jib                      191 [ft] (2220), 66 [ft] (1311)</b>															
35	78.0	266	97.2												
35	77.9	266	97.2												
40	73.4	264	97.2												
45	68.7	262	97.2												
48				75.0	264	97.2									
50	63.9	260	97.2	73.5	263	97.2									
55	58.8	257	96.8	68.9	261	97.2									
60	53.4	253	96.2	64.0	259	97.2									
65	47.6	249	94.0	59.0	256	91.5									
70	41.2	243	88.1	53.6	252	83.3									
75	33.6	236	80.8	47.8	248	76.4									
80	24.0	227	74.4	41.4	243	70.5									
84							67.0	255	56.3						
85				33.9	236	65.3	65.7	255	55.2						
90				24.4	226	60.8	60.7	252	51.4						
95							55.5	248	48.1						
100							49.8	244	45.1						
105							43.6	239	42.4						
110							36.6	233	40.0						
115							27.9	224	37.7						
126										57.0	238	25.7			
130										53.4	235	24.9			
135										47.5	231	23.6			
140										41.1	226	22.5			
145										33.5	218	21.4			
150										23.8	209	20.4			
197													37.0	183	5.3
200													34.3	180	5.2
205													24.8	171	4.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>76 ft luffing jib</b> <b>191 [ft] (2220), 75 [ft] (1311)</b>															
37	78.0	275	97.2												
40	75.6	274	97.2												
45	71.6	273	97.2												
50	67.5	271	97.1												
51				75.0	273	97.2									
55	63.3	268	96.0	71.8	272	97.2									
60	58.9	265	93.4	67.7	270	97.2									
65	54.3	262	89.5	63.4	267	91.1									
70	49.3	258	86.4	59.0	264	83.0									
75	44.0	253	80.7	54.4	261	76.1									
80	38.0	247	74.4	49.5	257	70.3									
85	31.0	239	69.0	44.1	252	64.8									
88							67.0	264	52.8						
90	21.9	228	55.0	38.2	246	60.7	64.9	263	51.0						
95				31.2	238	56.7	60.6	260	47.6						
100				22.2	227	53.1	56.0	257	44.7						
105							51.2	253	42.0						
110							46.0	248	39.6						
115							40.3	243	37.4						
120							33.7	236	35.4						
125							25.6	226	33.6						
131										57.0	246	23.9			
135										54.2	244	23.2			
140										49.2	240	22.1			
145										43.9	235	21.0			
150										37.9	229	20.0			
155										30.8	221	19.1			
160										21.7	210	18.2			
205													37.0	189	4.3
205													37.0	189	4.3
210													31.5	183	4.1
215													22.7	172	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>85 ft luffing jib</b> <b>191 [ft] (2220), 85 [ft] (1311)</b>															
39	78.0	285	96.5												
40	77.3	285	96.5												
45	73.8	283	95.7												
50	70.3	281	93.2												
54				75.0	283	95.5									
55	66.6	279	90.1	73.9	282	95.5									
60	62.9	277	87.1	70.4	280	94.2									
65	59.0	274	83.9	66.7	278	90.7									
70	54.9	270	80.6	63.0	276	82.7									
75	50.6	266	78.0	59.1	273	75.8									
80	46.0	262	74.3	55.0	270	70.0									
85	41.0	256	68.9	50.7	266	64.9									
90	35.3	249	54.3	46.1	261	60.4									
91							67.0	273	49.6						
95	28.7	241	50.6	41.1	255	56.5	64.3	272	47.2						
100	20.1	229	46.7	35.5	249	53.0	60.4	269	44.2						
105				29.0	240	49.8	56.4	266	41.6						
110				20.5	229	46.9	52.2	262	39.2						
115							47.7	257	37.1						
120							42.9	252	35.1						
125							37.5	246	33.3						
130							32.9	240	31.7						
135							25.7	231	30.1						
136										57.0	254	22.1			
140										54.8	253	21.6			
145										50.5	249	20.5			
150										45.9	244	19.6			
155										40.9	238	18.7			
160										35.3	232	17.9			
165										28.6	223	17.0			
170										20.0	211	16.3			
213													37.0	195	3.2
215													35.8	193	3.2
220													29.3	185	2.9
225													20.9	174	2.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>95 ft luffing jib</b> <b>191 [ft] (2220), 95 [ft] (1311)</b>															
41	78.0	294	88.1												
45	75.6	293	87.5												
50	72.4	292	85.8												
55	69.2	290	83.8												
56				75.0	292	87.0									
60	65.9	288	81.0	72.5	291	86.7									
65	62.5	285	78.6	69.3	289	85.0									
70	59.0	282	76.0	66.0	287	82.5									
75	55.4	279	73.1	62.6	284	75.6									
80	51.6	275	70.9	59.1	281	69.8									
85	47.5	271	68.3	55.5	278	64.7									
90	43.2	265	56.5	51.7	274	60.3									
95	38.5	259	51.9	47.7	270	56.3									
95							67.0	282	46.8						
100	33.2	252	48.2	43.4	265	52.9	63.8	280	44.0						
105	26.9	243	45.0	38.6	259	49.7	60.3	277	41.3						
110	18.7	230	41.8	33.3	251	46.9	56.7	274	39.0						
115				27.1	242	44.3	53.0	270	36.8						
120				19.0	230	41.9	49.1	266	34.9						
125							44.8	261	33.1						
130							41.4	257	31.5						
135							36.4	250	30.0						
140							30.8	243	28.6						
142										57.0	263	20.7			
145							24.0	232	27.2	55.3	261	20.3			
150										51.5	257	19.3			
155										47.5	253	18.5			
160										43.1	248	17.6			
165										38.4	241	16.8			
170										33.1	234	16.1			
175										26.8	225	15.4			
180										18.5	212	14.7			
221													37.0	201	2.5
225													33.6	196	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 105 ft luffing jib 191 [ft] (2220), 105 [ft] (1311)</b>															
43	78.0	304	79.1												
45	76.9	304	79.1												
50	74.1	302	77.9												
55	71.2	301	76.2												
59				75.0	302	78.5									
60	68.3	299	74.5	74.2	301	78.4									
65	65.3	296	72.2	71.3	300	78.0									
70	62.2	294	70.3	68.4	298	76.6									
75	59.1	291	68.0	65.4	295	74.7									
80	55.8	287	65.6	62.3	293	69.4									
85	52.4	284	59.9	59.2	290	64.4									
90	48.8	279	57.2	55.9	287	59.9									
95	45.0	274	52.8	52.5	283	56.0									
99							67.0	291	44.0						
100	40.9	269	48.8	48.9	279	52.6	66.4	291	43.5						
105	36.4	262	45.3	45.1	274	49.4	63.4	289	40.9						
110	31.3	255	42.5	41.0	268	46.6	60.2	286	38.5						
115	25.3	245	39.8	36.5	262	44.1	57.0	283	36.4						
120	19.5	235	19.6	31.5	254	41.8	53.6	279	34.5						
125				25.5	244	39.6	51.0	276	32.8						
130				17.7	231	37.6	47.3	271	31.1						
135							43.4	266	29.6						
140							39.1	260	28.2						
145							34.4	253	26.9						
147										57.0	271	19.2			
150							29.1	245	25.7	55.7	270	18.8			
155							22.5	234	24.5	52.3	266	18.0			
160										48.7	262	17.2			
165										44.9	257	16.4			
170										40.8	251	15.7			
175										36.3	244	15.0			
180										31.2	237	14.3			
185										25.2	227	13.7			
190										17.3	213	13.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 115 ft luffing jib 191 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	314	71.8												
50	75.5	312	71.1												
55	72.9	311	69.9												
60	70.3	309	68.5												
61				75.0	311	71.2									
65	67.6	307	66.9	73.0	310	71.0									
70	64.8	305	62.0	70.3	308	70.3									
75	62.0	302	60.5	67.6	306	69.1									
80	59.1	299	58.4	64.9	304	67.5									
85	56.1	296	56.2	62.1	301	62.6									
90	53.0	292	54.3	59.2	298	59.6									
95	49.8	288	52.6	56.2	295	55.7									
100	46.3	283	48.8	53.1	291	52.2									
103							67.0	301	41.5						
105	42.7	278	45.3	49.9	287	49.1	65.8	300	40.4						
110	38.8	272	42.2	46.5	283	46.3	63.0	297	38.1						
115	34.5	265	39.6	42.8	277	43.8	60.2	294	36.0						
120	29.7	257	37.4	38.9	271	41.5	57.2	291	34.0						
125	23.9	246	35.2	34.7	264	39.4	54.9	288	32.3						
130	18.4	236	17.8	29.9	256	37.4	51.7	284	30.7						
135				24.1	246	35.6	48.4	280	29.2						
140				18.6	235	19.4	44.9	275	27.8						
145							41.2	270	26.6						
150							37.2	263	25.4						
152										57.0	279	17.7			
155							32.7	256	24.2	56.1	278	17.5			
160							27.5	247	23.2	53.0	274	16.7			
165							21.2	235	22.2	49.7	270	15.9			
170										46.3	266	15.2			
175										42.7	260	14.6			
180										38.8	254	13.9			
185										34.5	247	13.3			
190										29.6	239	12.7			
195										23.9	229	12.2			
200										16.2	214	11.6			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>191</b>
<b>counterweight [1000 lbs]:</b>	<b>143.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>79.4</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>125</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 125 ft luffing jib 191 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	323	61.9												
50	76.7	323	61.9												
55	74.3	321	60.9												
60	71.9	320	59.7												
64				75.0	321	61.0									
65	69.4	318	58.5	74.4	320	61.0									
70	66.9	316	56.8	72.0	319	60.7									
75	64.4	313	55.1	69.5	317	59.7									
80	61.8	311	53.9	67.0	315	58.6									
85	59.1	308	52.0	64.5	312	57.1									
90	56.4	304	50.1	61.9	310	55.9									
95	53.5	301	48.5	59.2	307	54.3									
100	50.6	297	47.2	56.5	304	52.0									
105	47.5	292	44.3	53.6	300	48.9									
107							67.0	310	39.3						
110	44.2	287	41.4	50.7	296	46.1	65.3	308	37.8						
115	40.8	282	38.7	47.6	291	43.6	62.8	306	35.7						
120	37.0	275	36.4	44.3	286	41.3	60.1	303	33.8						
125	32.9	268	34.4	40.9	281	39.2	58.0	300	32.1						
130	29.4	261	18.0	37.2	274	37.3	55.3	297	30.5						
135	24.1	251	17.0	33.1	267	35.5	52.4	293	29.0						
140	17.3	237	16.0	28.4	258	33.8	49.4	289	27.6						
145				24.3	250	18.7	46.2	284	26.3						
150				17.6	236	17.4	42.9	279	25.1						
155							39.3	273	24.0						
158										57.0	287	16.6			
160							35.4	266	23.0	56.3	287	16.4			
165							31.1	258	22.0	53.5	283	15.6			
170							26.2	249	21.1	50.5	279	14.9			
175							20.1	236	20.2	47.5	274	14.3			
180										44.2	269	13.7			
185										40.7	264	13.1			
190										37.0	257	12.5			
195										32.9	250	12.0			
200										28.2	241	11.4			
205										22.6	230	10.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 135 ft luffing jib 191 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	333	56.0												
50	77.7	333	56.0												
55	75.5	332	55.5												
60	73.3	330	54.6												
65	71.0	328	53.5												
66				75.0	330	55.3									
70	68.7	326	52.5	73.3	329	55.1									
75	66.4	324	50.9	71.1	327	54.7									
80	64.0	322	49.6	68.8	325	53.7									
85	61.6	319	48.6	66.5	323	52.6									
90	59.2	316	46.9	64.1	321	51.4									
95	56.6	313	45.3	61.7	318	50.5									
100	54.0	309	44.0	59.2	315	49.1									
105	51.3	305	42.8	56.7	312	47.6									
110	48.5	301	40.8	54.1	309	45.8									
111							67.0	319	37.1						
115	45.5	296	38.3	51.4	305	43.3	64.9	317	35.2						
120	42.4	291	35.9	48.5	300	41.0	62.5	314	33.3						
125	39.0	285	33.8	45.6	295	38.9	60.7	312	31.6						
130	36.3	280	18.1	42.5	290	37.0	58.2	309	30.0						
135	32.5	272	17.2	39.2	284	35.2	55.6	305	28.5						
140	28.1	263	16.4	35.6	277	33.5	52.9	302	27.2						
145	23.0	252	15.6	32.6	271	19.0	50.2	298	25.9						
150				28.3	263	18.0	47.3	293	24.7						
155				23.2	252	17.1	44.3	288	23.6						
160				16.6	237	16.0	41.1	282	22.6						
163										57.0	296	15.3			
165										56.6	295	15.2			
170							37.7	276	21.6	54.0	292	14.5			
175							33.9	269	20.7	51.2	288	13.8			
180							29.8	261	19.9	48.4	283	13.2			
185							25.0	251	19.0	45.5	278	12.6			
190							19.1	238	18.2	42.3	273	12.1			
195										39.0	267	11.5			
200										35.4	260	11.0			
205										31.4	252	10.6			
210										26.9	243	10.1			
215										21.6	231	9.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 144 ft luffing jib 191 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	343	50.1												
55	76.5	342	50.1												
60	74.4	340	49.3												
65	72.4	339	48.4												
69				75.0	340	49.5									
70	70.2	337	47.5	74.5	339	49.5									
75	68.1	335	46.5	72.4	338	49.3									
80	65.9	333	45.2	70.3	336	48.7									
85	63.7	330	44.1	68.2	334	47.8									
90	61.5	328	43.3	66.0	332	46.8									
95	59.2	325	41.9	63.8	329	45.8									
100	56.8	321	40.5	61.6	327	45.0									
105	54.4	318	39.3	59.2	324	43.8									
110	51.9	314	38.3	56.9	321	42.6									
114							67.0	328	35.0						
115	49.3	310	37.0	54.5	317	41.5	66.7	327	34.8						
120	46.6	305	34.8	52.0	313	40.6	65.1	326	32.9						
125	44.4	301	19.5	49.4	309	38.5	62.8	323	31.2						
130	41.4	296	18.2	46.6	304	36.6	60.6	320	29.6						
135	38.3	290	17.0	43.8	299	34.9	58.2	317	28.1						
140	34.9	283	16.1	40.8	294	33.2	55.9	314	26.8						
145	31.1	275	15.5	38.4	289	18.9	53.4	310	25.5						
150	26.9	265	14.9	35.0	282	17.8	50.9	306	24.3						
155	22.0	254	14.3	31.3	274	17.1	48.2	302	23.2						
160				27.1	265	16.3	45.4	297	22.2						
165				22.2	253	15.5	42.5	292	21.2						
168										57.0	304	14.0			
170										56.8	304	14.0			
175										54.3	300	13.3			
180										51.8	296	12.7			
185										49.2	292	12.2			
190										46.5	287	11.6			
195										43.7	282	11.1			
200										40.7	276	10.6			
205										37.5	270	10.1			
210										34.0	263	9.7			
215										30.2	255	9.2			
220										25.8	245	8.8			
225										20.6	233	8.4			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 154 ft luffing jib 191 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	352	45.2												
55	77.4	352	45.2												
60	75.5	351	44.7												
65	73.5	349	44.2												
70	71.6	347	43.3												
71				75.0	349	44.5									
75	69.6	346	42.6	73.6	348	44.4									
80	67.6	344	41.6	71.6	347	44.3									
85	65.5	341	40.6	69.6	345	43.6									
90	63.5	339	39.7	67.6	343	42.9									
95	61.4	336	39.0	65.6	340	42.0									
100	59.2	333	37.8	63.5	338	41.2									
105	57.0	330	36.7	61.4	335	40.5									
110	54.7	326	35.7	59.3	332	39.6									
115	52.4	323	34.8	57.1	329	38.8									
118							67.0	337	33.2						
120	50.0	319	34.0	54.8	326	38.0	66.8	337	32.6						
125	48.1	315	19.9	52.5	322	37.4	64.7	334	30.9						
130	45.5	310	18.7	50.1	318	36.4	62.6	332	29.3						
135	42.8	305	17.7	47.6	313	34.6	60.5	329	27.8						
140	39.9	299	16.7	45.6	309	21.3	58.3	326	26.5						
145	36.9	293	15.8	42.9	304	19.9	56.1	322	25.2						
150	33.6	285	15.2	40.0	298	18.7	53.8	319	24.0						
155	30.0	277	14.6	37.0	292	17.6	51.4	315	23.0						
160	25.9	267	14.0	33.7	285	16.7	49.0	311	21.9						
165	21.1	255	13.4	30.1	276	16.0	46.4	306	21.0						
170				26.0	267	15.2	43.8	301	20.1						
174										57.0	312	13.0			
175				21.2	255	14.5	41.0	295	19.2	57.0	312	13.0			
180							38.0	289	18.4	54.7	309	12.4			
185							34.8	282	17.7	52.4	305	11.8			
190							31.3	274	17.0	49.9	301	11.3			
195							27.5	265	16.3	47.4	296	10.8			
200							23.0	254	15.6	44.8	291	10.3			
205										42.1	286	9.8			
210										39.2	280	9.4			
215										36.1	273	9.0			
220										32.7	266	8.6			
225										29.0	257	8.2			
230										24.8	247	7.8			
235										19.7	234	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 191  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 164 ft luffing jib 191 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	362	40.3												
60	76.3	361	40.1												
65	74.5	359	39.6												
70	72.7	358	39.0												
74				75.0	359	39.6									
75	70.9	356	38.3	74.6	358	39.5									
80	69.0	354	37.8	72.8	357	39.4									
85	67.1	352	36.9	70.9	355	39.1									
90	65.2	350	36.0	69.1	353	38.6									
95	63.2	347	35.2	67.2	351	38.1									
100	61.2	345	34.6	65.2	349	37.3									
105	59.2	342	33.7	63.3	346	36.6									
110	57.6	339	26.5	61.3	344	36.0									
115	55.5	336	24.0	59.3	341	35.5									
120	53.3	332	21.8	57.2	338	34.9									
122							67.0	346	31.0						
125	51.1	328	19.9	55.1	334	34.5	66.3	345	30.4						
130	48.8	324	18.8	52.9	330	34.0	64.4	343	28.8						
135	46.4	319	17.8	50.7	326	33.7	62.4	340	27.4						
140	43.9	314	17.0	48.9	323	22.5	60.4	337	26.0						
145	41.3	308	16.2	46.5	318	21.0	58.4	334	24.8						
150	38.5	302	15.4	44.0	313	19.7	56.3	331	23.6						
155	35.6	296	14.8	41.4	308	18.5	54.2	327	22.5						
160	32.4	288	14.3	38.6	302	17.3	51.9	324	21.5						
165	28.9	279	13.7	35.7	295	16.4	49.7	319	20.6						
170	24.9	269	13.1	32.5	287	15.6	47.3	315	19.7						
175	20.2	257	12.6	29.0	279	14.9	44.9	310	18.9						
179										57.0	320	11.8			
180				25.1	268	14.2	42.3	304	18.1	57.0	320	11.7			
185				20.4	256	13.5	39.6	299	17.3	55.0	317	11.2			
190							36.7	292	16.6	52.8	313	10.7			
195							33.6	285	15.9	50.6	309	10.2			
200							30.2	276	15.3	48.2	305	9.7			
205							26.5	267	14.7	45.8	300	9.3			
210							22.1	255	14.1	43.3	295	8.9			
215										40.6	289	8.5			
220										37.8	283	8.1			
225										34.8	276	7.7			
230										31.6	268	7.4			
235										28.0	259	7.0			
240										23.9	248	6.7			
245										18.9	235	6.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 174 ft luffing jib 191 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	371	36.6												
60	77.1	371	36.6												
65	75.4	370	36.1												
70	73.7	368	35.7												
75	72.0	367	35.1												
76				75.0	368	35.9									
80	70.2	365	34.5	73.8	367	35.9									
85	68.5	363	34.0	72.0	366	35.7									
90	66.7	361	33.2	70.3	364	35.4									
95	65.3	359	30.6	68.5	362	35.1									
100	63.4	356	29.7	66.7	360	34.6									
105	61.6	354	29.1	64.9	357	34.0									
110	59.7	351	26.7	63.1	355	33.4									
115	57.7	348	24.4	61.6	353	30.1									
120	55.7	344	22.3	59.7	350	28.6									
125	53.7	341	20.5	57.8	347	27.0									
126							67.0	355	29.3						
130	51.6	337	18.9	55.8	343	25.6	66.0	354	28.4						
135	49.5	333	17.8	53.8	340	24.3	64.1	351	26.9						
140	47.2	328	16.8	51.7	336	23.3	62.3	349	25.6						
145	44.9	323	16.0	49.5	332	21.9	60.4	346	24.4						
150	42.5	318	15.1	47.3	327	20.5	58.5	343	23.2						
155	40.0	312	14.4	45.0	322	19.1	56.5	339	22.1						
160	37.3	305	13.7	42.6	317	17.9	54.5	336	21.1						
165	34.4	298	13.2	40.0	311	16.7	52.4	332	20.2						
170	31.3	290	12.7	37.4	305	15.6	50.3	328	19.3						
175	27.9	281	12.3	34.5	298	14.8	48.1	324	18.5						
180	24.1	271	11.9	31.4	290	14.3	45.8	319	17.7						
185										57.0	329	10.5			
185	19.5	258	11.5	28.0	281	13.7	43.4	314	16.9	57.0	329	10.5			
190				24.2	270	13.2	40.9	308	16.2	55.2	326	10.0			
195				19.6	257	12.6	38.3	302	15.6	53.2	322	9.5			
200							35.5	295	14.9	51.1	318	9.1			
205							32.5	287	14.3	48.9	314	8.6			
210							29.2	279	13.7	46.7	309	8.2			
215							25.5	269	13.2	44.3	304	7.8			
220							21.3	257	12.6	41.9	299	7.5			
225										39.3	293	7.1			
230										36.6	286	6.8			
235										33.7	279	6.4			
240										30.5	270	6.1			
245										27.0	261	5.8			
250										23.0	250	5.5			
255										18.2	236	5.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 184 ft luffing jib 191 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	381	32.8												
60	78.0	381	30.8												
65	76.6	380	30.6												
70	75.0	379	30.4												
75	73.4	377	30.2												
79				75.0	378	32.3									
80	71.7	376	29.9	75.0	378	30.6									
85	70.1	374	29.6	73.4	376	30.6									
90	68.4	372	29.0	71.8	375	30.5									
95	66.7	370	28.1	70.1	373	30.1									
100	65.0	367	27.2	68.4	371	29.8									
105	63.2	365	26.4	66.8	369	29.1									
110	61.5	362	25.8	65.0	367	28.1									
115	59.7	359	23.9	63.3	364	27.3									
120	57.8	356	22.1	61.5	361	26.7									
125	56.0	353	20.5	59.7	358	25.7									
130							67.0	364	28.0						
130	54.0	349	19.1	57.9	355	24.8	67.0	364	27.8						
135	52.1	345	17.8	56.0	352	23.9	65.6	362	26.6						
140	50.0	341	16.7	54.1	348	23.1	63.9	360	25.3						
145	48.0	337	15.8	52.1	345	22.4	62.1	357	24.1						
150	45.8	332	14.9	50.1	340	21.4	60.3	354	22.9						
155	43.5	327	14.1	48.0	336	20.0	58.5	351	21.8						
160	41.2	321	13.4	45.9	331	18.6	56.6	348	20.8						
165	38.7	315	12.6	43.6	326	17.3	54.7	344	19.9						
170	36.1	308	12.0	41.3	320	16.1	52.8	341	19.0						
175	33.3	301	11.6	38.8	314	15.0	50.8	337	18.2						
180	30.3	293	11.3	36.2	308	14.0	48.7	332	17.4						
185	27.0	283	11.0	33.4	300	13.4	46.6	328	16.6						
190										57.0	337	9.5			
190	23.2	272	10.7	30.4	292	13.0	44.4	323	15.9	57.0	337	9.5			
195	18.8	259	10.4	27.1	283	12.6	42.1	317	15.3	55.5	334	9.1			
200				23.4	272	12.2	39.7	311	14.7	53.6	331	8.6			
205				18.9	258	11.8	37.1	305	14.1	51.6	327	8.2			
210							34.4	298	13.5	49.5	322	7.8			
215							31.5	290	12.9	47.4	318	7.4			
220							28.3	281	12.4	45.2	313	7.0			
225							24.7	270	11.9	43.0	308	6.7			
230							20.5	258	11.4	40.6	302	6.3			
235										38.1	296	6.0			
240										35.5	289	5.7			
245										32.6	281	5.4			
250										29.5	273	5.1			
255										26.1	263	4.8			
260										22.2	252	4.6			
265										17.5	237	4.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 194 ft luffing jib 191 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	391	27.4												
65	77.3	390	27.4												
70	75.8	389	27.2												
75	74.2	388	27.1												
80	72.7	386	26.8												
82				75.0	387	27.1									
85	71.1	384	26.5	74.3	387	27.1									
90	69.5	382	26.2	72.7	385	27.0									
95	68.0	380	25.7	71.2	383	26.8									
100	66.3	378	25.1	69.6	382	26.6									
105	64.7	376	24.5	68.0	380	26.3									
110	63.0	373	24.0	66.4	377	25.7									
115	61.4	371	23.6	64.8	375	25.1									
120	59.7	368	22.2	63.1	373	24.6									
125	57.9	365	21.0	61.4	370	24.2									
130	56.1	361	19.8	59.7	367	23.4									
134							67.0	373	24.9						
135	54.3	358	18.8	58.0	364	22.5	66.9	373	24.9						
140	52.5	354	17.9	56.2	360	21.8	65.3	371	24.7						
145	50.6	350	17.0	54.4	357	21.1	63.7	368	23.6						
150	48.6	346	16.2	52.5	353	20.5	62.0	366	22.5						
155	46.6	341	15.4	50.6	349	19.9	60.3	363	21.4						
160	44.5	336	14.7	48.7	345	18.9	58.6	360	20.4						
165	42.3	330	14.0	46.6	340	17.9	56.8	356	19.5						
170	40.0	325	13.4	44.5	335	17.0	55.0	353	18.6						
175	37.6	318	12.8	42.4	330	16.1	53.2	349	17.8						
180	35.1	311	12.2	40.1	324	15.3	51.3	345	17.0						
185	32.4	304	11.8	37.7	317	14.6	49.3	341	16.3						
190	29.4	295	11.4	35.2	311	14.0	47.3	336	15.6						
195	26.2	285	11.0	32.4	303	13.4	45.2	332	14.9						
195										57.0	345	8.3			
200	22.5	274	10.6	29.5	294	12.9	43.1	326	14.3	55.7	343	8.0			
205	18.1	260	10.2	26.3	285	12.3	40.9	321	13.7	53.9	339	7.6			
210				22.6	273	11.8	38.5	314	13.1	52.0	335	7.2			
215				18.3	259	11.2	36.0	308	12.6	50.1	331	6.8			
220							33.4	300	12.1	48.1	327	6.4			
225							30.5	292	11.6	46.1	322	6.1			
230							27.4	283	11.1	43.9	317	5.7			
235							23.9	272	10.6	41.7	311	5.4			
240							19.8	259	10.2	39.4	305	5.1			
245										37.0	299	4.8			
250										34.4	292	4.5			
255										31.7	284	4.3			
260										28.7	275	4.0			
265										25.3	265	3.8			
270										21.5	253	3.5			
275										16.8	238	3.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 143.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 200  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 135 ft luffing jib 200 [ft] (2220), 135 [ft] (1311)</b>															
50	78.0	342	52.4												
50	77.9	342	52.4												
55	75.7	341	52.0												
60	73.5	339	51.3												
65	71.3	337	50.2												
67				75.0	339	51.6									
70	69.0	335	49.2	73.8	338	51.6									
75	66.7	333	47.8	71.6	337	51.3									
80	64.3	331	46.5	69.3	335	50.2									
85	61.9	328	45.5	67.0	333	49.3									
90	59.5	325	44.0	64.6	330	48.1									
95	56.9	322	42.5	62.2	328	47.1									
100	54.3	319	41.2	59.8	325	46.0									
105	51.6	315	40.1	57.2	322	44.6									
110	48.8	310	38.4	54.6	318	43.4									
113							67.0	327	35.3						
115	45.9	306	36.1	52.0	314	42.3	66.0	326	34.4						
120	42.8	300	33.9	49.2	310	40.6	64.2	324	32.6						
125	40.3	296	18.3	46.2	305	38.6	61.8	322	30.9						
130	36.8	289	17.0	43.2	300	36.6	59.3	319	29.3						
135	33.0	282	16.2	39.9	294	34.9	56.8	316	27.9						
140	28.7	273	15.5	36.4	288	33.3	54.2	312	26.5						
145	23.7	263	14.9	33.4	282	18.0	51.4	308	25.3						
150	17.3	249	14.3	29.2	273	17.2	48.6	304	24.1						
155				24.4	263	16.3	45.7	299	23.0						
160				18.2	250	15.5	42.6	294	22.0						
165							39.3	288	21.1						
167										57.0	304	13.8			
170							35.7	281	20.2	55.9	302	13.5			
175							31.7	273	19.3	53.3	299	12.9			
180							27.3	264	18.5	50.5	295	12.4			
185							22.0	253	17.8	47.7	290	11.8			
190										44.7	285	11.3			
195										41.5	280	10.8			
200										38.1	273	10.3			
205										34.4	266	9.8			
210										30.4	258	9.4			
215										25.7	248	9.0			
220										20.0	236	8.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>66 ft luffing jib</b> <b>84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	180.7												
35				75.0	158	173.2									
40	66.4	155	149.0	70.8	157	145.5									
45	61.5	152	126.5	66.0	154	123.6									
50	56.3	149	109.7	61.1	152	107.2									
55	50.7	145	96.8	55.8	148	94.5									
56							67.0	153	86.2						
60	44.6	140	86.4	50.2	144	84.4	63.2	151	79.0						
65	37.7	134	77.9	44.1	139	76.1	58.1	148	71.3						
70	29.4	126	70.8	37.1	133	69.2	52.7	144	64.9						
75	17.5	113	64.7	28.6	125	63.3	46.8	139	59.4						
80							40.2	134	54.7						
81										57.0	142	49.7			
85							32.5	126	50.6	52.1	138	46.4			
90							22.4	116	47.0	46.2	134	43.1			
95										39.5	128	40.2			
100										31.7	120	37.6			
122													37.0	108	23.8
125													34.0	105	23.3
130													24.5	95	22.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	156.3									
40	69.7	166	148.8	73.4	167	145.3									
45	65.5	164	126.4	69.4	165	123.4									
50	61.2	161	109.6	65.2	163	107.0									
55	56.7	158	96.7	60.9	160	94.3									
60	51.9	154	86.3	56.3	157	84.2	67.0	162	78.7						
65	46.8	149	77.9	51.5	153	76.0	62.7	159	71.0						
70	41.2	144	70.8	46.4	148	69.1	58.3	156	64.6						
75	34.7	137	64.8	40.7	143	63.3	53.6	152	59.1						
80	27.0	128	59.7	34.2	136	58.3	48.6	148	54.5						
85	18.9	118	33.0	26.3	127	53.9	43.2	143	50.4						
86										57.0	150	45.4			
90							37.1	137	46.9	53.2	147	42.8			
95							29.9	129	43.7	48.1	142	39.9			
100							20.4	117	40.9	42.6	137	37.4			
105										36.4	131	35.1			
110										31.0	125	33.0			
130													37.0	114	21.7
130													37.0	114	21.5
135													31.3	107	20.5
140													22.3	97	19.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	148.7												
41				75.0	177	142.3									
45	68.5	174	126.2	71.9	176	123.1									
50	64.8	172	109.5	68.2	174	106.8									
55	61.0	169	96.5	64.5	171	94.1									
60	57.0	166	86.2	60.7	169	84.0									
64							67.0	171	72.3						
65	52.8	162	77.7	56.7	165	75.8	66.1	170	70.6						
70	48.4	158	70.7	52.5	162	68.9	62.4	168	64.2						
75	43.6	153	64.7	48.1	157	63.1	58.4	165	58.8						
80	38.3	147	59.6	43.2	152	58.2	54.3	161	54.2						
85	32.3	140	55.2	37.9	146	53.8	50.0	157	50.2						
90	25.0	130	51.3	31.8	138	50.0	45.3	152	46.6						
91										57.0	158	41.6			
95										53.9	155	39.6			
100	17.3	119	33.0	24.3	128	46.6	40.3	146	43.5	49.6	151	37.0			
105							34.5	140	40.7	44.9	146	34.8			
110							27.8	131	38.2	41.0	142	32.8			
115							21.2	122	33.0	35.4	135	30.9			
120										28.8	127	29.2			
138													37.0	120	19.4
140													35.6	118	19.2
145													29.1	110	18.2
150													20.6	98	17.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      95 ft luffing jib                      84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	135.5												
43				75.0	187	130.6									
45	70.9	185	126.1	73.8	186	123.0									
50	67.6	183	109.4	70.6	184	106.6									
55	64.3	181	96.4	67.4	182	94.0									
60	60.8	178	86.1	64.0	180	83.9									
65	57.3	175	77.6	60.6	177	75.7									
68							67.0	180	66.9						
70	53.6	171	70.6	57.0	174	68.8	65.5	179	64.0						
75	49.7	167	64.7	53.3	170	63.0	62.1	176	58.6						
80	45.5	162	59.6	49.3	166	58.1	58.5	173	54.0						
85	41.0	157	55.1	45.2	161	53.8	54.9	170	50.0						
90	36.0	150	51.3	40.6	156	50.0	51.1	166	46.5						
95	30.3	142	47.8	35.6	149	46.6	47.0	161	43.4						
97										57.0	166	38.5			
100	23.3	131	44.8	29.8	141	43.7	42.6	156	40.6	54.5	164	36.8			
105				22.7	130	41.0	37.8	150	38.1	50.7	160	34.6			
110							32.4	142	35.9	47.5	156	32.6			
115							26.0	133	33.8	43.2	151	30.8			
120							19.7	123	32.0	38.5	145	29.1			
125										33.2	138	27.5			
130										26.9	129	26.1			
146													37.0	126	17.7
150													33.4	121	17.1
155													27.2	112	16.3
160													19.1	99	15.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	118.2												
46				75.0	196	118.2									
50	69.8	194	109.2	72.5	195	106.4									
55	66.9	191	96.2	69.6	193	93.7									
60	63.8	189	85.8	66.6	191	83.6									
65	60.7	186	77.4	63.6	188	75.4									
70	57.5	183	70.4	60.5	186	68.6									
72							67.0	189	62.0						
75	54.1	180	64.4	57.2	182	62.8	64.9	187	58.3						
80	50.6	176	59.4	53.9	179	57.8	61.8	185	53.7						
85	47.0	171	55.0	50.4	175	53.5	58.6	182	49.7						
90	43.0	166	51.1	46.7	170	49.8	55.3	178	46.2						
95	38.7	160	47.7	42.7	165	46.4	51.9	174	43.1						
100	34.0	153	44.7	38.4	159	43.5	48.3	170	40.3						
102										57.0	175	35.5			
105	28.6	144	41.9	33.6	152	40.8	44.4	165	37.9	55.0	172	34.2			
110	21.9	133	39.4	28.1	143	38.4	40.3	159	35.6	52.4	170	32.2			
115				21.3	131	36.2	35.7	153	33.6	48.8	165	30.4			
120							31.8	147	31.8	45.0	160	28.7			
125							26.0	137	30.1	40.9	155	27.2			
130							18.3	124	28.5	36.4	148	25.8			
135										31.3	140	24.5			
140										25.3	131	23.2			
153													37.0	132	16.0
155													36.6	131	15.9
160													31.5	123	15.2
165													25.6	113	14.4
170													17.8	100	13.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      115 ft luffing jib                      84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	104.0									
50	71.6	204	103.0	74.1	205	104.0									
55	69.0	202	96.0	71.4	204	93.4									
60	66.2	200	85.6	68.8	202	83.4									
65	63.5	198	77.2	66.0	199	75.1									
70	60.6	195	70.1	63.2	197	68.3									
75	57.7	192	64.2	60.4	194	62.5									
75							67.0	198	57.6						
80	54.6	188	59.1	57.4	191	57.5	64.4	196	53.3						
85	51.5	184	54.7	54.4	187	53.3	61.6	193	49.3						
90	48.1	180	50.9	51.2	183	49.5	58.7	190	45.8						
95	44.6	175	47.5	47.9	179	46.2	55.7	187	42.7						
100	40.9	169	44.5	44.3	174	43.2	52.6	183	40.0						
105	36.8	163	41.7	40.6	168	40.6	49.3	179	37.6						
107										57.0	183	32.4			
110	32.3	155	39.3	36.5	162	38.2	45.9	174	35.3	56.1	182	31.9			
115	27.1	146	37.1	31.9	154	36.1	42.2	169	33.3	53.0	178	30.0			
120	20.6	134	35.0	26.6	145	34.1	39.2	164	31.6	49.8	174	28.4			
125				21.7	136	32.3	35.0	157	29.9	46.4	169	26.8			
130							30.2	149	28.3	42.7	164	25.4			
135							24.6	139	26.9	38.8	158	24.1			
140							17.2	125	25.5	34.5	151	22.9			
145										29.7	143	21.8			
150										24.0	132	20.8			
161													37.0	137	14.4
165													34.7	134	14.1
170													29.9	125	13.4
175													24.2	115	12.8
180													16.7	101	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	89.9	72.9	214	91.9									
60	68.2	211	85.4	70.5	212	83.2									
65	65.7	209	77.0	68.0	210	74.9									
70	63.1	206	70.0	65.5	208	68.1									
75	60.5	203	64.0	62.9	205	62.3									
79							67.0	207	53.8						
80	57.8	200	59.0	60.3	203	57.4	66.6	207	53.1						
85	55.0	197	54.6	57.6	199	53.1	64.1	204	49.1						
90	52.1	193	50.7	54.8	196	49.3	61.4	201	45.6						
95	49.1	189	47.3	51.9	192	46.0	58.8	198	42.5						
100	45.9	184	44.3	48.9	188	43.1	56.0	195	39.8						
105	42.6	179	41.6	45.7	183	40.4	53.2	191	37.3						
110	39.0	173	39.2	42.3	178	38.1	50.2	187	35.1						
113										57.0	191	30.2			
115	35.1	166	36.9	38.7	172	35.9	47.1	183	33.1	56.4	190	29.8			
120	30.8	158	34.9	34.8	165	33.9	44.6	179	31.4	53.5	187	28.1			
125	25.7	148	33.1	31.5	159	32.2	41.1	173	29.7	50.6	183	26.6			
130	21.1	139	31.4	26.6	149	30.6	37.4	167	28.2	47.5	178	25.2			
135				20.6	137	29.0	33.4	160	26.8	44.2	173	23.9			
140							28.8	151	25.4	40.8	167	22.7			
145							23.3	140	24.2	37.0	161	21.6			
150										32.9	154	20.6			
155										28.3	145	19.6			
160										22.7	134	18.7			
169													37.0	143	13.2
170													37.0	143	13.1
175													33.1	136	12.6
180													28.5	128	12.0
185													23.0	117	11.4
190													15.7	102	10.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	77.8	72.0	223	79.8									
65	67.6	219	75.9	69.7	221	74.6									
70	65.3	217	69.7	67.4	219	67.8									
75	62.9	215	63.8	65.1	216	62.0									
80	60.4	212	58.7	62.7	214	57.1									
83							67.0	216	50.2						
85	57.9	209	54.3	60.3	211	52.8	66.1	215	48.7						
90	55.4	205	50.5	57.7	208	49.0	63.7	213	45.2						
95	52.7	201	47.1	55.2	205	45.7	61.3	210	42.2						
100	49.9	197	44.1	52.5	201	42.8	58.8	207	39.4						
105	47.0	193	41.4	49.7	197	40.2	56.3	204	37.0						
110	44.0	188	38.9	46.8	192	37.8	53.6	200	34.8						
115	40.8	182	36.7	43.8	187	35.7	51.6	197	32.9						
118										57.0	199	28.0			
120	37.4	176	34.7	40.5	181	33.7	48.7	193	31.1	56.6	199	27.7			
125	34.5	170	33.0	37.9	176	32.0	45.8	188	29.4	54.0	195	26.2			
130	30.4	162	31.3	34.2	169	30.3	42.7	183	27.9	51.3	191	24.8			
135	25.8	152	29.7	30.1	161	28.8	39.4	177	26.5	48.5	187	23.6			
140	20.1	140	28.2	25.4	151	27.4	35.8	170	25.2	45.5	182	22.4			
145				19.6	138	26.1	31.9	162	24.0	42.4	177	21.3			
150							27.5	153	22.8	39.1	171	20.3			
155							22.2	142	21.7	35.5	164	19.3			
160										31.5	156	18.4			
165										27.0	147	17.6			
170										21.7	135	16.8			
177													37.0	149	11.8
180													35.6	147	11.6
185													31.7	139	11.0
190													27.2	130	10.5
195													21.9	118	10.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	68.1	71.2	231	69.5									
70	67.1	228	66.3	69.1	229	67.5									
75	64.9	226	63.3	66.9	227	61.7									
80	62.7	223	58.5	64.7	225	56.8									
85	60.4	220	54.1	62.5	222	52.5									
87							67.0	225	47.0						
90	58.0	217	50.2	60.2	220	48.8	65.6	224	44.9						
95	55.6	214	46.8	57.9	216	45.4	63.4	221	41.8						
100	53.2	210	43.8	55.5	213	42.5	61.2	218	39.1						
105	50.6	206	41.1	53.0	209	39.9	58.9	215	36.6						
110	48.0	202	38.7	50.4	205	37.5	56.5	212	34.5						
115	45.2	197	36.5	47.8	201	35.4	54.6	209	32.5						
120	42.3	191	34.5	45.0	196	33.4	52.1	206	30.7						
124										57.0	208	25.9			
125	39.9	187	32.7	42.8	192	31.7	49.5	201	29.1	56.8	207	25.8			
130	36.7	180	31.0	39.7	186	30.1	46.8	197	27.6	54.4	204	24.5			
135	33.1	173	29.5	36.4	179	28.6	44.0	192	26.2	51.9	200	23.2			
140	29.2	164	28.0	32.8	172	27.2	41.0	186	24.9	49.3	196	22.0			
145	24.7	154	26.7	28.9	163	25.9	37.8	180	23.7	46.6	191	20.9			
150	19.2	141	25.4	24.3	153	24.6	34.4	173	22.5	43.7	186	19.9			
155				18.7	139	23.5	30.6	165	21.5	40.7	180	19.0			
160							26.3	155	20.5	37.5	174	18.1			
165							21.2	143	19.6	34.0	167	17.2			
170										30.2	159	16.5			
175										25.9	149	15.7			
180										20.7	137	15.0			
185													37.0	155	10.6
185													37.0	155	10.5
190													34.2	149	10.1
195													30.4	141	9.6
200													26.1	132	9.2
205													20.9	120	8.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      154 ft luffing jib                      84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	57.2	68.5	238	58.3									
80	64.5	234	56.3	66.4	236	56.6									
85	62.4	232	53.8	64.4	233	52.3									
90	60.3	229	50.0	62.3	231	48.5									
91							67.0	234	44.1						
95	58.1	226	46.6	60.2	228	45.2	65.3	232	41.6						
100	55.9	222	43.6	58.0	225	42.3	63.2	230	38.8						
105	53.6	219	40.9	55.7	222	39.7	61.1	227	36.4						
110	51.2	215	38.5	53.4	218	37.3	58.9	224	34.2						
115	48.8	210	36.3	51.0	214	35.2	57.2	221	32.3						
120	46.2	206	34.3	48.6	210	33.2	54.9	218	30.5						
125	44.2	202	32.5	46.6	206	31.5	52.6	214	28.8						
129										57.0	216	24.4			
130	41.4	196	30.8	44.0	201	29.9	50.2	210	27.3	57.0	216	24.2			
135	38.5	190	29.3	41.2	195	28.4	47.7	206	25.9	54.7	212	22.9			
140	35.3	183	27.9	38.2	189	27.0	45.1	201	24.6	52.4	209	21.8			
145	31.9	175	26.5	35.1	182	25.7	42.4	195	23.4	50.0	204	20.7			
150	28.1	166	25.3	31.6	174	24.5	39.5	189	22.3	47.5	200	19.7			
155	23.7	156	24.1	27.8	165	23.3	36.4	183	21.3	44.9	195	18.7			
160	18.3	142	23.0	23.3	154	22.3	33.1	175	20.3	42.1	190	17.8			
165							29.5	167	19.4	39.2	184	17.0			
170							25.3	157	18.5	36.1	177	16.2			
175							20.3	145	17.7	32.8	169	15.5			
180										29.1	161	14.8			
185										24.9	151	14.1			
190										19.8	138	13.5			
193													37.0	161	9.5
195													36.3	160	9.4
200													32.9	152	8.9
205													29.2	143	8.5
210													25.0	133	8.1
215													20.0	121	7.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	51.4									
85	64.2	243	50.4	66.0	244	50.9									
90	62.3	240	49.7	64.1	242	48.2									
95							67.0	243	41.4						
95	60.3	237	46.3	62.1	239	44.9	66.8	243	41.2						
100	58.2	234	43.3	60.1	236	42.0	64.9	241	38.5						
105	56.1	231	40.6	58.1	233	39.4	63.0	238	36.0						
110	54.0	227	38.2	56.0	230	37.0	61.0	235	33.9						
115	51.8	223	36.0	53.8	226	34.9	59.4	233	32.0						
120	49.5	219	34.0	52.1	223	33.0	57.3	230	30.2						
125	47.7	216	32.3	49.8	219	31.2	55.2	227	28.5						
130	45.2	211	30.6	47.5	215	29.6	53.1	223	27.0						
134										57.0	224	22.7			
135	42.7	205	29.0	45.0	210	28.1	50.8	219	25.6	57.0	224	22.5			
140	40.0	200	27.6	42.5	205	26.7	48.5	214	24.3	55.0	221	21.4			
145	37.1	193	26.3	39.8	199	25.4	46.1	210	23.1	52.8	217	20.3			
150	34.1	186	25.0	36.9	192	24.2	43.6	205	22.0	50.6	213	19.3			
155	30.8	178	23.9	33.8	185	23.1	40.9	199	21.0	48.3	209	18.4			
160	27.1	168	22.8	30.5	177	22.0	38.2	193	20.0	45.8	204	17.5			
165	22.8	157	21.8	26.7	167	21.1	35.2	186	19.1	43.3	199	16.7			
170	17.5	143	20.8	22.4	156	20.1	32.0	178	18.2	40.7	193	15.9			
175							28.4	169	17.4	37.9	187	15.2			
180							24.4	159	16.6	34.9	180	14.5			
185							19.5	146	15.9	31.6	172	13.8			
190										28.0	163	13.2			
195										23.9	152	12.6			
200										19.0	139	12.0			
201													37.0	167	8.4
205													35.0	162	8.1
210													31.8	155	7.7
215													28.2	146	7.3
220													24.1	135	6.9
225													19.2	122	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	43.9									
95	62.1	248	42.9	63.8	250	43.4									
98							67.0	252	38.9						
100	60.2	246	42.3	62.0	248	41.7	66.4	252	38.1						
105	58.3	243	40.3	60.1	245	39.1	64.6	249	35.7						
110	56.3	239	37.9	58.1	242	36.7	62.8	247	33.5						
115	54.3	236	35.7	56.2	239	34.6	61.3	245	31.6						
120	52.2	232	33.7	54.6	236	32.7	59.4	242	29.8						
125	50.6	229	32.0	52.5	232	30.9	57.5	238	28.2						
130	48.4	224	30.3	50.4	228	29.3	55.5	235	26.6						
135	46.1	220	28.8	48.2	224	27.8	53.4	231	25.3						
140										57.0	232	21.0			
140	43.8	214	27.3	45.9	219	26.4	51.3	227	24.0	57.0	232	20.8			
145	41.3	209	26.0	43.6	214	25.1	49.2	223	22.8	55.3	229	19.9			
150	38.7	203	24.8	41.1	208	23.9	46.9	219	21.7	53.2	226	18.9			
155	35.9	196	23.6	38.5	202	22.8	44.6	214	20.6	51.1	222	18.0			
160	33.0	189	22.6	35.7	195	21.8	42.2	208	19.7	49.0	217	17.1			
165	29.7	180	21.6	32.7	188	20.8	39.6	202	18.8	46.7	213	16.3			
170	26.1	170	20.6	29.5	179	19.9	36.9	196	17.9	44.4	208	15.5			
175	22.0	159	19.7	25.8	169	19.0	34.0	188	17.1	41.9	202	14.8			
180	16.8	144	18.8	21.6	157	18.2	30.9	180	16.4	39.4	196	14.1			
185							27.4	171	15.6	36.6	190	13.5			
190							23.5	160	14.9	33.7	182	12.9			
195							18.8	147	14.3	30.6	174	12.3			
200										27.1	165	11.7			
205										23.1	154	11.2			
208													37.0	173	7.3
210													36.8	172	7.3
215													33.8	165	6.9
220													30.7	157	6.5
225													27.2	148	6.2
230													23.2	137	5.8
235													18.5	123	5.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	37.6									
102							67.0	261	36.7						
105	60.2	254	36.5	61.8	256	37.2	66.1	260	35.4						
110	58.4	251	35.9	60.0	253	36.5	64.3	258	33.2						
115	56.5	248	35.4	58.2	250	34.3	63.0	256	31.3						
120	54.6	244	33.5	56.8	248	32.2	61.2	253	29.5						
125	53.1	241	31.7	54.9	244	30.7	59.4	250	27.9						
130	51.1	237	30.1	52.9	241	29.1	57.6	247	26.4						
135	49.0	233	28.5	50.9	237	27.6	55.7	244	25.0						
140	46.9	228	27.1	48.9	232	26.2	53.8	240	23.7						
145										57.0	241	19.6			
145	44.7	224	25.8	46.8	228	24.9	51.8	236	22.5	57.0	241	19.4			
150	42.4	218	24.6	44.5	223	23.7	49.8	232	21.4	55.5	238	18.6			
155	40.0	212	23.4	42.2	217	22.6	47.7	227	20.4	53.6	234	17.7			
160	37.5	206	22.3	39.8	211	21.6	45.5	223	19.4	51.6	230	16.8			
165	34.8	199	21.3	37.3	205	20.6	43.2	217	18.5	49.6	226	16.0			
170	31.9	191	20.4	34.6	198	19.7	40.9	212	17.7	47.5	222	15.3			
175	28.8	182	19.5	31.7	190	18.8	38.4	205	16.9	45.3	217	14.5			
180	25.3	172	18.7	28.5	181	18.0	35.8	199	16.1	43.0	211	13.9			
185	21.2	160	17.9	25.0	171	17.2	33.0	191	15.4	40.6	206	13.2			
190	16.2	145	17.1	20.9	159	16.5	29.9	183	14.7	38.1	199	12.6			
195							26.5	173	14.1	35.5	193	12.0			
200							22.7	162	13.5	32.7	185	11.5			
205							18.1	148	12.9	29.6	177	11.0			
210										26.2	167	10.5			
215										22.3	155	10.0			
216													37.0	179	6.5
220													35.6	175	6.3
225													32.8	168	5.9
230													29.7	159	5.6
235													26.3	150	5.3
240													22.5	138	4.9
245													17.8	124	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.6						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	29.6						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	29.5						
120	57.1	257	28.0	58.7	260	28.5	62.8	264	29.2						
125	55.3	254	27.6	56.9	256	28.1	61.1	261	27.5						
130	53.4	250	27.3	55.1	253	27.8	59.4	259	26.0						
135	51.5	246	27.0	53.3	249	27.3	57.7	255	24.7						
140	49.6	242	26.6	51.4	245	25.9	55.9	252	23.4						
145	47.6	237	25.5	49.5	241	24.6	54.1	248	22.2						
150	45.6	232	24.3	47.5	237	23.4	52.2	245	21.1						
150										57.0	249	18.0			
155	43.4	227	23.1	45.4	232	22.3	50.3	241	20.1	55.7	246	17.3			
160	41.2	222	22.1	43.3	226	21.3	48.3	236	19.1	53.9	243	16.5			
165	38.9	216	21.1	41.0	221	20.3	46.3	231	18.2	52.0	239	15.6			
170	36.4	209	20.1	38.7	215	19.4	44.2	226	17.4	50.1	235	14.9			
175	33.8	202	19.2	36.2	208	18.5	42.0	221	16.6	48.1	230	14.2			
180	31.0	194	18.4	33.6	201	17.7	39.7	215	15.8	46.1	226	13.5			
185	27.9	184	17.6	30.7	192	16.9	37.3	209	15.1	44.0	221	12.9			
190	24.5	174	16.9	27.7	183	16.2	34.7	201	14.4	41.8	215	12.3			
195	20.5	162	16.1	24.2	173	15.5	32.0	194	13.8	39.5	209	11.7			
200	15.5	146	15.4	20.2	160	14.8	29.0	185	13.2	37.0	203	11.1			
205							25.7	175	12.6	34.5	195	10.6			
210							22.0	163	12.0	31.7	188	10.1			
215							17.4	149	11.5	28.7	179	9.6			
220										25.4	169	9.2			
224													37.0	185	5.5
225										21.6	157	8.7	37.0	185	5.5
230													34.6	178	5.2
235													31.8	170	4.9
240													28.8	162	4.6
245													25.5	151	4.3
250													21.7	140	4.0
255													17.1	125	3.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	25.6						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	25.3						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	25.0						
135	53.7	259	23.6	55.3	261	24.2	59.4	267	24.3						
140	51.9	255	23.4	53.6	258	23.9	57.8	264	23.0						
145	50.1	251	23.1	51.8	254	23.7	56.1	261	21.8						
150	48.2	246	22.9	50.0	250	23.1	54.3	257	20.7						
155	46.3	241	22.7	48.1	245	22.0	52.6	253	19.7						
156										57.0	257	16.6			
160	44.3	236	21.8	46.2	241	21.0	50.8	249	18.8	55.9	255	16.1			
165	42.2	231	20.8	44.1	235	20.0	48.9	245	17.9	54.2	251	15.3			
170	40.1	225	19.9	42.1	230	19.1	47.0	240	17.0	52.4	248	14.5			
175	37.8	219	19.0	39.9	224	18.2	45.0	235	16.2	50.6	243	13.8			
180	35.4	212	18.1	37.6	218	17.4	43.0	230	15.5	48.7	239	13.1			
185	32.8	204	17.4	35.2	211	16.6	40.8	224	14.8	46.8	235	12.5			
190	30.1	196	16.6	32.6	203	15.9	38.6	218	14.1	44.8	230	11.9			
195	27.1	187	15.9	29.9	195	15.2	36.2	212	13.5	42.8	224	11.3			
200	23.7	176	15.2	26.8	185	14.6	33.8	204	12.9	40.6	218	10.8			
205	19.8	163	14.6	23.5	174	13.9	31.1	196	12.3	38.4	212	10.3			
210				19.5	161	13.3	28.2	187	11.8	36.0	206	9.8			
215							25.0	177	11.2	33.5	198	9.3			
220							21.3	165	10.7	30.8	190	8.9			
225							16.8	150	10.2	27.9	181	8.4			
230										24.6	170	8.0			
232													37.0	191	4.6
235										20.9	158	7.6	36.1	188	4.5
240													33.6	181	4.2
245													30.9	173	3.9
250													28.0	164	3.6
255													24.8	153	3.3
260													21.0	141	3.1
265													16.5	126	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	180.2												
37				75.0	168	164.3									
40	67.1	165	148.9	71.9	167	144.9									
45	62.2	163	126.4	67.2	165	123.0									
50	57.0	159	109.7	62.3	162	106.8									
55	51.5	156	96.7	57.1	159	94.1									
59							67.0	162	80.2						
60	45.5	151	86.3	51.6	155	84.1	65.7	161	77.9						
65	38.7	145	77.9	45.6	151	75.8	60.8	159	70.3						
70	30.6	137	70.8	38.9	145	68.9	55.5	155	63.9						
75	19.6	126	64.7	30.9	137	63.1	49.9	151	58.5						
80				23.0	129	33.0	43.7	146	53.9						
85										57.0	150	45.2			
85							36.6	140	49.9	56.7	150	45.0			
90							28.0	131	46.3	51.2	146	41.9			
95							18.9	122	33.0	45.1	142	39.1			
100										38.3	136	36.5			
105										30.2	128	34.3			
110										22.0	119	32.2			
129													37.0	115	20.7
130													37.0	115	20.5
135													28.6	107	19.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.8												
39				75.0	177	148.9									
40	70.2	176	148.7	74.4	177	144.7									
45	66.1	174	126.3	70.3	175	122.8									
50	61.8	171	109.6	66.2	173	106.5									
55	57.3	168	96.6	61.9	171	93.9									
60	52.6	164	86.3	57.4	168	83.9									
63							67.0	171	73.5						
65	47.5	160	77.8	52.7	164	75.7	64.9	170	69.9						
70	42.0	154	70.8	47.7	159	68.8	60.6	167	63.6						
75	35.7	148	64.8	42.1	154	63.0	56.0	164	58.3						
80	28.1	139	59.6	35.9	148	58.0	51.2	160	53.7						
85	17.7	126	55.1	28.4	139	53.7	46.0	155	49.7						
90				20.9	130	33.0	40.3	150	46.2						
90										57.0	159	41.4			
95							33.7	143	43.1	52.3	155	38.7			
100							25.7	133	40.3	47.2	151	36.2			
105										41.6	145	34.0			
110										36.9	140	32.1			
115										29.6	132	30.2			
120										20.0	120	28.5			
137													37.0	121	18.5
140													34.2	118	18.1
145													26.2	108	17.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	148.6												
42				75.0	187	136.0									
45	69.0	184	126.1	72.7	186	122.6									
50	65.3	182	109.4	69.1	184	106.3									
55	61.5	180	96.4	65.4	182	93.7									
60	57.6	176	86.1	61.6	179	83.7									
65	53.4	173	77.7	57.7	176	75.4									
66							67.0	180	67.7						
70	49.0	169	70.6	53.5	172	68.6	64.3	178	63.2						
75	44.3	164	64.7	49.2	168	62.8	60.5	176	57.9						
80	39.1	158	59.6	44.4	163	57.9	56.4	172	53.3						
85	33.2	151	55.1	39.2	157	53.6	52.2	169	49.4						
90	26.1	141	51.2	33.4	150	49.8	47.8	164	45.9						
95	16.1	127	47.7	26.3	141	46.5	42.9	159	42.8						
95										57.0	167	38.1			
100							37.6	153	40.1	53.2	164	35.9			
105							31.4	145	37.6	48.8	159	33.7			
110							23.8	135	35.4	45.2	156	31.7			
115										40.1	150	29.9			
120										34.3	143	28.3			
125										27.5	134	26.7			
130										18.3	121	25.3			
145													37.0	127	16.9
150													37.0	120	16.0
155													24.3	110	15.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 95 ft luffing jib 94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	134.1												
44				75.0	196	125.1									
45	71.3	195	126.0	74.6	196	122.4									
50	68.1	193	109.3	71.4	195	106.1									
55	64.7	191	96.3	68.1	193	93.6									
60	61.3	188	86.0	64.8	190	83.5									
65	57.8	185	77.6	61.4	188	75.3									
70	54.1	181	70.5	57.9	185	68.5									
70							67.0	189	62.8						
75	50.2	177	64.6	54.2	181	62.7	63.8	187	57.7						
80	46.1	173	59.5	50.3	177	57.8	60.4	184	53.2						
85	41.6	167	55.1	46.2	172	53.5	56.8	181	49.2						
90	36.7	161	51.2	41.7	167	49.8	53.0	177	45.7						
95	31.1	153	47.8	36.9	160	46.4	49.1	173	42.7						
100	24.4	143	44.7	31.3	153	43.5	44.9	168	40.0						
101										57.0	175	35.3			
105										53.9	172	33.4			
110				24.6	143	40.8	40.3	162	37.5	50.9	169	31.5			
115							29.4	147	33.3	46.8	165	29.7			
120							24.0	139	31.5	42.5	159	28.1			
125										37.6	153	26.6			
130										32.2	146	25.2			
135										25.7	136	23.9			
153													37.0	133	15.2
155													35.6	131	15.0
160													29.8	122	14.3
165													22.6	112	13.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 105 ft luffing jib 94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	116.2												
47				75.0	206	115.6									
50	70.2	204	109.1	73.2	205	105.9									
55	67.3	202	96.1	70.3	203	93.3									
60	64.3	199	85.8	67.4	201	83.2									
65	61.1	197	77.3	64.3	199	75.0									
70	57.9	193	70.3	61.2	196	68.2									
74							67.0	198	58.3						
75	54.6	190	64.4	58.0	193	62.5	66.4	198	57.3						
80	51.1	186	59.3	54.7	190	57.5	63.4	195	52.8						
85	47.5	182	54.9	51.2	186	53.3	60.3	193	48.9						
90	43.6	176	51.1	47.6	181	49.5	57.0	189	45.4						
95	39.4	171	47.7	43.7	176	46.2	53.7	186	42.4						
100	34.7	164	44.6	39.5	170	43.3	50.1	182	39.7						
105	29.4	155	41.9	34.8	163	40.6	46.4	177	37.2						
106										57.0	183	32.2			
110	22.9	144	39.4	29.5	155	38.2	42.4	172	35.0	55.2	182	31.1			
115				23.1	144	36.1	38.1	166	33.1	51.8	178	29.4			
120							34.5	160	31.3	48.1	173	27.7			
125							29.1	152	29.6	44.3	168	26.3			
130							22.6	141	28.1	40.1	163	24.9			
135										35.6	156	23.6			
140										30.4	148	22.4			
145										24.2	138	21.3			
160													37.0	138	13.7
165													33.6	133	13.2
170													28.1	125	12.6
175													21.2	113	12.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 115 ft luffing jib 94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	103.5									
50	72.0	214	102.8	74.7	215	103.5									
55	69.3	212	95.9	72.1	214	93.0									
60	66.6	210	85.5	69.4	212	82.9									
65	63.8	208	77.1	66.7	210	74.8									
70	61.0	205	70.1	63.9	207	67.9									
75	58.1	202	64.2	61.1	205	62.2									
78							67.0	207	54.2						
80	55.0	198	59.1	58.2	202	57.3	65.9	206	52.4						
85	51.9	195	54.7	55.1	198	53.0	63.1	204	48.5						
90	48.6	190	50.8	52.0	194	49.3	60.2	201	45.1						
95	45.1	185	47.4	48.7	190	46.0	57.2	198	42.0						
100	41.4	180	44.4	45.2	185	43.0	54.2	194	39.3						
105	37.4	174	41.7	41.5	180	40.4	51.0	190	36.9						
110	32.9	166	39.3	37.5	173	38.0	47.7	186	34.7						
112										57.0	192	29.8			
115	27.8	157	37.0	33.1	166	35.9	45.0	182	32.8	55.6	190	29.0			
120	21.6	146	35.0	28.0	157	33.9	41.2	177	31.0	52.5	186	27.3			
125				23.4	149	32.2	37.2	170	29.4	49.2	182	25.9			
130							32.7	163	27.8	45.8	177	24.5			
135							27.6	154	26.4	42.1	172	23.3			
140							21.3	142	25.1	38.1	166	22.1			
145										33.8	159	21.0			
150										28.8	150	20.0			
155										22.8	139	19.0			
168													37.0	144	12.3
170													36.4	143	12.2
175													31.9	136	11.6
180													26.6	126	11.0
185													20.0	114	10.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	90.5									
55	71.0	223	88.9	73.5	224	90.4									
60	68.6	221	85.4	71.1	222	82.7									
65	66.1	219	76.9	68.6	220	74.6									
70	63.5	216	69.9	66.1	218	67.7									
75	60.9	213	64.0	63.6	216	62.0									
80	58.2	210	58.9	61.0	213	57.1									
82							67.0	216	50.7						
85	55.4	207	54.5	58.3	210	52.8	65.4	215	48.3						
90	52.5	203	50.7	55.5	207	49.1	62.8	212	44.8						
95	49.5	199	47.3	52.6	203	45.8	60.1	210	41.8						
100	46.4	194	44.3	49.6	199	42.9	57.4	206	39.1						
105	43.1	189	41.6	46.5	194	40.2	54.6	203	36.7						
110	39.5	183	39.1	43.2	189	37.9	51.7	199	34.5						
115	35.7	177	36.9	39.6	183	35.7	49.4	196	32.6						
117										57.0	200	27.7			
120	31.4	169	34.9	35.8	176	33.8	46.2	191	30.8	55.9	199	27.1			
125	27.7	162	32.9	32.5	170	32.1	42.9	186	29.2	53.1	195	25.6			
130	22.0	150	31.4	27.8	161	30.4	39.3	180	27.7	50.1	191	24.3			
135				22.2	150	28.9	35.5	173	26.3	47.0	186	23.0			
140							31.2	165	25.0	43.7	181	21.9			
145							26.2	156	23.8	40.2	175	20.8			
150							20.2	143	22.6	36.4	169	19.8			
155										32.2	161	18.9			
160										27.4	152	18.0			
165										21.7	141	17.2			
176													37.0	150	11.1
180													34.8	146	10.8
185													30.4	138	10.3
190													25.3	128	9.8
195													18.9	115	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	78.0	72.5	233	79.8									
65	67.9	229	76.2	70.3	231	74.3									
70	65.6	227	69.6	68.0	229	67.5									
75	63.2	225	63.7	65.7	227	61.7									
80	60.8	222	58.7	63.3	224	56.8									
85	58.3	219	54.3	60.8	222	52.5									
86							67.0	225	47.4						
90	55.7	216	50.4	58.3	218	48.8	64.9	223	44.4						
95	53.1	212	47.0	55.8	215	45.5	62.5	221	41.4						
100	50.3	208	44.0	53.1	211	42.6	60.1	218	38.7						
105	47.5	203	41.3	50.4	207	40.0	57.6	215	36.3						
110	44.4	198	38.9	47.5	203	37.6	55.0	211	34.2						
115	41.3	193	36.7	44.5	198	35.5	52.9	209	32.3						
120	37.8	186	34.7	41.3	192	33.5	50.2	204	30.5						
122										57.0	208	25.7			
125	35.0	181	32.9	38.7	188	31.8	47.3	200	28.9	56.2	207	25.2			
130	31.0	173	31.2	35.1	181	30.2	44.3	195	27.4	53.5	204	23.9			
135	26.5	164	29.7	31.1	173	28.7	41.1	189	26.0	50.8	200	22.7			
140	21.0	152	28.2	26.6	163	27.3	37.7	183	24.7	48.0	195	21.5			
145				21.1	152	25.9	34.0	176	23.5	45.0	190	20.5			
150							29.8	168	22.4	41.8	185	19.5			
155							25.0	157	21.3	38.5	179	18.5			
160							19.1	145	20.3	34.8	172	17.7			
165										30.8	164	16.9			
170										26.2	154	16.1			
175										20.6	142	15.3			
184													37.0	156	10.0
185													37.0	156	9.9
190													33.3	149	9.4
195													29.0	140	9.0
200													24.1	130	8.5
205													17.9	116	8.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	68.9									
70	67.4	238	65.8	69.6	240	67.1									
75	65.2	236	63.1	67.4	238	61.4									
80	63.0	233	58.4	65.2	235	56.5									
85	60.7	230	54.0	63.0	233	52.2									
89							67.0	235	44.4						
90	58.4	227	50.1	60.7	230	48.5	66.8	234	44.1						
95	56.0	224	46.8	58.4	227	45.2	64.6	232	41.0						
100	53.5	220	43.7	56.0	224	42.3	62.3	229	38.4						
105	51.0	216	41.1	53.6	220	39.7	60.0	226	36.0						
110	48.3	212	38.6	51.1	216	37.3	57.7	223	33.8						
115	45.6	207	36.4	48.4	212	35.2	55.9	221	31.9						
120	42.7	202	34.4	45.7	207	33.2	53.4	217	30.1						
125	40.4	197	31.9	43.5	203	31.5	50.9	213	28.5						
128										57.0	217	23.8			
130	37.1	191	31.0	40.4	197	29.9	48.2	209	27.0	56.4	216	23.5			
135	33.6	184	29.4	37.2	191	28.4	45.5	204	25.6	54.0	212	22.3			
140	29.8	175	28.0	33.7	183	27.0	42.6	199	24.4	51.4	208	21.1			
145	25.3	165	26.7	29.9	175	25.7	39.5	193	23.2	48.8	204	20.1			
150	20.0	153	25.4	25.5	165	24.5	36.2	186	22.1	46.1	199	19.1			
155				20.2	153	23.4	32.6	178	21.1	43.2	194	18.2			
160							28.6	170	20.1	40.2	188	17.3			
165							24.0	159	19.2	37.0	182	16.5			
170							18.2	146	18.3	33.4	174	15.8			
175										29.5	166	15.0			
180										25.1	156	14.3			
185										19.7	143	13.7			
192													37.0	162	8.7
195													35.6	159	8.6
200													31.9	152	8.1
205													27.8	143	7.7
210													23.1	132	7.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	59.4									
75	66.9	247	57.4	68.9	248	58.5									
80	64.8	244	56.5	66.9	246	56.2									
85	62.7	242	53.8	64.9	244	52.0									
90	60.6	239	49.9	62.8	241	48.3									
93							67.0	244	41.8						
95	58.4	236	46.5	60.7	238	45.0	66.3	243	40.8						
100	56.2	233	43.5	58.5	235	42.1	64.2	240	38.1						
105	53.9	229	40.8	56.3	232	39.4	62.2	238	35.7						
110	51.6	225	38.4	54.0	229	37.1	60.0	235	33.6						
115	49.1	221	36.2	51.6	225	35.0	58.3	233	31.7						
120	46.6	216	34.2	49.8	221	33.0	56.1	229	29.9						
125	44.6	212	31.8	47.2	217	31.3	53.8	226	28.3						
130	41.8	207	30.8	44.6	212	29.7	51.5	222	26.8						
133										57.0	225	22.2			
135	38.9	201	29.3	41.9	206	28.2	49.0	217	25.4	56.6	224	22.0			
140	35.8	194	27.8	39.0	200	26.8	46.5	213	24.1	54.3	221	20.9			
145	32.4	186	26.5	35.8	194	25.5	43.8	208	23.0	52.0	217	19.8			
150	28.6	178	25.3	32.5	186	24.3	41.0	202	21.9	49.6	213	18.8			
155	24.3	167	24.1	28.7	177	23.2	38.0	196	20.8	47.0	208	17.9			
160	19.1	154	23.0	24.5	167	22.1	34.8	189	19.9	44.4	203	17.1			
165				19.3	154	21.1	31.4	181	19.0	41.6	197	16.3			
170							27.5	172	18.1	38.7	191	15.5			
175							23.0	161	17.3	35.6	185	14.8			
180							17.4	147	16.5	32.2	177	14.1			
185										28.4	168	13.5			
190										24.1	158	12.9			
195										18.8	144	12.3			
200													37.0	168	7.8
200													37.0	168	7.8
205													34.3	162	7.5
210													30.7	154	7.1
215													26.8	145	6.7
220													22.1	133	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	51.0									
85	64.5	253	49.8	66.5	255	50.5									
90	62.5	250	49.5	64.6	252	48.0									
95	60.5	247	46.3	62.6	250	44.7									
97							67.0	253	39.2						
100	58.5	244	43.3	60.6	247	41.8	65.9	251	37.7						
105	56.4	241	40.6	58.6	244	39.1	64.0	249	35.3						
110	54.3	238	38.1	56.5	241	36.8	62.0	246	33.2						
115	52.1	234	36.0	54.3	237	34.7	60.5	244	31.3						
120	49.8	229	34.0	52.6	234	32.8	58.4	241	29.5						
125	48.0	226	32.2	50.4	230	31.0	56.3	238	27.9						
130	45.6	221	30.5	48.1	226	29.4	54.2	234	26.4						
135	43.0	216	29.0	45.6	221	27.9	52.0	230	25.1						
138										57.0	233	20.6			
140	40.4	210	27.6	43.1	216	26.5	49.7	226	23.8	56.8	233	20.5			
145	37.5	204	26.2	40.4	210	25.3	47.3	222	22.6	54.7	229	19.4			
150	34.5	197	25.0	37.6	204	24.1	44.9	217	21.5	52.5	225	18.4			
155	31.2	189	23.9	34.6	196	22.9	42.3	211	20.5	50.2	221	17.5			
160	27.6	180	22.8	31.3	189	21.9	39.6	205	19.6	47.9	217	16.7			
165	23.4	169	21.8	27.7	179	20.9	36.7	199	18.7	45.4	212	15.9			
170	18.3	155	20.8	23.5	169	20.0	33.6	192	17.8	42.9	207	15.2			
175				18.5	155	19.1	30.3	183	17.0	40.2	201	14.4			
180							26.5	174	16.3	37.4	195	13.8			
185							22.1	162	15.6	34.3	187	13.2			
190							16.7	147	14.9	31.0	179	12.6			
195										27.4	170	12.0			
200										23.2	159	11.4			
205										18.0	145	10.9			
208													37.0	174	6.8
210													36.2	172	6.7
215													33.1	165	6.3
220													29.6	156	5.9
225													25.8	146	5.6
230													21.3	134	5.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 174 ft luffing jib 94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7												
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.5	66.1	263	44.2									
95	62.4	259	43.1	64.3	261	43.7									
100	60.5	256	42.6	62.4	258	41.4									
101							67.0	262	36.9						
105	58.6	253	40.3	60.5	255	38.8	65.5	260	35.0						
110	56.6	250	37.9	58.6	252	36.5	64.1	258	32.9						
115	54.6	246	35.7	56.6	249	34.4	62.3	255	31.0						
120	52.5	242	33.7	55.1	246	32.5	60.4	253	29.2						
125	50.9	239	31.9	53.0	243	30.7	58.5	250	27.6						
130	48.7	235	30.3	50.9	239	29.1	56.5	246	26.1						
135	46.4	230	28.7	48.8	234	27.6	54.5	243	24.7						
140	44.1	225	27.3	46.5	230	26.2	52.4	239	23.5						
144										57.0	241	19.0			
145	41.6	220	26.0	44.2	225	25.0	50.3	235	22.3	56.9	241	19.0			
150	39.1	213	24.7	41.7	219	23.8	48.1	230	21.2	54.9	238	18.0			
155	36.3	207	23.6	39.1	213	22.7	45.8	226	20.2	52.9	234	17.1			
160	33.4	199	22.5	36.4	207	21.6	43.4	220	19.2	50.8	230	16.3			
165	30.2	191	21.5	33.5	199	20.7	40.9	215	18.3	48.6	226	15.5			
170	26.6	182	20.6	30.3	191	19.7	38.3	209	17.5	46.3	221	14.8			
175	22.6	170	19.7	26.7	181	18.9	35.5	202	16.7	44.0	216	14.1			
180	17.6	156	18.8	22.7	170	18.0	32.5	194	16.0	41.5	210	13.4			
185				17.8	156	17.3	29.2	186	15.3	38.9	204	12.8			
190							25.6	176	14.6	36.2	197	12.2			
195							21.3	164	13.9	33.2	190	11.6			
200							16.0	148	13.3	30.0	182	11.1			
205										26.4	172	10.6			
210										22.3	161	10.1			
215										17.3	146	9.6			
215													37.0	180	5.8
220													35.0	175	5.5
225													32.0	167	5.2
230													28.6	158	4.9
235													24.9	148	4.6
240													20.5	136	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	37.4									
105							67.0	271	34.8						
105	60.4	264	36.2	62.3	267	37.0	66.9	271	34.7						
110	58.6	261	35.6	60.5	264	36.2	65.6	269	32.6						
115	56.7	258	35.1	58.7	261	34.1	63.9	267	30.7						
120	54.8	255	33.4	57.2	258	32.1	62.1	264	28.9						
125	53.4	252	31.4	55.3	255	30.5	60.3	261	27.3						
130	51.4	248	30.0	53.4	251	28.9	58.5	258	25.8						
135	49.3	244	28.5	51.4	247	27.4	56.7	255	24.5						
140	47.2	239	27.1	49.4	243	26.0	54.8	251	23.2						
145	45.0	234	25.8	47.3	239	24.7	52.8	248	22.0						
149										57.0	250	17.9			
150	42.7	229	24.5	45.1	234	23.5	50.8	244	20.9	57.0	250	17.7			
155	40.4	223	23.4	42.8	228	22.4	48.7	239	19.9	55.2	246	16.9			
160	37.9	217	22.3	40.4	223	21.4	46.6	235	19.0	53.3	243	16.0			
165	35.2	210	21.3	37.9	216	20.4	44.4	229	18.1	51.3	239	15.2			
170	32.3	202	20.4	35.3	209	19.5	42.1	224	17.3	49.2	234	14.5			
175	29.2	193	19.5	32.4	202	18.7	39.7	218	16.5	47.1	230	13.8			
180	25.8	184	18.6	29.3	193	17.8	37.1	212	15.7	44.9	225	13.2			
185	21.8	172	17.8	25.9	183	17.1	34.4	205	15.0	42.6	219	12.5			
190	16.9	157	17.1	21.9	172	16.3	31.5	197	14.4	40.2	214	11.9			
195							28.3	188	13.7	37.7	207	11.4			
200							24.7	177	13.1	35.0	200	10.9			
205							20.6	165	12.5	32.2	193	10.3			
210										29.1	184	9.9			
215										25.6	174	9.4			
220										21.6	162	8.9			
223													37.0	186	5.0
225													36.7	185	4.9
230													33.9	178	4.6
235													31.0	170	4.3
240													27.7	161	4.0
245													24.0	150	3.7
250													19.7	137	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	29.7						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	29.7						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	29.7						
120	57.3	267	28.2	59.1	270	28.8	63.7	275	28.6						
125	55.5	264	27.8	57.3	267	28.4	62.0	272	26.9						
130	53.7	260	27.5	55.6	264	28.0	60.3	270	25.5						
135	51.8	256	27.2	53.7	260	27.1	58.6	267	24.1						
140	49.9	252	26.8	51.9	256	25.7	56.8	263	22.8						
145	47.9	248	25.5	49.9	252	24.4	55.0	260	21.7						
150	45.8	243	24.2	47.9	247	23.2	53.2	256	20.6						
154										57.0	258	16.5			
155	43.7	238	23.1	45.9	243	22.1	51.3	252	19.6	57.0	258	16.4			
160	41.5	232	22.0	43.8	237	21.1	49.3	248	18.6	55.4	255	15.6			
165	39.2	226	21.0	41.6	232	20.1	47.3	243	17.8	53.6	251	14.9			
170	36.8	220	20.1	39.3	226	19.2	45.3	238	16.9	51.7	247	14.1			
175	34.2	213	19.2	36.8	219	18.4	43.1	233	16.1	49.8	243	13.4			
180	31.4	205	18.4	34.2	212	17.6	40.9	228	15.4	47.8	239	12.8			
185	28.3	196	17.6	31.5	204	16.8	38.5	221	14.7	45.7	234	12.2			
190	25.0	185	16.8	28.4	195	16.1	36.0	215	14.1	43.6	229	11.6			
195	21.1	173	16.1	25.1	185	15.4	33.4	207	13.4	41.4	223	11.0			
200	16.3	158	15.4	21.2	173	14.7	30.6	199	12.8	39.1	217	10.5			
205							27.4	190	12.3	36.6	210	10.0			
210							23.9	179	11.7	34.0	203	9.5			
215							19.9	166	11.2	31.2	195	9.1			
220										28.2	186	8.6			
225										24.8	176	8.2			
230										20.9	164	7.8			
231													37.0	192	4.1
235													35.6	188	3.9
240													32.9	180	3.6
245													30.0	172	3.4
250													26.9	163	3.1
255													23.3	152	2.8
260													19.1	138	2.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      203 ft luffing jib                      94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	25.4						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	25.2						
130	55.7	272	23.8	57.5	275	24.4	61.9	281	24.9						
135	54.0	269	23.5	55.8	272	24.1	60.3	278	23.7						
140	52.2	265	23.3	54.0	268	23.8	58.6	275	22.5						
145	50.4	261	23.0	52.2	265	23.6	56.9	272	21.3						
150	48.5	257	22.8	50.4	261	22.9	55.2	268	20.2						
155	46.6	252	22.5	48.6	256	21.8	53.5	265	19.2						
160										57.0	266	15.2			
160	44.6	247	21.8	46.6	251	20.8	51.7	261	18.3	57.0	266	15.1			
165	42.5	241	20.8	44.6	246	19.8	49.9	257	17.4	55.6	263	14.5			
170	40.4	236	19.8	42.6	241	18.9	48.0	252	16.6	53.9	260	13.7			
175	38.1	229	18.9	40.4	235	18.1	46.0	247	15.8	52.1	256	13.0			
180	35.7	223	18.1	38.2	229	17.3	44.0	242	15.1	50.3	252	12.4			
185	33.2	215	17.3	35.8	222	16.5	41.9	237	14.4	48.4	247	11.8			
190	30.5	207	16.6	33.3	215	15.8	39.7	231	13.7	46.5	243	11.2			
195	27.5	198	15.9	30.6	207	15.1	37.5	224	13.1	44.5	238	10.7			
200	24.2	187	15.2	27.6	197	14.5	35.0	218	12.5	42.4	232	10.1			
205	20.4	175	14.5	24.3	187	13.8	32.5	210	11.9	40.2	226	9.6			
210				20.5	174	13.2	29.7	201	11.4	38.0	220	9.2			
215							26.6	192	10.9	35.6	213	8.7			
220							23.2	181	10.4	33.1	206	8.3			
225							19.2	167	9.9	30.3	197	7.9			
230										27.4	188	7.5			
235										24.0	177	7.1			
239													37.0	198	3.3
240										20.2	165	6.7	37.0	198	3.2
245													34.6	191	3.0
250													32.0	183	2.7
255													29.2	174	2.5
260													26.1	164	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 66 ft luffing jib 104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	177.7												
38				75.0	178	156.0									
40	67.7	175	148.7	73.0	177	144.2									
45	62.8	173	126.3	68.3	175	122.4									
50	57.7	170	109.5	63.5	173	106.2									
55	52.3	166	96.6	58.4	170	93.7									
60	46.3	161	86.2	53.0	166	83.6									
61							67.0	172	74.7						
65	39.7	156	77.8	47.1	162	75.4	63.3	170	69.2						
70	31.9	148	70.7	40.6	156	68.6	58.2	167	62.9						
75	21.4	137	64.6	33.0	149	62.8	52.8	163	57.6						
80				23.0	139	57.8	46.9	158	53.1						
85							40.4	153	49.1						
89										57.0	159	41.2			
90										55.8	159	40.5			
95										50.2	155	37.8			
100										44.0	150	35.4			
105										37.1	143	33.2			
110										30.7	137	31.3			
136													37.0	122	17.7
140													32.2	117	17.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	158.8												
40	70.8	186	148.5												
40				75.0	187	141.9									
45	66.7	184	126.1	71.3	186	122.2									
50	62.4	181	109.4	67.2	184	106.0									
55	58.0	178	96.5	63.0	181	93.5									
60	53.3	175	86.1	58.5	178	83.5									
65	48.2	170	77.7	53.9	175	75.3									
65							67.0	181	68.7						
70	42.8	165	70.7	48.9	170	68.5	62.8	178	62.6						
75	36.6	159	64.7	43.5	165	62.7	58.4	175	57.3						
80	29.3	150	59.6	37.4	159	57.8	53.7	172	52.8						
85	19.5	139	55.1	30.3	151	53.4	48.7	167	48.9						
90				21.0	140	49.6	43.3	162	45.4						
94										57.0	168	37.8			
95										56.3	167	37.4			
100							37.2	156	42.4	51.5	163	35.0			
105							30.1	148	39.6	47.6	160	32.9			
110										42.0	154	31.0			
115										35.8	148	29.2			
120										28.2	139	27.6			
144													37.0	128	15.9
145													36.8	127	15.9
150													29.6	119	15.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft luffing jib 104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	147.1												
43				75.0	197	130.0									
45	69.5	195	125.9	73.6	196	121.9									
50	65.9	192	109.2	70.0	194	105.7									
55	62.1	190	96.3	66.3	192	93.2									
60	58.1	187	86.0	62.6	190	83.2									
65	54.0	183	77.5	58.7	187	75.0									
69							67.0	190	63.4						
70	49.7	179	70.5	54.6	183	68.3	66.2	189	62.2						
75	45.0	174	64.6	50.2	179	62.5	62.4	187	56.9						
80	39.9	168	59.5	45.6	174	57.6	58.5	184	52.5						
85	34.1	161	55.1	40.5	169	53.3	54.4	180	48.6						
90	27.2	152	51.2	34.9	162	49.6	50.1	176	45.1						
95	17.8	139	47.7	28.2	153	46.2	45.4	171	42.1						
100										57.0	176	34.8			
100				19.3	141	43.2	40.4	166	39.4	56.7	176	34.6			
105							34.7	159	37.0	53.5	173	32.6			
110							27.9	150	34.8	49.1	169	30.6			
115										44.4	164	28.9			
120										39.2	158	27.3			
125										33.3	151	25.8			
130										26.2	141	24.4			
152													37.0	134	14.3
155													34.3	130	13.9
160													27.4	121	13.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 95 ft luffing jib 104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.9												
45	71.7	205	125.8												
46				75.0	206	120.0									
50	68.5	203	109.1	72.1	205	105.6									
55	65.2	201	96.2	68.9	203	93.0									
60	61.8	198	85.9	65.6	201	83.1									
65	58.3	195	77.4	62.2	198	74.9									
70	54.6	192	70.4	58.7	195	68.1									
73							67.0	199	59.0						
75	50.8	188	64.5	55.1	192	62.4	65.5	198	56.7						
80	46.7	183	59.4	51.3	188	57.5	62.1	195	52.2						
85	42.3	178	55.0	47.2	183	53.2	58.6	192	48.4						
90	37.4	172	51.2	42.8	178	49.5	55.0	189	45.0						
95	32.0	164	47.7	38.1	172	46.2	51.1	185	42.0						
100	25.4	154	44.7	32.7	164	43.2	47.1	180	39.3						
105				26.3	155	40.6	42.7	175	36.9	57.0	184	31.9			
110				20.2	146	33.0	37.9	169	34.7	54.1	181	30.4			
115							33.8	163	32.8	50.3	177	28.7			
120							27.7	154	31.0	46.1	173	27.1			
125										41.7	167	25.6			
130										36.8	161	24.3			
135										31.2	153	23.1			
140										24.5	143	21.9			
159													37.0	140	13.1
160													37.0	140	13.0
165													32.2	133	12.4
170													25.7	123	11.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	114.6												
48				75.0	216	111.1									
50	70.6	214	108.9	73.9	215	105.3									
55	67.7	212	95.9	71.0	213	92.8									
60	64.7	209	85.6	68.1	211	82.8									
65	61.6	207	77.2	65.1	209	74.6									
70	58.4	204	70.2	62.0	207	67.8									
75	55.1	200	64.3	58.8	204	62.1									
77							67.0	208	54.8						
80	51.6	196	59.2	55.5	200	57.2	65.0	206	51.9						
85	48.0	192	54.8	52.1	196	53.0	61.9	204	48.0						
90	44.1	187	51.0	48.5	192	49.2	58.7	201	44.6						
95	40.0	181	47.6	44.6	187	46.0	55.4	197	41.6						
100	35.4	174	44.5	40.5	181	43.0	52.0	193	38.9						
105	30.2	166	41.8	36.0	175	40.4	48.3	189	36.6						
110	23.9	156	39.3	30.9	167	38.0	44.5	184	34.4						
110										57.0	192	29.5			
115				24.8	157	35.9	41.4	180	32.5	54.7	190	28.3			
120				18.8	147	33.0	36.9	173	30.7	51.2	186	26.7			
125							31.9	166	29.1	47.5	182	25.3			
130							26.1	156	27.6	43.6	176	24.0			
135										39.4	171	22.7			
140										34.7	164	21.6			
145										29.4	155	20.5			
150										23.0	145	19.5			
167													37.0	145	11.6
170													35.5	143	11.4
175													30.3	135	10.8
180													24.1	125	10.3

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>104</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	100.3												
51				75.0	225	100.8									
55	69.7	222	95.7	72.7	224	92.4									
60	67.0	220	85.4	70.0	222	82.5									
65	64.2	218	77.0	67.3	220	74.3									
70	61.4	215	70.0	64.6	218	67.5									
75	58.5	212	64.0	61.8	215	61.8									
80	55.5	209	59.0	58.9	212	56.9									
81							67.0	217	51.1						
85	52.3	205	54.6	55.9	209	52.7	64.5	215	47.6						
90	49.1	201	50.7	52.8	205	49.0	61.7	212	44.2						
95	45.6	196	47.4	49.5	201	45.7	58.8	209	41.2						
100	41.9	191	44.3	46.1	196	42.8	55.8	206	38.6						
105	38.0	184	41.6	42.4	191	40.2	52.6	202	36.2						
110	33.6	177	39.2	38.5	185	37.8	49.4	198	34.1						
115	28.6	168	37.0	34.2	178	35.7	46.8	194	32.2						
116										57.0	201	27.3			
120	22.6	157	34.9	29.3	169	33.7	43.2	189	30.4	55.1	198	26.3			
125				24.9	161	32.0	39.3	183	28.8	51.9	195	24.9			
130				17.7	148	30.3	35.1	176	27.3	48.6	190	23.6			
135							30.3	168	25.9	45.2	185	22.4			
140							24.7	158	24.6	41.4	180	21.2			
145										37.4	174	20.2			
150										33.0	166	19.2			
155										27.9	157	18.3			
160										21.7	146	17.4			
175													37.0	151	10.3
180													33.7	146	9.9
185													28.8	137	9.4
190													22.8	126	8.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	89.3									
55	71.4	233	88.1	74.1	234	89.3									
60	68.9	231	85.2	71.7	233	82.3									
65	66.4	229	76.8	69.2	231	74.1									
70	63.9	226	69.8	66.7	229	67.3									
75	61.2	224	63.9	64.2	226	61.6									
80	58.6	221	58.8	61.6	224	56.7									
84							67.0	226	47.9						
85	55.8	217	54.4	58.9	221	52.5	66.7	226	47.4						
90	52.9	214	50.6	56.2	217	48.8	64.1	223	44.0						
95	50.0	209	47.2	53.3	214	45.5	61.5	221	41.0						
100	46.8	205	44.2	50.3	209	42.6	58.8	218	38.4						
105	43.5	200	41.5	47.2	205	40.0	56.1	214	36.0						
110	40.0	194	39.1	44.0	200	37.6	53.2	211	33.8						
115	36.2	187	36.8	40.5	194	35.5	50.9	207	32.0						
120	32.0	180	34.8	36.7	188	33.6	47.9	203	30.2						
121										57.0	209	25.4			
125	28.4	173	32.3	33.6	182	31.9	44.6	198	28.6	55.4	207	24.6			
130	22.9	162	31.4	29.0	173	30.2	41.2	192	27.1	52.6	203	23.3			
135				23.7	163	28.7	37.5	186	25.8	49.6	199	22.1			
140							33.4	179	24.5	46.4	194	21.0			
145							28.9	170	23.3	43.1	189	20.0			
150							23.5	160	22.2	39.6	183	19.0			
155										35.7	177	18.1			
160										31.4	169	17.2			
165										26.5	159	16.4			
170										20.5	147	15.7			
183													37.0	157	9.2
185													36.3	156	9.2
190													32.2	149	8.7
195													27.4	139	8.3
200													21.6	128	7.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	76.3	73.1	243	77.8									
65	68.2	240	74.7	70.8	241	73.8									
70	65.9	237	69.5	68.5	239	67.0									
75	63.5	235	63.6	66.2	237	61.3									
80	61.1	232	58.5	63.8	235	56.4									
85	58.6	229	54.2	61.4	232	52.2									
88							67.0	235	44.8						
90	56.1	226	50.3	59.0	229	48.5	66.1	234	43.6						
95	53.4	222	46.9	56.4	226	45.2	63.8	232	40.6						
100	50.7	218	43.9	53.8	222	42.3	61.3	229	38.0						
105	47.9	214	41.2	51.1	218	39.7	58.9	226	35.6						
110	44.9	209	38.8	48.2	214	37.4	56.3	223	33.5						
115	41.7	203	36.6	45.3	209	35.2	54.3	220	31.6						
120	38.3	197	34.6	42.1	203	33.3	51.6	216	29.9						
125	35.5	192	30.7	39.6	199	31.6	48.8	212	28.3						
126										57.0	217	23.5			
130	31.6	184	30.0	36.0	192	30.0	45.9	207	26.8	55.7	216	22.9			
135	27.1	175	29.2	32.1	185	28.5	42.8	202	25.4	53.1	212	21.7			
140	21.8	163	28.1	27.7	176	27.1	39.5	196	24.2	50.3	208	20.6			
145				22.5	164	25.8	35.9	189	23.0	47.5	203	19.6			
150							32.0	181	21.9	44.5	198	18.6			
155							27.6	172	20.9	41.3	193	17.7			
160							22.3	161	19.9	37.9	186	16.9			
165										34.2	179	16.1			
170										30.1	171	15.4			
175										25.3	161	14.7			
180										19.5	148	14.0			
191													37.0	163	8.1
195													34.8	159	7.9
200													30.8	151	7.5
205													26.1	141	7.1
210													20.6	129	6.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	68.3									
70	67.7	248	64.4	70.1	250	66.7									
75	65.5	246	62.9	67.9	248	61.0									
80	63.3	243	58.3	65.8	246	56.1									
85	61.0	241	53.9	63.6	243	51.9									
90	58.7	238	50.0	61.3	240	48.2									
92							67.0	244	42.0						
95	56.3	234	46.7	59.0	237	44.9	65.7	243	40.2						
100	53.9	231	43.7	56.6	234	42.0	63.5	240	37.6						
105	51.3	227	41.0	54.2	231	39.4	61.2	237	35.2						
110	48.7	222	38.5	51.7	227	37.1	58.9	235	33.1						
115	46.0	218	36.4	49.1	223	34.9	57.1	232	31.3						
120	43.1	212	34.4	47.0	219	31.9	54.7	229	29.5						
125	40.8	208	29.2	44.2	214	31.3	52.2	225	27.9						
130	37.6	202	28.4	41.2	208	29.7	49.6	221	26.5						
132										57.0	225	21.8			
135	34.1	195	27.6	38.0	202	28.2	46.9	216	25.1	56.0	224	21.3			
140	30.3	186	26.8	34.6	195	26.8	44.1	211	23.9	53.6	220	20.2			
145	26.0	177	26.0	30.8	187	25.5	41.1	205	22.7	51.0	216	19.2			
150	20.8	165	25.1	26.6	178	24.3	37.9	199	21.6	48.4	212	18.2			
155				21.5	166	23.2	34.5	192	20.6	45.6	207	17.4			
160							30.7	184	19.6	42.7	202	16.5			
165							26.4	174	18.7	39.7	196	15.7			
170							21.4	163	17.9	36.4	189	15.0			
175										32.8	182	14.3			
180										28.8	173	13.7			
185										24.3	163	13.0			
190										18.6	150	12.4			
199													37.0	169	7.0
200													36.9	169	7.0
205													33.4	162	6.7
210													29.5	153	6.3
215													25.0	143	5.9
220													19.6	130	5.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	56.3	69.4	258	57.4									
80	65.1	254	55.4	67.4	256	55.9									
85	63.0	252	53.7	65.4	254	51.6									
90	60.9	249	49.8	63.3	252	47.9									
95	58.7	246	46.5	61.2	249	44.7									
96							67.0	253	39.5						
100	56.5	243	43.4	59.0	246	41.8	65.3	251	37.3						
105	54.2	239	40.8	56.8	243	39.2	63.2	249	35.0						
110	51.9	235	38.3	54.5	239	36.8	61.6	247	32.9						
115	49.5	231	36.1	52.2	235	34.7	59.5	244	31.0						
120	46.9	227	34.2	50.3	232	32.8	57.3	241	29.3						
125	44.9	223	29.9	47.9	228	31.1	55.0	237	27.7						
130	42.2	217	28.7	45.3	223	29.5	52.7	233	26.2						
135	39.3	211	27.6	42.5	218	28.0	50.3	229	24.9						
137										57.0	234	20.3			
140	36.2	205	26.6	39.7	212	26.6	47.8	225	23.6	56.2	233	19.9			
145	32.9	197	25.7	36.6	205	25.4	45.2	220	22.5	53.9	229	18.9			
150	29.2	189	24.9	33.3	198	24.2	42.5	214	21.4	51.6	225	18.0			
155	25.0	179	24.0	29.7	189	23.0	39.6	209	20.4	49.1	221	17.1			
160	19.9	166	22.9	25.5	179	22.0	36.5	202	19.4	46.6	216	16.3			
165				20.6	167	21.0	33.2	195	18.5	44.0	211	15.5			
170							29.5	186	17.7	41.2	205	14.8			
175							25.4	176	16.9	38.2	199	14.1			
180							20.5	164	16.2	35.0	192	13.4			
185										31.6	184	12.8			
190										27.7	175	12.2			
195										23.3	165	11.7			
200										17.8	151	11.1			
207													37.0	175	6.2
210													35.6	172	6.0
215													32.2	164	5.7
220													28.4	155	5.3
225													24.0	145	5.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	50.7									
85	64.8	263	49.4	66.9	265	50.3									
90	62.8	260	49.0	65.0	263	47.6									
95	60.8	258	46.2	63.1	260	44.4									
100							67.0	262	37.1						
100	58.8	255	43.2	61.1	257	41.5	66.9	262	37.0						
105	56.7	251	40.5	59.0	254	38.9	65.0	260	34.6						
110	54.6	248	38.1	57.0	251	36.5	63.5	258	32.6						
115	52.4	244	35.9	54.8	248	34.4	61.5	255	30.7						
120	50.1	240	33.9	53.2	245	32.6	59.5	252	28.9						
125	48.3	237	31.5	50.9	241	30.8	57.4	249	27.3						
130	45.9	232	29.9	48.6	237	29.2	55.3	246	25.9						
135	43.4	227	28.5	46.2	232	27.7	53.1	242	24.5						
140	40.7	221	27.2	43.7	227	26.3	50.9	238	23.3						
143										57.0	242	18.8			
145	37.9	215	26.0	41.1	221	25.1	48.5	234	22.1	56.4	241	18.5			
150	34.9	208	24.9	38.3	215	23.9	46.1	229	21.0	54.3	237	17.6			
155	31.7	200	23.8	35.3	208	22.8	43.6	224	20.0	52.1	234	16.7			
160	28.1	191	22.7	32.1	200	21.7	41.0	218	19.1	49.8	229	15.9			
165	24.0	180	21.7	28.6	192	20.8	38.2	212	18.2	47.5	225	15.1			
170	19.1	167	20.7	24.6	181	19.8	35.2	205	17.4	45.0	220	14.4			
175				19.8	168	19.0	32.0	197	16.6	42.5	215	13.7			
180							28.5	188	15.9	39.8	209	13.1			
185							24.4	178	15.2	36.9	202	12.5			
190							19.6	165	14.5	33.8	195	11.9			
195										30.5	187	11.3			
200										26.7	177	10.8			
205										22.4	166	10.3			
214													37.0	181	5.3
215													37.0	181	5.2
220													34.3	175	4.9
225													31.0	167	4.6
230													27.3	157	4.3
235													23.1	146	4.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	43.3									
95	62.6	269	42.1	64.7	271	42.9									
100	60.7	266	41.6	62.9	269	41.1									
104							67.0	271	34.9						
105	58.8	263	40.2	61.0	266	38.6	66.5	271	34.2						
110	56.9	260	37.8	59.1	263	36.2	65.1	269	32.2						
115	54.9	256	35.6	57.1	260	34.1	63.2	266	30.3						
120	52.8	253	33.6	55.6	257	32.3	61.4	264	28.5						
125	51.2	250	31.9	53.5	253	30.5	59.5	261	26.9						
130	49.0	245	30.2	51.4	250	28.9	57.5	258	25.5						
135	46.8	241	28.7	49.3	245	27.4	55.5	254	24.1						
140	44.4	236	27.2	47.0	241	26.1	53.5	250	22.9						
145	42.0	230	25.9	44.7	236	24.8	51.4	246	21.8						
148										57.0	250	17.3			
150	39.4	224	24.7	42.3	230	23.6	49.2	242	20.7	56.6	250	17.2			
155	36.7	218	23.5	39.8	224	22.5	47.0	238	19.7	54.6	246	16.3			
160	33.8	210	22.5	37.1	218	21.5	44.6	233	18.8	52.5	242	15.5			
165	30.6	202	21.5	34.2	211	20.5	42.2	227	17.9	50.4	238	14.7			
170	27.2	193	20.5	31.1	203	19.6	39.7	221	17.1	48.2	234	14.0			
175	23.2	182	19.6	27.6	194	18.7	37.0	215	16.3	45.9	229	13.3			
180	18.4	168	18.8	23.7	183	17.9	34.1	208	15.6	43.6	224	12.7			
185				19.1	170	17.1	31.0	200	14.9	41.1	218	12.1			
190							27.5	190	14.2	38.5	212	11.5			
195							23.6	180	13.6	35.7	205	11.0			
200							18.9	166	13.0	32.7	198	10.5			
205										29.4	189	10.0			
210										25.8	179	9.5			
215										21.6	167	9.0			
222													37.0	187	4.3
225													36.1	185	4.2
230													33.2	177	3.9
235													30.0	169	3.6
240													26.4	159	3.4
245													22.3	148	3.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	37.2									
105	60.7	275	36.0	62.7	277	36.9									
107							67.0	280	32.5						
110	58.9	272	35.4	60.9	274	36.0	66.5	280	31.9						
115	57.0	268	34.9	59.1	271	33.9	64.8	277	30.0						
120	55.1	265	33.4	57.7	269	32.0	63.0	275	28.3						
125	53.6	262	31.1	55.8	266	30.3	61.3	272	26.7						
130	51.6	258	30.0	53.9	262	28.7	59.5	269	25.2						
135	49.6	254	28.4	51.9	258	27.2	57.6	266	23.9						
140	47.5	249	27.0	49.9	254	25.8	55.7	263	22.6						
145	45.3	245	25.7	47.8	249	24.5	53.8	259	21.5						
150	43.1	239	24.5	45.6	245	23.4	51.8	255	20.4						
153										57.0	258	16.1			
155	40.7	234	23.3	43.4	239	22.3	49.8	251	19.4	56.8	258	16.0			
160	38.2	227	22.3	41.0	234	21.2	47.7	246	18.5	54.9	255	15.2			
165	35.6	221	21.3	38.5	228	20.3	45.5	242	17.6	52.9	251	14.4			
170	32.7	213	20.3	35.9	221	19.4	43.3	236	16.8	50.9	247	13.7			
175	29.7	205	19.4	33.1	213	18.5	40.9	231	16.0	48.9	242	13.0			
180	26.3	195	18.6	30.1	205	17.7	38.4	225	15.3	46.7	238	12.4			
185	22.4	183	17.8	26.7	196	16.9	35.8	218	14.6	44.5	233	11.8			
190	17.7	169	17.0	22.9	184	16.2	33.0	210	14.0	42.2	227	11.3			
195				18.4	171	15.5	30.0	202	13.4	39.8	222	10.7			
200							26.6	192	12.8	37.3	215	10.2			
205							22.8	181	12.2	34.6	208	9.7			
210										31.7	200	9.3			
215										28.5	191	8.8			
220										24.9	181	8.4			
225										20.8	169	8.0			
230													37.0	193	3.6
235													35.0	188	3.4
240													32.2	180	3.1
245													29.0	171	2.8
250													25.5	161	2.6
255													21.5	149	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	29.1						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	29.1						
120	57.5	278	27.7	59.5	281	28.3	64.5	286	27.9						
125	55.8	274	27.3	57.8	277	27.9	62.9	283	26.3						
130	53.9	271	26.9	56.0	274	27.5	61.2	281	24.9						
135	52.1	267	26.6	54.2	271	26.9	59.5	278	23.5						
140	50.1	263	26.3	52.3	267	25.5	57.7	274	22.3						
145	48.2	258	25.4	50.4	263	24.2	55.9	271	21.1						
150	46.1	253	24.2	48.4	258	23.1	54.1	268	20.1						
155	44.0	248	23.0	46.4	254	22.0	52.2	264	19.1						
159										57.0	267	14.8			
160	41.8	243	22.0	44.3	249	20.9	50.3	260	18.2	56.9	267	14.8			
165	39.5	237	21.0	42.1	243	20.0	48.4	255	17.3	55.1	263	14.0			
170	37.1	230	20.0	39.8	237	19.1	46.3	251	16.5	53.3	259	13.3			
175	34.5	223	19.2	37.4	231	18.2	44.2	245	15.7	51.4	255	12.7			
180	31.8	216	18.3	34.9	224	17.4	42.0	240	15.0	49.4	251	12.0			
185	28.8	207	17.5	32.1	216	16.7	39.7	234	14.3	47.4	247	11.4			
190	25.5	197	16.8	29.2	207	15.9	37.3	228	13.7	45.4	242	10.9			
195	21.7	185	16.1	25.9	198	15.2	34.8	221	13.0	43.2	237	10.3			
200	17.0	170	15.4	22.2	186	14.6	32.0	213	12.5	41.0	231	9.8			
205				17.7	172	14.0	29.1	204	11.9	38.7	225	9.4			
210							25.8	194	11.4	36.2	218	8.9			
215							22.0	183	10.8	33.6	211	8.5			
220										30.7	203	8.0			
225										27.6	193	7.6			
230										24.2	183	7.2			
235										20.1	170	6.8			
238													37.0	199	2.7
240													36.6	198	2.7
245													34.0	190	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
115							67.0	298	25.2						
120	59.3	289	24.4	61.1	292	25.1	65.8	297	25.2						
125	57.6	286	24.1	59.5	289	24.7	64.3	294	25.2						
130	55.9	283	23.8	57.9	286	24.4	62.7	292	24.5						
135	54.2	279	23.5	56.2	283	24.1	61.1	289	23.2						
140	52.4	275	23.2	54.4	279	23.8	59.5	286	21.9						
145	50.6	271	23.0	52.7	275	23.5	57.8	283	20.8						
150	48.8	267	22.7	50.9	271	22.8	56.1	280	19.7						
155	46.8	262	22.4	49.0	267	21.7	54.4	276	18.7						
160	44.9	257	21.7	47.1	262	20.6	52.6	272	17.8						
164										57.0	275	13.7			
165	42.8	252	20.7	45.1	257	19.7	50.8	268	16.9	57.0	275	13.6			
170	40.7	246	19.8	43.1	252	18.8	48.9	264	16.1	55.3	272	12.9			
175	38.4	240	18.9	40.9	247	17.9	47.0	259	15.4	53.6	268	12.3			
180	36.1	233	18.1	38.7	240	17.1	45.1	254	14.6	51.8	264	11.6			
185	33.6	226	17.3	36.4	234	16.4	43.0	249	14.0	50.0	260	11.0			
190	30.9	218	16.5	33.9	227	15.6	40.9	243	13.3	48.1	255	10.5			
195	27.9	209	15.8	31.2	218	15.0	38.6	237	12.7	46.1	251	10.0			
200	24.7	198	15.1	28.3	210	14.3	36.3	231	12.1	44.1	246	9.5			
205	21.0	186	14.5	25.1	199	13.7	33.8	223	11.6	42.0	240	9.0			
210				21.5	187	13.1	31.1	215	11.1	39.9	234	8.5			
215				17.1	173	12.5	28.2	206	10.5	37.6	228	8.1			
220							25.0	196	10.1	35.2	221	7.7			
225							21.4	184	9.6	32.6	213	7.3			
230										29.9	205	6.9			
235										26.8	195	6.5			
240										23.4	184	6.2			
245										19.5	171	5.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 66 ft luffing jib 114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	158.8												
39				75.0	187	147.8									
40	68.4	185	148.5	74.1	187	143.4									
45	63.5	183	126.1	69.5	185	121.8									
50	58.4	180	109.4	64.7	183	105.7									
55	53.0	176	96.5	59.6	180	93.2									
60	47.2	172	86.1	54.3	177	83.2									
64							67.0	181	69.6						
65	40.7	166	77.7	48.6	172	75.1	65.8	180	68.0						
70	33.0	159	70.6	42.2	167	68.3	60.8	178	61.8						
75	23.2	149	64.6	34.9	160	62.5	55.6	174	56.6						
80				25.8	151	57.5	50.0	170	52.2						
85							43.8	165	48.3						
90							36.8	159	44.9						
93										57.0	168	37.4			
95										54.9	167	36.4			
100										49.2	163	34.1			
105										44.5	159	32.1			
110										37.5	153	30.2			
115										29.2	145	28.4			
143													37.0	129	14.9
145													35.4	127	14.8
150													26.4	118	14.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	158.8												
40	71.3	196	147.4												
42				75.0	197	135.5									
45	67.2	194	125.9	72.3	196	121.5									
50	63.0	192	109.3	68.2	194	105.4									
55	58.6	189	96.3	64.0	192	92.9									
60	53.9	185	86.0	59.6	189	83.0									
65	49.0	181	77.6	55.0	185	74.9									
68							67.0	190	64.2						
70	43.5	176	70.6	50.1	181	68.1	65.0	189	61.4						
75	37.5	169	64.6	44.8	176	62.4	60.7	186	56.3						
80	30.4	162	59.5	39.0	170	57.4	56.1	183	51.8						
85	21.1	150	55.0	32.2	163	53.2	51.3	179	48.0						
90				23.6	153	49.4	46.1	174	44.6						
95							40.4	169	41.6						
98										57.0	177	34.4			
100							33.9	162	38.9	55.5	175	33.7			
105							25.8	152	36.5	51.8	172	31.7			
110										46.7	168	29.8			
115										41.0	162	28.1			
120										34.6	156	26.5			
125										26.8	147	25.1			
151													37.0	135	13.3
155													32.6	130	12.9
160													24.1	120	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	141.8												
44				75.0	206	124.5									
45	70.0	205	125.7	74.4	206	121.2									
50	66.4	203	109.1	70.8	205	105.1									
55	62.6	200	96.1	67.2	202	92.7									
60	58.7	197	85.8	63.5	200	82.7									
65	54.6	194	77.4	59.6	197	74.6									
70	50.3	189	70.4	55.6	194	67.9									
72							67.0	199	59.4						
75	45.6	185	64.5	51.3	190	62.2	64.4	197	55.9						
80	40.6	179	59.4	46.7	185	57.3	60.5	195	51.5						
85	34.9	172	55.0	41.8	180	53.0	56.5	191	47.6						
90	28.2	164	51.1	36.3	173	49.3	52.3	188	44.3						
95	19.4	152	47.6	29.9	165	46.0	47.8	183	41.3						
100				21.8	154	43.0	43.0	178	38.7						
104										57.0	185	31.3			
105										56.9	185	31.3			
110							37.7	172	36.3	52.8	181	29.4			
115							31.5	164	34.2	52.8	181	29.4			
120							25.9	157	32.3	48.3	177	27.7			
125										43.5	172	26.2			
130										38.2	166	24.8			
135										32.2	158	23.5			
159										24.8	148	22.2			
160													37.0	141	11.9
165													36.6	140	11.9
170													30.3	132	11.2
													22.3	121	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 95 ft luffing jib 114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	125.3												
47				75.0	216	115.1									
50	69.0	213	108.9	72.9	215	105.0									
55	65.7	211	96.0	69.7	213	92.5									
60	62.3	208	85.7	66.4	211	82.6									
65	58.8	205	77.3	63.1	208	74.5									
70	55.1	202	70.3	59.6	206	67.7									
75	51.3	198	64.4	56.0	202	62.0									
75							67.0	208	55.4						
80	47.2	194	59.3	52.2	199	57.1	63.9	206	51.3						
85	42.9	188	54.9	48.2	194	52.9	60.4	203	47.4						
90	38.1	182	51.1	43.9	189	49.2	56.8	200	44.1						
95	32.8	175	47.7	39.3	183	45.9	53.1	196	41.1						
100	26.4	166	44.6	34.1	176	43.0	49.2	192	38.5						
105				28.0	167	40.3	45.0	187	36.2						
109										57.0	193	29.4			
110				20.2	156	37.9	40.4	182	34.0	57.0	193	29.1			
115							36.6	176	32.2	53.5	190	27.5			
120							31.0	169	30.4	49.6	185	26.0			
125							24.2	158	28.7	45.4	181	24.6			
130										40.9	175	23.3			
135										35.9	169	22.1			
140										30.2	160	21.0			
145										23.1	150	19.9			
166													37.0	146	10.7
170													34.4	143	10.5
175													28.4	134	9.9
180													20.7	123	9.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.9												
49				75.0	226	106.9									
50	71.0	224	108.7	74.6	225	104.7									
55	68.1	222	95.8	71.7	224	92.2									
60	65.1	220	85.5	68.8	222	82.3									
65	62.0	217	77.1	65.8	220	74.2									
70	58.8	214	70.1	62.7	217	67.4									
75	55.5	211	64.2	59.6	214	61.7									
79							67.0	217	51.6						
80	52.1	207	59.1	56.3	211	56.9	66.5	217	50.9						
85	48.5	202	54.7	52.9	207	52.6	63.5	214	47.1						
90	44.7	198	50.9	49.4	203	48.9	60.3	212	43.7						
95	40.5	192	47.5	45.6	198	45.7	57.1	208	40.8						
100	36.0	185	44.5	41.5	193	42.8	53.7	205	38.2						
105	30.9	177	41.8	37.1	186	40.2	50.2	201	35.8						
110	24.8	167	39.3	32.2	179	37.8	46.5	196	33.7						
115										57.0	201	27.2			
115				26.4	169	35.6	43.5	192	31.9	57.0	201	26.9			
120				18.9	157	33.7	39.2	186	30.1	54.1	198	25.6			
125							34.6	179	28.5	50.6	194	24.2			
130							29.2	171	27.0	46.9	190	22.9			
135							22.7	160	25.6	42.9	184	21.7			
140										38.7	178	20.7			
145										33.9	171	19.6			
150										28.4	163	18.7			
155										21.7	151	17.8			
174													37.0	152	9.6
175													37.0	152	9.5
180													32.5	145	9.1
185													26.7	136	8.6
190													19.4	124	8.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	98.7												
52				75.0	235	98.8									
55	70.1	232	95.5	73.3	234	91.9									
60	67.4	230	85.2	70.7	232	82.0									
65	64.6	228	76.8	68.0	230	73.9									
70	61.8	225	69.8	65.3	228	67.1									
75	58.9	222	63.9	62.5	225	61.4									
80	55.9	219	58.9	59.6	223	56.6									
83							67.0	226	48.1						
85	52.8	215	54.5	56.6	219	52.4	65.9	225	46.7						
90	49.5	211	50.7	53.5	216	48.7	63.1	223	43.3						
95	46.1	206	47.3	50.3	212	45.4	60.3	220	40.4						
100	42.5	201	44.3	46.9	207	42.5	57.3	217	37.8						
105	38.5	195	41.6	43.3	202	39.9	54.2	213	35.5						
110	34.2	188	39.1	39.5	196	37.6	51.1	209	33.4						
115	29.3	180	36.9	35.2	189	35.4	48.5	206	31.5						
120										57.0	210	25.1			
120	23.5	169	34.9	30.5	181	33.5	45.0	201	29.8	57.0	210	24.9			
125				26.3	174	31.8	41.3	196	28.2	54.6	207	23.8			
130				19.7	161	30.1	37.3	189	26.7	51.4	203	22.5			
135							32.8	182	25.4	48.1	198	21.4			
140							27.7	173	24.1	44.6	193	20.3			
145							21.4	161	22.9	40.8	188	19.3			
150										36.7	181	18.3			
155										32.2	174	17.5			
160										26.9	165	16.6			
165										20.5	153	15.8			
182													37.0	158	8.3
185													35.5	156	8.2
190													30.8	148	7.7
195													25.3	138	7.3
200													18.2	125	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	86.6									
55	71.7	243	86.0	74.7	244	86.6									
60	69.3	241	84.7	72.3	243	81.8									
65	66.8	239	76.7	69.8	241	73.7									
70	64.2	237	69.7	67.3	239	66.9									
75	61.6	234	63.8	64.8	237	61.2									
80	58.9	231	58.7	62.2	234	56.4									
85	56.2	228	54.3	59.6	231	52.2									
87							67.0	235	45.1						
90	53.3	224	50.5	56.8	228	48.5	65.4	234	43.1						
95	50.4	220	47.1	54.0	224	45.2	62.8	231	40.2						
100	47.3	215	44.1	51.1	220	42.3	60.2	229	37.6						
105	44.0	210	41.4	48.0	216	39.7	57.5	225	35.2						
110	40.5	205	39.0	44.8	211	37.4	54.7	222	33.1						
115	36.8	198	36.8	41.3	205	35.3	52.5	219	31.3						
120	32.6	191	34.8	37.7	199	33.3	49.5	215	29.6						
125	29.1	184	29.9	34.6	194	31.6	46.3	210	28.0						
125										57.0	218	23.2			
130	23.7	173	29.0	30.2	185	30.0	43.0	205	26.5	55.0	215	22.3			
135				25.0	175	28.5	39.4	199	25.2	52.1	211	21.1			
140				18.6	162	27.1	35.6	192	23.9	49.1	207	20.0			
145							31.3	184	22.8	45.9	202	19.0			
150							26.3	175	21.7	42.5	197	18.1			
155							20.3	163	20.7	38.9	191	17.2			
160										35.0	184	16.4			
165										30.7	176	15.6			
170										25.6	166	14.9			
175										19.4	154	14.2			
190													37.0	164	7.4
195													33.9	159	7.1
200													29.3	150	6.7
205													24.0	140	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.8	73.6	253	76.7									
65	68.6	250	74.4	71.4	251	73.3									
70	66.2	247	69.4	69.1	250	66.6									
75	63.9	245	63.5	66.8	247	60.9									
80	61.5	242	58.4	64.4	245	56.1									
85	59.0	239	54.1	62.0	242	51.8									
90	56.4	236	50.2	59.6	240	48.2									
91							67.0	244	42.2						
95	53.8	233	46.9	57.0	236	44.9	65.0	242	39.8						
100	51.1	229	43.9	54.4	233	42.0	62.6	240	37.2						
105	48.3	224	41.2	51.7	229	39.4	60.1	237	34.9						
110	45.3	219	38.7	48.9	225	37.1	58.2	235	32.8						
115	42.1	214	36.5	46.0	220	35.0	55.6	231	30.9						
120	38.8	208	34.6	42.9	215	33.1	53.0	228	29.2						
125	36.1	203	28.6	40.4	210	31.4	50.2	224	27.6						
130	32.2	195	27.8	36.9	204	29.8	47.4	219	26.2						
131										57.0	226	21.4			
135	27.8	186	27.0	33.1	196	28.3	44.4	214	24.9	55.3	224	20.7			
140	22.6	175	26.1	28.9	188	26.9	41.2	208	23.6	52.6	220	19.6			
145				23.9	177	25.6	37.7	202	22.5	49.9	216	18.6			
150				17.6	163	24.4	34.0	195	21.4	47.0	211	17.7			
155							29.9	187	20.4	44.0	206	16.9			
160							25.1	177	19.5	40.7	201	16.1			
165							19.3	164	18.6	37.3	194	15.3			
170										33.5	187	14.6			
175										29.3	178	13.9			
180										24.5	168	13.3			
185										18.4	155	12.6			
198													37.0	170	6.4
200													36.3	169	6.3
205													32.4	161	5.9
210													28.0	152	5.6
215													22.9	141	5.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	66.9									
70	68.0	258	63.1	70.6	260	65.9									
75	65.8	256	61.7	68.5	258	60.6									
80	63.6	254	58.2	66.3	256	55.7									
85	61.3	251	53.8	64.1	254	51.5									
90	59.0	248	50.0	61.8	251	47.8									
95							67.0	254	39.6						
95	56.6	245	46.6	59.5	248	44.6	66.8	253	39.4						
100	54.2	241	43.6	57.2	245	41.7	64.6	251	36.8						
105	51.7	237	40.9	54.8	241	39.1	62.4	248	34.5						
110	49.1	233	38.5	52.3	238	36.8	60.6	246	32.5						
115	46.4	228	36.3	49.7	233	34.7	58.3	243	30.6						
120	43.5	223	34.3	47.6	230	31.2	55.9	240	28.9						
125	41.2	219	26.8	44.9	225	30.1	53.5	236	27.3						
130	38.0	213	25.7	41.9	219	29.1	50.9	232	25.8						
135	34.6	205	24.8	38.8	213	28.0	48.3	228	24.5						
136										57.0	234	19.8			
140	30.9	197	24.2	35.4	207	26.6	45.5	223	23.3	55.6	232	19.2			
145	26.6	188	23.7	31.8	199	25.4	42.6	218	22.1	53.1	229	18.2			
150	21.6	176	23.1	27.7	190	24.2	39.5	212	21.1	50.6	225	17.3			
155				22.9	179	23.0	36.3	205	20.1	47.9	220	16.5			
160				16.7	164	22.0	32.7	198	19.2	45.2	215	15.7			
165							28.7	189	18.3	42.2	210	14.9			
170							24.1	178	17.4	39.1	204	14.2			
175							18.4	165	16.7	35.8	197	13.5			
180										32.2	190	12.9			
185										28.1	181	12.3			
190										23.4	170	11.7			
206													37.0	176	5.4
210													34.8	172	5.2
215													31.1	164	4.8
220													26.9	154	4.5
225													21.9	143	4.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.9	69.9	269	56.8									
80	65.4	265	55.0	67.9	267	55.5									
85	63.3	262	53.6	65.9	264	51.3									
90	61.2	259	49.7	63.8	262	47.6									
95	59.0	256	46.4	61.7	259	44.4									
98							67.0	263	37.3						
100	56.8	253	43.4	59.5	256	41.5	66.3	262	36.5						
105	54.6	250	40.7	57.3	253	38.9	64.3	260	34.2						
110	52.2	246	38.3	55.1	250	36.6	62.7	258	32.2						
115	49.8	242	36.1	52.8	246	34.5	60.6	255	30.3						
120	47.3	237	34.1	50.9	243	32.6	58.4	252	28.6						
125	45.3	233	28.1	48.5	239	30.9	56.2	248	27.0						
130	42.6	228	26.6	45.9	234	29.3	53.9	245	25.6						
135	39.7	222	25.3	43.2	229	27.8	51.5	241	24.3						
140	36.6	216	24.1	40.4	223	26.4	49.1	237	23.0						
141										57.0	243	18.4			
145	33.3	208	23.2	37.4	217	25.2	46.5	232	21.9	55.9	241	17.9			
150	29.7	200	22.6	34.1	209	24.0	43.9	227	20.9	53.6	237	17.0			
155	25.6	190	22.0	30.6	201	22.9	41.1	221	19.9	51.2	233	16.2			
160	20.7	178	21.4	26.6	192	21.8	38.1	215	18.9	48.7	229	15.4			
165				21.9	180	20.8	34.9	208	18.1	46.2	224	14.7			
170				15.9	165	19.9	31.4	200	17.3	43.5	219	14.0			
175							27.6	191	16.5	40.7	213	13.3			
180							23.1	180	15.7	37.7	207	12.7			
185										34.5	200	12.1			
190										31.0	192	11.5			
195										27.0	183	11.0			
200										22.4	171	10.5			
214													37.0	182	4.6
215													36.8	182	4.6
220													33.5	174	4.3
225													29.9	166	4.0
230													25.8	156	3.7
235													21.0	144	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	49.7									
85	65.0	273	48.4	67.4	275	49.4									
90	63.1	271	47.9	65.5	273	47.3									
95	61.1	268	46.1	63.5	271	44.1									
100	59.1	265	43.1	61.6	268	41.2									
102							67.0	272	35.0						
105	57.0	262	40.4	59.5	265	38.6	65.9	270	33.8						
110	54.9	258	38.0	57.5	262	36.3	64.5	269	31.8						
115	52.7	254	35.8	55.4	258	34.2	62.5	266	29.9						
120	50.4	250	33.8	53.7	256	32.3	60.5	263	28.2						
125	48.6	247	30.4	51.5	252	30.6	58.4	260	26.7						
130	46.2	242	28.5	49.2	247	29.0	56.4	257	25.2						
135	43.7	237	26.7	46.8	243	27.5	54.2	253	23.9						
140	41.1	231	25.1	44.3	238	26.1	52.0	249	22.7						
145	38.3	225	23.6	41.7	232	24.9	49.7	245	21.6						
147										57.0	251	17.0			
150	35.4	218	22.3	39.0	226	23.7	47.4	241	20.5	56.1	249	16.6			
155	32.2	211	21.6	36.1	219	22.6	44.9	236	19.5	53.9	246	15.8			
160	28.6	202	21.0	32.9	212	21.6	42.4	230	18.6	51.7	242	15.0			
165	24.6	192	20.3	29.5	204	20.6	39.6	225	17.7	49.4	238	14.3			
170	19.9	179	19.7	25.6	194	19.7	36.8	218	16.9	47.1	233	13.6			
175				21.1	182	18.8	33.7	211	16.2	44.6	228	12.9			
180							30.3	202	15.4	42.0	223	12.3			
185							26.6	193	14.8	39.3	217	11.7			
190							22.2	182	14.1	36.4	210	11.2			
195										33.3	203	10.6			
200										29.9	194	10.1			
205										26.0	185	9.6			
210										21.6	173	9.2			
221													37.0	188	3.7
225													35.5	185	3.6
230													32.3	177	3.3
235													28.8	168	3.0
240													24.9	158	2.8
245													20.2	145	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	43.3									
95	62.9	279	42.0	65.2	282	42.8									
100	61.0	276	41.5	63.3	279	40.8									
105	59.1	273	40.1	61.4	276	38.3									
106							67.0	281	32.5						
110	57.1	270	37.7	59.5	273	35.9	66.0	279	31.4						
115	55.1	267	35.5	57.6	270	33.9	64.2	277	29.5						
120	53.1	263	33.5	56.1	268	32.0	62.3	274	27.8						
125	51.5	260	31.3	54.0	264	30.3	60.4	272	26.3						
130	49.3	256	30.1	52.0	260	28.7	58.5	269	24.9						
135	47.1	251	28.5	49.8	256	27.2	56.5	265	23.5						
140	44.7	246	27.0	47.6	252	25.8	54.5	262	22.3						
145	42.3	241	25.6	45.3	247	24.6	52.5	258	21.2						
150	39.8	235	24.3	42.9	241	23.4	50.3	254	20.1						
152										57.0	259	15.7			
155	37.1	228	23.2	40.4	236	22.3	48.1	250	19.2	56.3	258	15.4			
160	34.2	221	22.1	37.7	229	21.3	45.8	245	18.3	54.3	254	14.6			
165	31.1	213	21.2	34.9	222	20.3	43.5	240	17.4	52.2	250	13.8			
170	27.7	204	20.2	31.8	215	19.4	41.0	234	16.6	50.0	246	13.2			
175	23.8	193	19.3	28.5	206	18.6	38.4	228	15.8	47.8	242	12.5			
180	19.1	180	18.3	24.7	195	17.7	35.6	221	15.1	45.5	237	11.9			
185				20.3	183	17.0	32.6	213	14.4	43.1	232	11.3			
190							29.3	205	13.8	40.6	226	10.8			
195							25.6	195	13.2	38.0	220	10.3			
200							21.4	183	12.6	35.2	213	9.8			
205										32.2	205	9.3			
210										28.9	196	8.8			
215										25.1	186	8.4			
220										20.8	174	8.0			
229													37.0	194	2.9
230													37.0	194	2.8
235													34.4	187	2.6
240													31.3	179	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	36.7									
105	60.9	285	35.6	63.1	288	36.4									
110							67.0	290	31.1						
110	59.1	282	35.0	61.3	285	35.7	67.0	290	30.7						
115	57.3	279	34.6	59.5	282	33.6	65.7	288	29.3						
120	55.4	275	33.3	58.1	280	31.8	63.9	286	27.6						
125	53.9	272	30.2	56.3	276	30.0	62.2	283	26.0						
130	51.9	269	29.8	54.3	273	28.4	60.4	280	24.6						
135	49.9	264	28.4	52.4	269	27.0	58.6	277	23.3						
140	47.8	260	26.9	50.4	265	25.6	56.7	274	22.1						
145	45.6	255	25.6	48.3	260	24.3	54.8	270	20.9						
150	43.4	250	24.4	46.1	256	23.2	52.8	267	19.9						
155	41.0	244	23.3	43.9	251	22.1	50.8	263	18.9						
157										57.0	267	14.5			
160	38.6	238	22.2	41.6	245	21.1	48.8	258	18.0	56.5	266	14.3			
165	35.9	231	21.2	39.1	239	20.1	46.7	254	17.1	54.5	263	13.6			
170	33.1	224	20.3	36.6	232	19.2	44.4	249	16.3	52.6	259	12.9			
175	30.1	216	19.4	33.8	225	18.3	42.1	243	15.6	50.6	255	12.2			
180	26.8	206	18.5	30.8	217	17.5	39.7	237	14.9	48.5	251	11.6			
185	23.0	195	17.7	27.6	208	16.8	37.2	231	14.2	46.4	246	11.0			
190	18.4	181	16.8	23.9	197	16.1	34.5	224	13.6	44.1	241	10.5			
195				19.5	184	15.4	31.6	216	13.0	41.8	235	10.0			
200							28.4	207	12.4	39.4	229	9.5			
205							24.8	197	11.8	36.8	223	9.0			
210							20.6	184	11.3	34.1	216	8.6			
215										31.2	208	8.2			
220										27.9	199	7.7			
225										24.3	188	7.3			
230										20.0	175	7.0			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	28.9						
115	59.5	291	28.2	61.6	294	29.0	67.0	299	28.9						
120	57.8	288	27.7	59.9	291	28.5	65.4	297	27.2						
125	56.0	285	27.2	58.2	288	28.0	63.7	294	25.6						
130	54.2	281	26.8	56.4	285	27.6	62.0	291	24.2						
135	52.3	277	26.5	54.6	281	26.7	60.3	289	22.9						
140	50.4	273	26.1	52.8	277	25.3	58.6	286	21.7						
145	48.4	269	25.3	50.9	273	24.0	56.8	282	20.6						
150	46.4	264	24.1	48.9	269	22.9	55.0	279	19.5						
155	44.3	259	23.0	46.9	264	21.8	53.2	275	18.5						
160	42.1	253	21.9	44.8	260	20.8	51.3	271	17.6						
163										57.0	276	13.3			
165	39.8	248	20.9	42.6	254	19.8	49.4	267	16.8	56.6	275	13.1			
170	37.4	241	20.0	40.4	248	18.9	47.4	262	16.0	54.8	271	12.5			
175	34.9	234	19.1	38.0	242	18.1	45.3	258	15.2	53.0	268	11.8			
180	32.2	226	18.3	35.5	235	17.3	43.2	252	14.5	51.1	264	11.2			
185	29.2	218	17.5	32.8	228	16.5	40.9	247	13.9	49.1	259	10.7			
190	25.9	208	16.7	29.9	219	15.8	38.6	241	13.2	47.1	255	10.1			
195	22.2	196	16.0	26.7	210	15.1	36.1	234	12.6	45.0	250	9.6			
200	17.7	182	15.3	23.1	199	14.5	33.5	226	12.1	42.9	245	9.1			
205				18.9	185	13.8	30.6	218	11.5	40.6	239	8.7			
210							27.5	209	11.0	38.3	233	8.2			
215							24.0	198	10.5	35.8	226	7.8			
220							20.0	186	10.0	33.1	218	7.4			
225										30.2	210	7.0			
230										27.1	201	6.6			
235										23.5	190	6.3			
240										19.4	177	5.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118							67.0	308	24.7						
120	59.5	299	24.4	61.5	302	24.9	66.6	307	24.7						
125	57.9	296	24.0	59.9	300	24.5	65.1	305	24.7						
130	56.2	293	23.7	58.3	296	24.2	63.5	303	23.8						
135	54.5	289	23.4	56.6	293	23.9	61.9	300	22.5						
140	52.7	286	23.1	54.9	290	23.6	60.3	297	21.3						
145	50.9	282	22.9	53.1	286	23.3	58.6	294	20.2						
150	49.0	277	22.5	51.3	282	22.5	57.0	291	19.2						
155	47.1	273	22.2	49.5	278	21.5	55.3	287	18.2						
160	45.1	268	21.6	47.6	273	20.4	53.5	284	17.3						
165	43.1	263	20.6	45.6	268	19.5	51.7	280	16.4						
168										57.0	284	12.1			
170	41.0	257	19.7	43.6	263	18.6	49.9	276	15.6	56.7	283	12.1			
175	38.7	251	18.8	41.5	258	17.8	48.0	271	14.9	55.0	280	11.4			
180	36.4	244	18.0	39.3	252	17.0	46.1	266	14.2	53.3	276	10.8			
185	33.9	237	17.2	36.9	245	16.2	44.1	261	13.5	51.5	272	10.3			
190	31.3	229	16.5	34.5	238	15.5	42.0	256	12.9	49.7	268	9.7			
195	28.4	220	15.8	31.9	230	14.8	39.8	250	12.3	47.8	264	9.2			
200	25.2	210	15.1	29.1	222	14.2	37.5	244	11.7	45.8	259	8.7			
205	21.5	198	14.4	25.9	212	13.6	35.1	237	11.2	43.8	254	8.3			
210				22.4	200	13.0	32.5	229	10.7	41.7	248	7.8			
215				18.2	186	12.4	29.7	221	10.2	39.5	242	7.4			
220							26.7	211	9.7	37.2	236	7.0			
225							23.3	200	9.2	34.8	229	6.6			
230							19.3	187	8.8	32.2	221	6.3			
235										29.4	212	5.9			
240										26.3	203	5.6			
245										22.8	191	5.2			
250										18.7	178	4.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft luffing jib 123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	158.8												
40	69.0	195	147.2												
40				75.0	196	140.8									
45	64.1	192	125.8	70.5	195	121.1									
50	59.1	189	109.1	65.7	192	105.1									
55	53.7	186	96.2	60.8	190	92.7									
60	47.9	181	85.9	55.5	186	82.8									
65	41.5	176	77.5	49.9	182	74.7									
66							67.0	190	65.6						
70	34.1	169	70.5	43.7	177	67.9	63.2	188	60.9						
75	24.6	159	64.4	36.6	171	62.2	58.0	185	55.8						
80				28.0	162	57.2	52.6	181	51.4						
85				18.9	153	33.0	46.7	176	47.6						
90							40.1	171	44.2						
95							32.4	163	41.2						
97										57.0	176	34.5			
100							22.2	153	38.5	53.5	174	33.1			
105										49.1	171	31.1			
110										42.8	166	29.3			
115										35.6	159	27.6			
120										26.7	150	26.0			
149													37.0	135	13.0
150													37.0	135	12.9
155													28.9	127	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	155.6												
40	71.8	205	145.5												
43				75.0	206	129.4									
45	67.8	203	125.6	73.1	205	120.8									
50	63.5	201	109.0	69.1	203	104.8									
55	59.1	198	96.1	64.9	201	92.4									
60	54.5	194	85.8	60.6	198	82.5									
65	49.6	190	77.4	56.0	195	74.4									
70							67.0	199	60.6						
70	44.2	185	70.4	51.2	191	67.7	66.9	199	60.5						
75	38.3	179	64.5	46.0	186	62.0	62.7	196	55.4						
80	31.4	172	59.4	40.3	181	57.1	58.2	193	51.0						
85	22.5	161	54.9	33.7	174	52.9	53.6	189	47.2						
90				25.7	164	49.1	48.6	185	43.9						
95				17.0	153	33.0	43.1	180	41.0						
100							37.0	174	38.3						
102										57.0	185	31.4			
105										55.4	183	30.7			
110							29.8	166	36.0	50.6	179	28.9			
115										45.3	175	27.2			
120										39.5	169	25.7			
125										32.8	162	24.3			
130										24.4	152	23.0			
157													37.0	141	11.5
160													34.4	138	11.2
165													26.5	129	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>85 ft luffing jib</b> <b>123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	137.5												
45	70.5	214	125.3												
45				75.0	215	119.5									
50	66.8	212	108.8	71.6	214	104.5									
55	63.1	209	95.9	68.0	212	92.1									
60	59.2	206	85.6	64.3	209	82.3									
65	55.1	203	77.2	60.5	207	74.2									
70	50.8	199	70.2	56.4	203	67.5									
74							67.0	208	56.2						
75	46.2	194	64.3	52.2	200	61.8	66.1	207	55.0						
80	41.2	189	59.3	47.8	195	56.9	62.3	205	50.7						
85	35.7	182	54.9	42.9	190	52.7	58.4	202	46.9						
90	29.1	174	51.0	37.5	184	49.0	54.3	198	43.6						
95	20.7	162	47.5	31.4	176	45.7	49.9	194	40.7						
100				23.8	166	42.7	45.3	189	38.1						
105							40.2	183	35.7						
108										57.0	193	28.9			
110							34.5	177	33.6	55.9	192	28.5			
115							29.4	170	31.7	51.7	188	26.8			
120							21.0	159	30.0	47.2	184	25.3			
125										42.2	178	24.0			
130										36.8	172	22.7			
135										30.5	164	21.5			
140										22.6	153	20.4			
165													37.0	147	10.2
165													37.0	147	10.1
170													32.0	141	9.7
175													24.6	131	9.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>123 ft main boom 95 ft luffing jib 123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	120.4												
48				75.0	225	111.0									
50	69.4	222	108.7	73.6	224	104.4									
55	66.1	220	95.8	70.4	222	92.0									
60	62.7	218	85.5	67.1	220	82.1									
65	59.2	215	77.1	63.8	218	74.0									
70	55.6	211	70.1	60.4	215	67.3									
75	51.8	207	64.2	56.8	212	61.7									
78							67.0	217	52.4						
80	47.8	203	59.2	53.0	208	56.8	65.4	216	50.4						
85	43.4	198	54.8	49.1	204	52.6	62.0	213	46.7						
90	38.7	192	51.0	44.9	199	48.9	58.5	210	43.4						
95	33.5	185	47.6	40.3	193	45.6	54.8	207	40.5						
100	27.3	176	44.5	35.2	187	42.7	51.0	203	37.9						
105				29.4	178	40.1	46.9	198	35.6						
110				22.1	167	37.7	42.5	193	33.5						
113										57.0	201	26.9			
115							38.9	188	31.6	56.3	200	26.6			
120							33.7	181	29.9	52.5	197	25.1			
125							27.5	172	28.3	48.6	192	23.8			
130							19.5	160	26.8	44.3	187	22.5			
135										39.7	182	21.4			
140										34.5	175	20.3			
145										28.6	166	19.3			
150										21.0	155	18.3			
173													37.0	153	9.1
175													35.8	151	9.0
180													30.0	143	8.5
185													22.9	132	8.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	106.9												
50				75.0	234	103.2									
55	68.5	231	95.5	72.3	233	91.7									
60	65.5	229	85.3	69.4	231	81.8									
65	62.4	226	76.9	66.4	229	73.7									
70	59.2	223	69.9	63.4	226	67.0									
75	56.0	220	64.0	60.3	224	61.4									
80	52.5	216	59.0	57.0	220	56.5									
82							67.0	226	48.9						
85	49.0	212	54.6	53.7	217	52.3	64.9	224	46.3						
90	45.2	207	50.8	50.1	213	48.6	61.8	222	43.0						
95	41.1	201	47.4	46.4	208	45.4	58.6	219	40.1						
100	36.6	195	44.4	42.4	203	42.5	55.3	215	37.5						
105	31.6	187	41.6	38.1	197	39.9	51.8	211	35.2						
110	25.7	178	39.2	33.3	189	37.6	48.2	207	33.1						
115				27.7	180	35.4	45.3	203	31.3						
118										57.0	209	24.8			
120				20.7	169	33.5	41.2	198	29.6	56.6	209	24.7			
125							36.8	191	28.0	53.2	205	23.3			
130							31.8	184	26.6	49.7	201	22.1			
135							25.9	174	25.2	45.9	196	21.0			
140							18.2	161	23.9	41.9	191	19.9			
145										37.5	185	18.9			
150										32.6	177	18.0			
155										26.9	168	17.1			
160										19.7	156	16.3			
181													37.0	159	7.9
185													33.8	154	7.7
190													28.3	145	7.2
195													21.5	134	6.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	94.5									
55	70.4	242	93.4	73.9	243	91.3									
60	67.7	240	85.0	71.3	241	81.5									
65	65.0	237	76.6	68.6	240	73.4									
70	62.1	235	69.6	65.9	237	66.7									
75	59.3	232	63.8	63.1	235	61.1									
80	56.3	228	58.7	60.2	232	56.2									
85	53.2	225	54.3	57.2	229	52.0									
85							67.0	235	45.6						
90	49.9	221	50.5	54.2	225	48.3	64.4	233	42.6						
95	46.5	216	47.1	51.0	221	45.1	61.6	230	39.7						
100	42.9	211	44.1	47.7	217	42.2	58.7	227	37.1						
105	39.0	205	41.4	44.1	212	39.6	55.7	224	34.8						
110	34.8	198	39.0	40.3	206	37.3	53.3	221	32.8						
115	30.0	190	36.8	36.2	200	35.2	50.0	217	31.0						
120	24.3	179	34.8	31.6	192	33.3	46.7	212	29.3						
124										57.0	218	23.0			
125				27.6	185	31.6	43.0	207	27.7	56.9	217	22.9			
130				21.3	173	29.9	39.2	201	26.2	53.8	214	21.7			
135							34.9	194	24.9	50.6	210	20.5			
140							30.1	186	23.7	47.2	205	19.5			
145							24.5	176	22.5	43.6	200	18.5			
150							17.1	162	21.4	39.8	194	17.6			
155										35.6	188	16.8			
160										30.9	180	16.0			
165										25.5	170	15.2			
170										18.5	157	14.5			
188													37.0	165	6.9
190													36.6	164	6.8
195													32.0	156	6.4
200													26.8	147	6.1
205													20.3	135	5.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
55				75.0	253	84.4									
60	69.6	250	83.2	72.8	252	81.2									
65	67.1	248	76.4	70.4	250	73.2									
70	64.5	246	69.5	67.9	248	66.5									
75	61.9	243	63.6	65.4	246	60.8									
80	59.3	240	58.5	62.8	243	56.0									
85	56.5	237	54.2	60.1	240	51.8									
89							67.0	244	42.8						
90	53.7	233	50.3	57.4	237	48.1	66.6	244	42.3						
95	50.7	229	47.0	54.6	234	44.9	64.0	241	39.4						
100	47.7	225	44.0	51.7	230	42.0	61.4	239	36.9						
105	44.4	220	41.3	48.7	226	39.5	58.7	236	34.6						
110	41.0	214	38.9	45.5	221	37.1	56.6	233	32.6						
115	37.2	208	36.7	42.1	215	35.0	53.8	229	30.7						
120	33.1	200	34.7	38.5	209	33.1	50.8	225	29.0						
125	29.7	194	27.9	35.5	204	31.4	47.8	221	27.5						
129										57.0	226	21.6			
130	24.4	184	26.6	31.2	196	29.8	44.5	216	26.0	57.0	226	21.4			
135				26.2	187	28.3	41.1	210	24.7	54.2	222	20.3			
140				20.2	174	26.9	37.4	204	23.5	51.3	218	19.2			
145							33.3	197	22.4	48.3	214	18.3			
150							28.7	188	21.3	45.1	209	17.4			
155							23.3	177	20.3	41.6	204	16.5			
160										38.0	198	15.8			
165										34.0	190	15.0			
170										29.5	182	14.3			
175										24.2	172	13.6			
180										17.4	158	13.0			
196													37.0	171	6.0
200													34.9	167	5.8
205													30.5	159	5.5
210													25.5	149	5.1
215													19.2	136	4.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	74.1									
65	68.8	259	72.4	71.9	261	72.9									
70	66.5	257	69.2	69.6	259	66.2									
75	64.2	254	63.3	67.3	257	60.5									
80	61.8	252	58.3	64.9	254	55.7									
85	59.3	249	53.9	62.5	252	51.5									
90	56.7	245	50.1	60.1	249	47.8									
93							67.0	253	40.1						
95	54.1	242	46.7	57.6	246	44.6	66.1	252	39.0						
100	51.4	238	43.7	55.0	242	41.7	63.7	250	36.5						
105	48.6	234	41.0	52.3	239	39.2	61.3	247	34.2						
110	45.7	229	38.6	49.5	234	36.9	59.4	245	32.2						
115	42.5	223	36.4	46.6	230	34.8	56.8	241	30.4						
120	39.2	217	34.4	44.3	226	30.5	54.2	238	28.7						
125	36.5	212	26.0	41.1	220	29.7	51.5	234	27.1						
130	32.7	205	25.2	37.7	214	29.0	48.7	230	25.7						
134										57.0	234	19.9			
135	28.4	196	24.4	34.0	207	28.1	45.8	225	24.4	57.0	234	19.7			
140	23.3	185	23.7	29.8	198	26.7	42.7	220	23.2	54.6	231	18.8			
145				25.0	188	25.4	39.3	214	22.0	52.0	227	17.9			
150				19.1	176	24.2	35.8	207	21.0	49.2	223	17.0			
155							31.9	199	20.0	46.2	218	16.1			
160							27.4	190	19.1	43.2	213	15.4			
165							22.2	179	18.2	39.9	207	14.6			
170										36.4	201	13.9			
175										32.5	193	13.3			
180										28.2	184	12.7			
185										23.1	173	12.1			
190										16.5	159	11.5			
204													37.0	176	5.1
205													37.0	176	5.0
210													33.4	169	4.7
215													29.2	161	4.4
220													24.3	151	4.1
225													18.2	137	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	65.7									
70	68.2	267	62.0	71.0	269	63.0									
75	66.1	265	60.7	68.9	267	60.2									
80	63.8	263	58.0	66.8	265	55.4									
85	61.6	260	53.6	64.6	263	51.2									
90	59.3	257	49.8	62.3	260	47.5									
95	56.9	254	46.4	60.0	257	44.3									
97							67.0	262	37.7						
100	54.5	250	43.4	57.7	254	41.4	65.6	261	36.1						
105	52.0	247	40.8	55.3	251	38.9	63.4	258	33.8						
110	49.4	242	38.4	52.8	247	36.5	61.7	256	31.8						
115	46.7	238	36.2	50.3	243	34.5	59.4	253	30.0						
120	43.9	233	34.2	48.2	240	30.6	57.0	250	28.3						
125	41.6	228	24.7	45.5	235	29.2	54.6	246	26.7						
130	38.4	222	23.5	42.6	230	27.9	52.1	243	25.3						
135	35.1	215	22.6	39.5	224	26.7	49.5	238	24.0						
140										57.0	242	18.4			
140	31.4	207	22.2	36.2	217	25.7	46.8	234	22.8	57.0	242	18.2			
145	27.2	198	21.8	32.6	209	24.9	44.0	229	21.7	55.0	239	17.4			
150	22.3	187	21.4	28.6	201	24.0	41.0	223	20.6	52.5	236	16.6			
155				24.0	190	22.9	37.8	217	19.7	49.9	232	15.7			
160				18.2	177	21.8	34.4	210	18.8	47.2	227	15.0			
165							30.6	202	17.9	44.4	222	14.2			
170							26.3	192	17.1	41.5	216	13.6			
175							21.2	180	16.3	38.3	210	12.9			
180										34.9	203	12.3			
185										31.2	195	11.7			
190										27.0	186	11.2			
195										22.1	175	10.6			
200										15.6	159	10.1			
212													37.0	182	4.1
215													35.7	180	4.0
220													32.1	172	3.7
225													28.0	163	3.4
230													23.3	152	3.2
235													17.3	138	2.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	55.1									
80	65.6	274	53.5	68.3	276	54.4									
85	63.6	271	52.7	66.3	274	50.9									
90	61.5	269	49.6	64.2	271	47.3									
95	59.3	266	46.2	62.2	269	44.1									
100	57.1	262	43.2	60.0	266	41.2									
101							67.0	271	35.5						
105	54.8	259	40.5	57.8	263	38.6	65.2	269	33.5						
110	52.5	255	38.1	55.6	259	36.3	63.6	267	31.6						
115	50.1	251	36.0	53.3	256	34.2	61.5	265	29.7						
120	47.6	247	34.0	51.5	253	32.3	59.4	262	28.0						
125	45.6	243	25.3	49.0	248	30.6	57.2	258	26.5						
130	42.9	237	24.0	46.5	244	28.9	54.9	255	25.1						
135	40.1	232	22.7	43.8	239	27.3	52.6	251	23.8						
140	37.0	225	21.6	41.0	233	25.9	50.2	247	22.6						
145	33.8	218	20.9	38.0	227	24.6	47.7	243	21.4	57.0	251	16.9			
150	30.2	210	20.4	34.8	220	23.6	45.1	238	20.4	55.3	248	16.3			
155	26.1	200	20.0	31.4	212	22.7	42.4	232	19.4	53.0	244	15.5			
160	21.4	188	19.5	27.5	203	21.7	39.5	226	18.5	50.6	240	14.7			
165				23.0	192	20.7	36.4	220	17.7	48.1	236	14.0			
170				17.4	178	19.7	33.1	212	16.9	45.5	231	13.3			
175							29.4	204	16.1	42.8	226	12.7			
180							25.2	194	15.4	40.0	220	12.1			
185							20.3	181	14.7	36.9	213	11.5			
190										33.6	206	10.9			
195										30.0	198	10.4			
200										26.0	188	9.9			
205										21.1	176	9.4			
220													37.0	188	3.4
220													37.0	188	3.4
225													34.4	183	3.2
230													30.9	174	2.9
235													26.9	165	2.6
240													22.3	154	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	48.9									
85	65.3	282	47.6	67.8	285	48.7									
90	63.3	280	47.1	65.9	282	47.0									
95	61.3	277	45.9	64.0	280	43.7									
100	59.3	274	42.9	62.0	277	40.9									
105							67.0	280	33.3						
105	57.2	271	40.3	60.0	274	38.3	66.8	280	33.1						
110	55.1	267	37.9	57.9	271	36.0	65.3	278	31.2						
115	52.9	264	35.7	55.8	268	33.9	63.4	276	29.3						
120	50.7	260	33.7	54.2	265	32.1	61.4	273	27.6						
125	48.9	256	26.4	52.0	261	30.4	59.4	270	26.1						
130	46.5	252	24.9	49.7	257	28.8	57.3	267	24.7						
135	44.1	247	23.5	47.3	253	27.3	55.2	264	23.4						
140	41.4	241	22.2	44.9	248	25.9	53.0	260	22.2						
145	38.7	235	21.1	42.3	242	24.7	50.8	256	21.1						
150	35.7	228	20.0	39.6	236	23.5	48.5	251	20.1						
150										57.0	259	15.6			
155	32.6	221	19.5	36.7	230	22.4	46.1	247	19.1	55.5	257	15.0			
160	29.1	212	19.0	33.6	222	21.4	43.5	242	18.2	53.4	253	14.3			
165	25.2	202	18.5	30.3	214	20.4	40.9	236	17.3	51.1	249	13.6			
170	20.5	190	17.9	26.5	205	19.5	38.1	230	16.5	48.8	245	12.9			
175				22.1	193	18.7	35.1	223	15.8	46.4	240	12.3			
180				16.7	178	17.8	31.9	215	15.1	44.0	235	11.7			
185							28.3	206	14.4	41.3	229	11.1			
190							24.3	196	13.8	38.6	223	10.6			
195							19.5	183	13.1	35.6	216	10.1			
200										32.4	209	9.6			
205										28.9	200	9.1			
210										25.0	190	8.7			
215										20.3	177	8.2			
228													37.0	194	2.5
230													36.3	193	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	42.2									
95	63.1	288	40.8	65.5	291	41.7									
100	61.2	285	40.4	63.7	288	40.5									
105	59.3	283	39.7	61.8	286	38.0									
108							67.0	289	31.0						
110	57.4	279	37.6	59.9	283	35.7	66.8	289	30.8						
115	55.4	276	35.4	58.0	280	33.6	65.0	287	28.9						
120	53.3	272	33.4	56.5	277	31.8	63.2	284	27.2						
125	51.7	269	28.9	54.5	274	30.0	61.3	282	25.7						
130	49.6	265	27.7	52.4	270	28.5	59.4	279	24.3						
135	47.4	261	26.3	50.3	266	27.0	57.4	275	23.0						
140	45.0	256	25.0	48.1	261	25.6	55.5	272	21.8						
145	42.6	250	23.7	45.8	257	24.4	53.4	268	20.7						
150	40.1	244	22.6	43.4	251	23.2	51.3	264	19.7						
155	37.4	238	21.5	40.9	246	22.1	49.1	260	18.7						
156										57.0	267	14.3			
160	34.6	231	20.6	38.3	240	21.1	46.9	256	17.8	55.8	265	13.8			
165	31.5	223	19.7	35.5	233	20.1	44.6	251	17.0	53.7	261	13.1			
170	28.1	214	18.8	32.5	225	19.2	42.1	245	16.2	51.6	258	12.5			
175	24.3	204	17.9	29.2	216	18.4	39.6	239	15.5	49.5	253	11.9			
180	19.7	191	17.0	25.6	207	17.6	36.9	233	14.7	47.3	249	11.3			
185				21.3	195	16.8	34.0	225	14.1	44.9	244	10.7			
190				16.0	179	16.1	30.8	217	13.4	42.5	238	10.2			
195							27.4	208	12.8	40.0	233	9.7			
200							23.4	197	12.3	37.3	226	9.2			
205							18.7	184	11.7	34.5	219	8.7			
210										31.4	211	8.3			
215										28.0	202	7.9			
220										24.1	192	7.5			
225										19.5	179	7.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	36.4									
105	61.1	294	35.3	63.5	297	36.0									
110	59.3	291	34.8	61.7	294	35.4									
112							67.0	298	29.2						
115	57.5	288	34.3	59.9	291	33.3	66.4	298	28.6						
120	55.6	284	33.2	58.5	289	31.5	64.7	295	27.0						
125	54.1	282	29.4	56.7	286	29.8	63.0	293	25.4						
130	52.2	278	28.9	54.8	282	28.2	61.2	290	24.0						
135	50.1	274	28.2	52.8	278	26.7	59.4	287	22.7						
140	48.1	269	26.8	50.8	274	25.4	57.6	284	21.6						
145	45.9	265	25.5	48.7	270	24.1	55.7	281	20.4						
150	43.7	259	24.3	46.6	265	23.0	53.7	277	19.4						
155	41.3	254	23.2	44.4	260	21.9	51.8	273	18.5						
160	38.9	248	22.1	42.1	255	20.9	49.7	269	17.6						
161										57.0	275	13.2			
165	36.3	241	21.1	39.7	249	19.9	47.6	264	16.7	56.0	274	12.8			
170	33.5	234	20.2	37.1	243	19.0	45.5	260	15.9	54.1	270	12.2			
175	30.5	225	19.3	34.4	236	18.2	43.2	254	15.2	52.1	266	11.6			
180	27.2	216	18.5	31.5	228	17.4	40.8	249	14.5	50.1	262	11.0			
185	23.5	205	17.3	28.3	219	16.6	38.4	242	13.8	48.0	258	10.4			
190	19.0	192	16.1	24.7	208	15.9	35.7	236	13.2	45.8	253	9.9			
195				20.6	196	15.2	32.9	228	12.6	43.6	248	9.4			
200				15.3	180	14.5	29.9	220	12.0	41.2	242	8.9			
205							26.5	210	11.5	38.8	236	8.5			
210							22.6	199	11.0	36.2	229	8.0			
215							18.0	185	10.5	33.4	222	7.6			
220										30.4	214	7.2			
225										27.1	204	6.9			
230										23.3	193	6.5			
235										18.8	180	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	27.5						
120	58.0	297	27.0	60.3	301	27.9	66.1	306	26.6						
125	56.2	294	26.5	58.6	297	27.5	64.5	304	25.1						
130	54.4	290	26.1	56.8	294	27.0	62.8	301	23.7						
135	52.6	286	25.7	55.0	291	26.4	61.1	299	22.4						
140	50.7	282	25.4	53.2	287	25.1	59.4	296	21.2						
145	48.7	278	24.6	51.3	283	23.8	57.7	292	20.1						
150	46.7	273	23.9	49.3	279	22.7	55.9	289	19.0						
155	44.6	268	22.9	47.3	274	21.6	54.0	285	18.1						
160	42.4	263	21.8	45.3	269	20.6	52.2	282	17.2						
165	40.1	257	20.8	43.1	264	19.6	50.3	278	16.4						
167										57.0	284	12.1			
170	37.7	251	19.9	40.9	258	18.7	48.3	273	15.6	56.2	282	11.8			
175	35.2	244	19.0	38.5	252	17.9	46.3	268	14.8	54.3	279	11.1			
180	32.5	236	18.2	36.0	246	17.1	44.2	263	14.1	52.5	275	10.6			
185	29.6	228	17.4	33.4	238	16.3	42.0	258	13.5	50.6	271	10.0			
190	26.4	218	16.7	30.6	230	15.6	39.7	252	12.9	48.6	266	9.5			
195	22.7	207	16.0	27.4	221	15.0	37.2	246	12.3	46.6	262	9.0			
200	18.4	193	15.3	23.9	210	14.3	34.7	238	11.7	44.5	257	8.5			
205				19.9	197	13.7	31.9	231	11.2	42.3	251	8.1			
210							29.0	222	10.7	40.0	245	7.7			
215							25.7	212	10.2	37.6	239	7.3			
220							21.9	200	9.7	35.1	232	6.9			
225							17.4	186	9.2	32.4	224	6.5			
230										29.5	216	6.1			
235										26.2	206	5.8			
240										22.6	195	5.4			
245										18.2	181	5.1			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	26.1						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	24.4						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	24.4						
130	56.4	302	23.6	58.6	306	24.0	64.2	312	23.3						
135	54.7	299	23.4	56.9	303	23.7	62.6	310	22.0						
140	52.9	295	23.1	55.2	299	23.4	61.0	307	20.8						
145	51.1	291	22.8	53.5	296	23.1	59.4	304	19.7						
150	49.3	287	22.4	51.7	292	22.3	57.7	301	18.7						
155	47.4	282	22.0	49.9	288	21.3	56.0	298	17.7						
160	45.4	277	21.5	48.0	283	20.3	54.3	294	16.8						
165	43.4	272	20.6	46.0	278	19.3	52.6	290	16.0						
170	41.2	267	19.6	44.0	273	18.4	50.7	286	15.2						
172										57.0	292	11.0			
175	39.0	260	18.7	41.9	268	17.6	48.9	282	14.5	56.3	291	10.7			
180	36.7	254	17.9	39.7	262	16.8	47.0	277	13.8	54.6	287	10.2			
185	34.2	247	17.1	37.5	255	16.0	45.0	272	13.1	52.8	283	9.6			
190	31.6	239	16.4	35.0	248	15.3	42.9	267	12.5	51.0	279	9.1			
195	28.7	230	15.7	32.5	241	14.7	40.8	261	11.9	49.2	275	8.6			
200	25.6	220	15.0	29.7	232	14.0	38.6	255	11.4	47.3	270	8.1			
205	22.0	208	14.4	26.6	223	13.4	36.2	248	10.8	45.3	266	7.7			
210				23.2	212	12.8	33.7	241	10.3	43.3	260	7.3			
215				19.2	198	12.3	31.0	233	9.9	41.1	255	6.9			
220							28.1	224	9.4	38.9	249	6.5			
225							24.9	214	8.9	36.6	242	6.1			
230							21.2	202	8.5	34.1	235	5.8			
235							16.8	187	8.1	31.5	227	5.4			
240										28.6	218	5.1			
245										25.5	208	4.8			
250										21.9	196	4.5			
255										17.5	182	4.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

133

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>66 ft luffing jib</b> <b>133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	158.8												
40	69.6	205	145.2												
41				75.0	206	133.5									
45	64.8	202	125.6	71.6	205	120.4									
50	59.8	200	109.0	66.9	203	104.5									
55	54.5	196	96.1	62.0	200	92.1									
60	48.8	192	85.8	56.8	197	82.3									
65	42.4	187	77.4	51.3	193	74.2									
69							67.0	199	61.2						
70	35.2	180	70.4	45.2	188	67.5	65.7	198	59.7						
75	26.1	171	64.4	38.4	182	61.8	60.7	196	54.7						
80				30.3	174	56.9	55.4	192	50.4						
85				19.0	163	52.5	49.8	188	46.6						
90							43.6	183	43.3						
95							36.5	177	40.4						
100							27.9	168	37.8						
101										57.0	185	30.9			
105										53.9	183	29.8			
110										48.1	179	28.0			
115										41.7	173	26.4			
120										34.3	167	24.9			
125										24.9	157	23.5			
156													37.0	142	10.5
160													32.5	138	10.2
165													22.3	127	9.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 76 ft luffing jib 133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	152.9												
40	72.4	215	143.5												
44				75.0	216	123.0									
45	68.3	213	125.1	74.1	215	119.4									
50	64.1	211	108.8	70.1	213	104.2									
55	59.8	208	95.9	65.9	211	91.9									
60	55.2	205	85.7	61.6	209	82.0									
65	50.3	201	77.3	57.2	205	74.0									
70	45.0	196	70.3	52.4	202	67.3									
73							67.0	208	56.7						
75	39.2	190	64.4	47.3	197	61.6	64.9	207	54.3						
80	32.4	182	59.3	41.7	192	56.8	60.5	204	50.0						
85	23.9	172	54.8	35.4	185	52.6	56.0	201	46.3						
90				27.8	177	48.8	51.2	197	43.0						
95				17.1	163	45.5	46.0	192	40.1						
100							40.2	187	37.6						
105							33.7	180	35.3						
106										57.0	194	28.5			
110							25.6	170	33.1	54.6	192	27.6			
115										49.7	188	26.0			
120										44.4	183	24.6			
125										38.5	177	23.2			
130										31.5	169	22.0			
135										22.7	159	20.8			
164													37.0	148	9.3
165													37.0	148	9.2
170													29.9	140	8.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>85 ft luffing jib</b> <b>133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	133.3												
45	71.0	224	123.7												
46				75.0	225	113.8									
50	67.3	222	108.6	72.5	224	103.9									
55	63.6	219	95.7	68.9	222	91.6									
60	59.7	216	85.5	65.2	220	81.7									
65	55.7	213	77.1	61.4	217	73.7									
70	51.4	209	70.1	57.4	214	67.0									
75	46.9	205	64.2	53.3	210	61.4									
76							67.0	217	52.7						
80	42.0	199	59.2	48.9	206	56.6	64.2	215	49.6						
85	36.5	193	54.8	44.1	201	52.4	60.4	213	45.9						
90	30.1	185	50.9	38.9	195	48.7	56.4	209	42.7						
95	22.0	174	47.4	33.0	188	45.4	52.2	206	39.8						
100				25.8	178	42.5	47.7	201	37.3						
105							42.8	196	35.0						
110							38.8	191	33.0						
112										57.0	202	26.3			
115							32.8	184	31.1	55.2	200	25.6			
120							25.6	175	29.3	50.9	196	24.2			
125										46.4	192	22.9			
130										41.4	186	21.6			
135										35.8	180	20.5			
140										29.3	171	19.5			
172													37.0	154	8.1
175													34.5	151	7.9
180													27.7	142	7.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>95 ft luffing jib</b> <b>133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	118.5												
49				75.0	235	106.0									
50	69.8	232	108.5	74.4	234	103.5									
55	66.5	230	95.6	71.2	233	91.4									
60	63.2	228	85.3	67.9	231	81.6									
65	59.7	225	77.0	64.6	228	73.5									
70	56.1	222	70.0	61.2	226	66.9									
75	52.3	218	64.1	57.6	222	61.3									
80	48.3	214	59.1	53.9	219	56.4									
80							67.0	226	49.2						
85	44.1	209	54.7	50.1	215	52.2	63.8	224	45.7						
90	39.4	203	50.9	45.9	210	48.6	60.3	221	42.4						
95	34.2	196	47.5	41.4	205	45.3	56.7	218	39.6						
100	28.2	187	44.4	36.5	198	42.4	53.0	214	37.1						
105	22.5	178	31.9	30.9	190	39.8	49.0	210	34.8						
110				24.1	180	37.5	45.8	206	32.8						
115							41.4	201	30.9						
117										57.0	210	24.4			
120							36.4	194	29.2	55.7	209	23.9			
125							30.8	186	27.7	51.9	205	22.6			
130							23.9	176	26.2	47.9	201	21.4			
135										43.6	195	20.3			
140										38.9	189	19.3			
145										33.6	182	18.3			
150										27.4	173	17.4			
180													37.0	160	7.2
180													37.0	160	7.1
185													32.4	153	6.8
190													25.9	144	6.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	104.1												
52				75.0	244	98.8									
55	68.9	241	95.3	73.0	243	91.0									
60	65.9	239	85.1	70.1	241	81.2									
65	62.8	236	76.7	67.2	239	73.2									
70	59.7	233	69.8	64.1	237	66.6									
75	56.4	230	63.9	61.0	234	61.0									
80	53.0	226	58.8	57.8	231	56.1									
84							67.0	235	45.9						
85	49.5	222	54.5	54.5	227	52.0	66.4	235	45.3						
90	45.7	218	50.7	51.0	223	48.3	63.4	232	42.0						
95	41.7	212	47.3	47.3	219	45.1	60.2	230	39.2						
100	37.3	206	44.3	43.4	214	42.2	57.0	226	36.7						
105	32.3	198	41.6	39.2	208	39.6	53.6	223	34.4						
110	26.6	189	39.1	34.5	201	37.3	50.9	220	32.5						
115	21.1	180	29.5	29.1	192	35.2	47.3	215	30.6						
120				22.6	182	33.2	43.3	210	28.9						
122										57.0	218	22.5			
125							39.1	204	27.4	56.0	217	22.2			
130							34.4	197	25.9	52.6	214	21.0			
135							29.0	189	24.6	49.1	209	19.9			
140							22.5	178	23.4	45.3	204	18.9			
145										41.2	199	18.0			
150										36.7	192	17.1			
155										31.7	185	16.2			
160										25.8	175	15.5			
188															
190													37.0	166	6.1
195													35.7	164	6.0
195													30.5	156	5.6
200													24.4	146	5.3

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>133</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	92.4									
55	70.8	252	92.1	74.5	253	90.6									
60	68.1	250	84.8	71.9	252	80.9									
65	65.3	247	76.5	69.2	250	72.9									
70	62.5	245	69.5	66.5	248	66.3									
75	59.7	242	63.6	63.7	245	60.6									
80	56.7	239	58.6	60.9	242	55.8									
85	53.6	235	54.2	58.0	239	51.7									
88							67.0	244	42.9						
90	50.4	231	50.4	54.9	236	48.0	65.8	243	41.6						
95	47.0	226	47.0	51.8	232	44.8	63.0	241	38.8						
100	43.4	221	44.1	48.5	228	41.9	60.2	238	36.3						
105	39.6	215	41.4	45.0	223	39.4	57.2	235	34.0						
110	35.4	209	38.9	41.3	217	37.1	54.9	232	32.1						
115	30.7	201	36.7	37.2	211	35.0	51.7	228	30.2						
120	25.1	191	34.7	33.8	205	32.0	48.4	224	28.6						
125				28.9	197	30.8	44.9	219	27.0						
128										57.0	227	20.8			
130				22.9	186	29.6	41.2	214	25.6	56.3	226	20.6			
135							37.1	207	24.3	53.3	222	19.5			
140							32.7	200	23.1	50.0	218	18.5			
145							27.5	191	22.0	46.6	213	17.5			
150							21.2	179	20.9	43.0	208	16.7			
155										39.1	202	15.9			
160										34.9	195	15.1			
165										30.1	187	14.4			
170										24.4	177	13.7			
195													37.0	172	5.1
200													33.9	166	4.9
205													29.0	158	4.5
210													23.0	147	4.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	82.3									
60	69.9	260	81.1	73.4	262	80.7									
65	67.4	258	76.3	70.9	260	72.7									
70	64.9	256	69.3	68.5	258	66.0									
75	62.3	253	63.4	66.0	256	60.4									
80	59.6	250	58.4	63.4	254	55.6									
85	56.9	247	54.0	60.8	251	51.4									
90	54.1	244	50.2	58.1	248	47.8									
92							67.0	253	40.4						
95	51.2	240	46.9	55.3	244	44.6	65.3	252	38.5						
100	48.1	235	43.9	52.4	241	41.7	62.7	249	36.0						
105	44.9	230	41.2	49.4	236	39.2	60.1	247	33.8						
110	41.5	225	38.8	46.3	232	36.9	58.0	244	31.8						
115	37.8	219	36.6	42.9	227	34.8	55.2	241	30.0						
120	33.7	211	34.6	40.2	222	30.9	52.4	237	28.3						
125	30.3	205	25.6	36.4	216	30.4	49.4	233	26.8						
130	25.2	195	24.6	32.3	208	29.2	46.2	228	25.4						
133										57.0	235	19.3			
135				27.5	199	28.0	42.9	223	24.1	56.6	234	19.2			
140				21.8	187	26.7	39.3	217	22.9	53.8	231	18.2			
145							35.4	210	21.8	50.8	227	17.3			
150							31.1	202	20.8	47.7	222	16.4			
155							26.2	193	19.8	44.5	217	15.6			
160							20.1	180	18.8	41.1	212	14.9			
165										37.3	205	14.2			
170										33.3	198	13.5			
175										28.7	189	12.8			
180										23.2	179	12.2			
203													37.0	177	4.3
205													36.5	177	4.3
210													32.3	169	4.0
215													27.6	160	3.7
220													21.9	149	3.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom                      135 ft luffing jib                      133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	73.3									
60	71.4	271	72.6	74.6	272	73.3									
65	69.2	269	71.7	72.4	271	72.4									
70	66.8	267	69.0	70.1	269	65.7									
75	64.5	264	63.2	67.8	267	60.1									
80	62.1	262	58.1	65.5	265	55.3									
85	59.6	259	53.8	63.1	262	51.1									
90	57.1	256	50.0	60.7	259	47.5									
95	54.5	252	46.6	58.2	256	44.3									
96							67.0	263	37.8						
100	51.8	248	43.6	55.6	253	41.4	64.9	260	35.6						
105	49.0	244	40.9	53.0	249	38.9	62.5	258	33.4						
110	46.1	239	38.5	50.2	245	36.6	60.6	256	31.4						
115	43.0	234	36.4	47.3	241	34.5	58.1	253	29.6						
120	39.7	228	34.4	45.0	237	30.1	55.6	249	28.0						
125	37.0	223	24.9	41.9	231	29.1	52.9	246	26.4						
130	33.2	216	24.0	38.5	225	28.2	50.2	241	25.0						
135	29.0	207	23.2	34.9	218	27.3	47.3	237	23.8						
139										57.0	243	17.8			
140	24.1	197	22.4	30.9	210	26.2	44.3	232	22.6	56.8	243	17.8			
145				26.3	201	25.2	41.1	226	21.5	54.2	239	16.8			
150				20.7	189	24.0	37.6	220	20.4	51.5	235	16.0			
155							33.9	213	19.5	48.7	231	15.2			
160							29.8	204	18.6	45.7	226	14.5			
165							25.0	194	17.7	42.6	221	13.8			
170							19.1	181	16.9	39.3	215	13.1			
175										35.7	208	12.5			
180										31.8	201	11.9			
185										27.4	191	11.3			
190										22.1	180	10.8			
211													37.0	183	3.4
215													34.9	179	3.3
220													30.9	171	3.0
225													26.3	162	2.8
230													20.8	150	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 144 ft luffing jib 133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	62.0									
75	66.4	275	58.8	69.4	278	59.8									
80	64.2	273	57.6	67.3	276	55.0									
85	61.9	270	53.5	65.1	273	50.8									
90	59.6	267	49.7	62.9	271	47.2									
95	57.3	264	46.3	60.6	268	44.0									
99							67.0	272	35.5						
100	54.9	261	43.3	58.3	265	41.1	66.7	271	35.2						
105	52.4	257	40.7	55.9	262	38.6	65.1	270	33.0						
110	49.8	253	38.3	53.4	258	36.3	62.8	267	31.0						
115	47.1	248	36.1	50.9	254	34.2	60.6	264	29.2						
120	44.3	243	34.1	48.9	251	30.7	58.2	261	27.6						
125	42.0	239	24.2	46.1	246	29.2	55.8	258	26.1						
130	38.9	233	23.1	43.3	241	27.7	53.4	254	24.7						
135	35.5	226	22.1	40.2	235	26.4	50.8	250	23.4						
140	31.9	218	21.5	37.0	228	25.2	48.2	246	22.2						
144										57.0	251	16.5			
145	27.8	209	20.9	33.5	221	24.3	45.4	241	21.1	57.0	251	16.4			
150	23.0	198	20.3	29.6	213	23.4	42.5	236	20.1	54.6	248	15.6			
155				25.2	203	22.6	39.4	230	19.1	52.1	244	14.8			
160				19.8	190	21.6	36.1	223	18.2	49.5	240	14.0			
165							32.5	215	17.4	46.8	235	13.4			
170							28.5	207	16.6	43.9	230	12.7			
175							23.9	196	15.8	41.0	224	12.1			
180							18.2	182	15.1	37.8	218	11.5			
185										34.3	211	11.0			
190										30.5	203	10.4			
195										26.2	193	9.9			
200										21.1	181	9.4			
219													37.0	189	2.5
220													37.0	189	2.5
225													33.5	182	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	54.9									
80	65.9	284	52.2	68.8	286	54.1									
85	63.9	281	51.3	66.8	284	50.6									
90	61.8	279	49.5	64.7	282	46.9									
95	59.6	276	46.1	62.7	279	43.7									
100	57.4	273	43.1	60.5	276	40.9									
103							67.0	281	33.4						
105	55.2	269	40.4	58.4	273	38.3	66.8	280	32.8						
110	52.8	265	38.0	56.1	270	36.0	64.7	278	30.8						
115	50.4	261	35.9	53.8	266	34.0	62.6	275	29.0						
120	48.0	257	33.9	52.0	263	32.1	60.5	273	27.3						
125	46.0	253	25.1	49.6	259	30.4	58.3	270	25.8						
130	43.3	248	23.7	47.1	255	28.8	56.1	266	24.4						
135	40.5	242	22.5	44.5	250	27.3	53.8	263	23.1						
140	37.5	236	21.3	41.7	244	25.7	51.4	259	22.0						
145	34.2	229	20.5	38.8	238	24.2	49.0	254	20.9						
149										57.0	260	15.3			
150	30.7	221	19.8	35.6	231	23.0	46.4	250	19.8	57.0	260	15.2			
155	26.7	211	19.2	32.2	224	22.2	43.8	245	18.9	54.9	256	14.5			
160	22.1	200	18.6	28.5	215	21.5	41.0	239	18.0	52.6	253	13.8			
165				24.2	204	20.5	38.0	233	17.2	50.2	248	13.1			
170				18.9	191	19.6	34.8	226	16.4	47.7	244	12.4			
175							31.3	218	15.6	45.1	239	11.8			
180							27.4	209	14.9	42.3	234	11.2			
185							22.9	198	14.3	39.5	228	10.7			
190							17.3	183	13.6	36.4	221	10.2			
195										33.0	214	9.7			
200										29.4	205	9.2			
205										25.2	195	8.8			
210										20.2	183	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	48.1									
85	65.5	292	45.7	68.3	295	47.8									
90	63.6	290	45.1	66.4	293	46.6									
95	61.6	287	44.6	64.4	290	43.4									
100	59.6	284	42.8	62.5	288	40.5									
105	57.5	281	40.2	60.5	285	38.0									
107							67.0	290	31.0						
110	55.4	278	37.8	58.4	282	35.7	66.3	289	30.4						
115	53.3	274	35.6	56.3	279	33.6	64.4	287	28.6						
120	51.0	270	33.6	54.7	276	31.8	62.4	284	26.9						
125	49.3	267	26.4	52.5	272	30.1	60.4	281	25.4						
130	46.9	262	24.8	50.2	268	28.5	58.4	278	24.0						
135	44.4	257	23.3	47.9	263	27.1	56.3	275	22.8						
140	41.8	252	22.0	45.5	259	25.7	54.1	271	21.6						
145	39.1	246	20.7	42.9	253	24.5	51.9	267	20.5						
150	36.2	239	19.6	40.3	248	23.3	49.7	263	19.5						
155										57.0	268	14.1			
155	33.0	231	18.9	37.4	241	22.0	47.3	259	18.5	57.0	268	13.9			
160	29.6	223	18.2	34.4	234	21.0	44.8	254	17.7	55.2	265	13.3			
165	25.7	213	17.6	31.1	226	20.2	42.3	248	16.8	53.0	261	12.6			
170	21.2	201	16.9	27.4	217	19.3	39.6	242	16.0	50.8	257	12.0			
175				23.2	206	18.5	36.7	236	15.3	48.4	253	11.4			
180				18.1	192	17.7	33.6	229	14.6	46.0	248	10.8			
185							30.2	220	14.0	43.5	243	10.3			
190							26.4	211	13.3	40.9	237	9.8			
195							22.1	199	12.7	38.1	231	9.3			
200							16.6	184	12.1	35.1	224	8.8			
205										31.9	216	8.4			
210										28.3	207	8.0			
215										24.3	197	7.6			
220										19.4	184	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	42.2									
95	63.4	298	40.2	66.0	301	41.7									
100	61.5	296	39.8	64.2	299	40.2									
105	59.6	293	39.1	62.3	296	37.7									
110	57.6	290	37.5	60.4	293	35.4									
111							67.0	299	29.2						
115	55.7	286	35.3	58.5	290	33.3	65.9	297	28.1						
120	53.6	283	33.3	57.0	288	31.5	64.1	295	26.5						
125	52.0	280	28.4	55.0	284	29.8	62.3	292	25.0						
130	49.9	275	27.3	52.9	281	28.2	60.4	290	23.6						
135	47.7	271	25.6	50.8	277	26.8	58.4	287	22.4						
140	45.4	266	24.1	48.6	272	25.4	56.5	283	21.2						
145	43.0	261	22.6	46.4	268	24.2	54.5	280	20.1						
150	40.5	255	21.3	44.0	262	23.0	52.4	276	19.1						
155	37.8	249	20.1	41.5	257	21.9	50.3	272	18.2						
160										57.0	276	12.8			
160	35.0	242	19.0	39.0	251	20.9	48.1	267	17.3	57.0	276	12.7			
165	31.9	234	18.3	36.2	244	20.0	45.8	263	16.5	55.4	273	12.2			
170	28.6	225	17.6	33.3	237	19.1	43.4	257	15.7	53.4	270	11.6			
175	24.8	215	16.9	30.1	228	18.2	40.9	252	15.0	51.3	266	11.0			
180	20.4	203	16.2	26.5	219	17.4	38.3	246	14.3	49.1	261	10.4			
185				22.4	207	16.7	35.5	239	13.6	46.9	257	9.9			
190				17.4	193	15.9	32.5	231	13.0	44.5	252	9.4			
195							29.2	223	12.4	42.1	246	8.9			
200							25.5	213	11.9	39.6	240	8.5			
205							21.2	201	11.3	36.9	234	8.0			
210										34.0	227	7.6			
215										30.8	219	7.2			
220										27.4	209	6.8			
225										23.4	198	6.4			
230										18.7	185	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	36.0									
105	61.4	304	34.9	63.9	307	35.6									
110	59.6	301	34.4	62.1	305	35.1									
115							67.0	308	27.8						
115	57.7	298	33.9	60.4	302	33.1	67.0	308	27.5						
120	55.9	295	33.1	59.0	300	31.3	65.6	306	26.2						
125	54.4	292	28.8	57.1	296	29.5	63.9	304	24.7						
130	52.4	288	28.1	55.2	293	28.0	62.1	301	23.3						
135	50.4	284	27.5	53.3	289	26.5	60.3	298	22.1						
140	48.4	280	25.9	51.3	285	25.2	58.5	295	20.9						
145	46.2	275	24.4	49.2	281	23.9	56.6	292	19.8						
150	44.0	270	23.0	47.1	276	22.8	54.7	288	18.8						
155	41.7	264	21.7	44.9	271	21.7	52.8	285	17.9						
160	39.2	258	20.5	42.7	266	20.7	50.8	281	17.0						
165	36.6	252	19.4	40.3	260	19.7	48.7	276	16.2						
165										57.0	284	11.7			
170	33.9	245	18.5	37.8	254	18.8	46.6	272	15.4	55.7	282	11.3			
175	30.9	236	17.7	35.1	247	18.0	44.4	267	14.7	53.7	278	10.7			
180	27.7	227	17.0	32.2	239	17.2	42.1	261	14.0	51.8	274	10.1			
185	24.0	217	16.2	29.1	231	16.5	39.6	255	13.4	49.7	270	9.6			
190	19.7	204	15.4	25.6	221	15.7	37.1	249	12.8	47.6	266	9.1			
195				21.6	209	15.1	34.4	242	12.2	45.4	261	8.6			
200				16.7	194	14.4	31.5	234	11.6	43.2	256	8.2			
205							28.3	225	11.1	40.8	250	7.7			
210							24.7	214	10.6	38.3	244	7.3			
215							20.5	202	10.1	35.7	237	6.9			
220										32.9	229	6.6			
225										29.8	221	6.2			
230										26.5	211	5.8			
235										22.6	200	5.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.5									
119							67.0	317	25.9						
120	58.2	307	26.9	60.7	311	28.1	66.9	317	25.8						
125	56.5	304	26.3	59.0	308	27.5	65.3	315	24.3						
130	54.7	301	25.8	57.2	305	27.1	63.7	312	23.0						
135	52.8	297	25.3	55.4	301	26.2	62.0	309	21.7						
140	50.9	293	24.9	53.6	298	24.8	60.3	307	20.5						
145	49.0	288	23.9	51.7	294	23.6	58.5	304	19.5						
150	47.0	284	22.9	49.8	290	22.4	56.8	300	18.5						
155	44.9	279	21.9	47.8	285	21.4	55.0	297	17.5						
160	42.7	274	21.0	45.8	280	20.4	53.1	293	16.6						
165	40.4	268	20.2	43.6	275	19.4	51.2	289	15.8						
170	38.1	262	19.4	41.4	270	18.5	49.3	285	15.1						
171										57.0	293	10.6			
175	35.6	255	18.7	39.1	264	17.7	47.3	280	14.3	55.9	290	10.3			
180	32.9	247	17.9	36.7	257	16.9	45.2	275	13.7	54.0	287	9.7			
185	30.0	239	17.1	34.1	250	16.2	43.1	270	13.0	52.2	283	9.2			
190	26.8	229	16.3	31.3	242	15.5	40.8	265	12.4	50.3	279	8.7			
195	23.2	218	15.5	28.2	233	14.8	38.5	258	11.8	48.3	274	8.2			
200	19.0	205	14.7	24.8	223	14.2	36.0	252	11.3	46.2	270	7.8			
205				20.9	210	13.5	33.4	244	10.8	44.1	265	7.3			
210							30.5	236	10.3	41.9	259	6.9			
215							27.4	227	9.8	39.6	253	6.6			
220							23.9	216	9.3	37.2	247	6.2			
225							19.8	203	8.9	34.7	240	5.8			
230										31.9	232	5.5			
235										28.9	223	5.2			
240										25.6	213	4.8			
245										21.9	202	4.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	24.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	23.9						
130	56.6	313	23.1	59.0	316	23.8	65.0	323	22.6						
135	54.9	309	22.7	57.3	313	23.4	63.5	321	21.3						
140	53.2	305	22.5	55.6	310	23.1	61.9	318	20.1						
145	51.4	301	22.2	53.9	306	22.9	60.2	315	19.1						
150	49.5	297	21.7	52.1	302	22.1	58.6	312	18.1						
155	47.6	293	21.1	50.3	298	21.1	56.9	309	17.1						
160	45.7	288	20.6	48.4	294	20.0	55.2	305	16.3						
165	43.6	283	20.0	46.5	289	19.1	53.5	302	15.5						
170	41.5	277	19.5	44.5	284	18.2	51.7	298	14.7						
175	39.3	271	18.7	42.4	279	17.4	49.8	294	14.0						
176										57.0	301	9.6			
180	37.0	265	17.9	40.3	273	16.6	48.0	289	13.3	56.0	299	9.3			
185	34.6	258	17.1	38.0	267	15.9	46.0	284	12.7	54.3	295	8.8			
190	32.0	250	16.3	35.6	260	15.2	44.0	279	12.1	52.5	292	8.3			
195	29.1	241	15.6	33.1	252	14.5	41.9	274	11.5	50.7	288	7.8			
200	26.0	231	15.0	30.4	244	13.9	39.7	268	10.9	48.9	283	7.4			
205	22.5	220	14.3	27.4	235	13.3	37.4	261	10.4	46.9	279	6.9			
210	18.4	206	13.7	24.1	224	12.7	35.0	255	9.9	45.0	274	6.5			
215				20.3	212	12.1	32.4	247	9.4	42.9	268	6.2			
220							29.7	238	9.0	40.8	263	5.8			
225							26.6	229	8.6	38.5	256	5.4			
230							23.2	218	8.1	36.2	250	5.1			
235							19.2	204	7.7	33.7	242	4.8			
240										31.0	234	4.5			
245										28.1	225	4.2			
250										24.9	215	3.9			
255										21.2	203	3.6			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom 66 ft luffing jib 142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	158.8												
40	70.3	215	143.1												
43				75.0	216	126.7									
45	65.5	213	124.8	72.7	215	118.6									
50	60.5	210	108.7	68.0	213	103.8									
55	55.2	206	95.9	63.2	211	91.5									
60	49.6	202	85.6	58.1	208	81.7									
65	43.4	197	77.2	52.6	204	73.7									
70	36.3	191	70.2	46.7	199	67.0									
71							67.0	209	57.2						
75	27.5	182	64.2	40.2	194	61.4	63.3	207	53.5						
80				32.4	186	56.5	58.1	204	49.3						
85				22.3	176	52.2	52.7	200	45.7						
90							46.8	195	42.4						
95							40.3	190	39.6						
100							32.6	183	37.0						
105							25.2	175	33.0						
105										57.0	194	28.0			
110										52.9	191	26.8			
115										47.1	187	25.2			
120										40.5	181	23.8			
125										32.9	174	22.5			
130										22.9	164	21.2			
163													37.0	149	8.4
165													35.7	148	8.3
170													26.8	139	7.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft luffing jib 142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.8												
40	73.0	225	141.4												
45	68.9	223	123.4												
45				75.0	225	117.0									
50	64.7	221	108.5	71.1	224	103.5									
55	60.4	218	95.7	66.9	222	91.2									
60	55.8	215	85.5	62.7	219	81.4									
65	51.0	211	77.1	58.2	216	73.5									
70	45.8	206	70.1	53.6	212	66.8									
75	40.0	201	64.2	48.6	208	61.2	67.0	218	53.1						
80	33.4	193	59.1	43.1	203	56.4	62.8	215	48.9						
85	25.2	184	54.7	37.0	197	52.2	58.3	212	45.3						
90				29.8	189	48.5	53.7	209	42.1						
95				20.2	177	45.2	48.7	204	39.3						
100							43.2	199	36.8						
105							37.1	193	34.5						
110							31.8	187	32.5						
111										57.0	202	25.8			
115							23.0	177	30.6	53.8	200	24.8			
120										48.9	196	23.4			
125										43.4	191	22.1			
130										37.4	184	20.9			
135										30.2	176	19.8			
140										20.9	165	18.8			
171													37.0	155	7.2
175													32.9	150	7.0
180													24.5	140	6.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	129.9												
45	71.4	234	122.0												
48				75.0	235	108.5									
50	67.8	232	108.1	73.3	234	102.5									
55	64.1	230	95.5	69.8	232	90.9									
60	60.3	227	85.2	66.1	230	81.1									
65	56.2	223	76.9	62.3	228	73.2									
70	52.0	220	69.9	58.4	224	66.6									
75	47.5	215	64.1	54.3	221	61.0									
79							67.0	227	49.4						
80	42.7	210	59.0	49.9	217	56.2	66.2	226	48.5						
85	37.3	204	54.6	45.3	212	52.0	62.4	224	44.9						
90	31.1	196	50.8	40.2	206	48.3	58.5	221	41.7						
95	23.3	185	47.3	34.5	199	45.1	54.4	217	38.9						
100				27.7	191	42.2	50.0	213	36.4						
105							45.4	208	34.2						
110							41.5	204	32.2						
115							36.0	197	30.4						
116										57.0	211	23.8			
120							29.5	189	28.7	54.5	209	23.0			
125										50.2	204	21.7			
130										45.6	200	20.6			
135										40.5	194	19.5			
140										34.8	187	18.5			
145										28.1	179	17.5			
150										19.2	166	16.6			
179													37.0	161	6.1
180													36.8	161	6.1
185													30.6	153	5.7
190													22.6	142	5.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	114.5												
50	70.2	243	107.2												
50				75.0	244	101.2									
55	67.0	240	95.3	71.9	243	90.7									
60	63.6	238	85.1	68.7	241	81.0									
65	60.2	235	76.8	65.4	239	73.0									
70	56.6	232	69.8	62.0	236	66.4									
75	52.8	228	64.0	58.5	233	60.8									
80	48.9	224	58.9	54.8	230	56.0									
83							67.0	236	46.2						
85	44.7	219	54.6	51.0	226	51.9	65.5	235	44.6						
90	40.1	213	50.7	46.9	221	48.2	62.1	232	41.5						
95	35.0	207	47.3	42.6	216	45.0	58.6	229	38.7						
100	29.1	198	44.3	37.8	210	42.1	54.9	226	36.2						
105	21.7	187	41.6	32.3	202	39.6	51.1	222	34.0						
110				25.9	193	37.2	48.0	218	32.0						
115							43.7	213	30.2						
120							39.0	207	28.6						
121										57.0	219	22.1			
125							33.8	200	27.0	55.0	217	21.5			
130							27.6	191	25.6	51.2	213	20.3			
135										47.2	209	19.3			
140										42.8	203	18.3			
145										38.0	197	17.4			
150										32.6	190	16.5			
155										26.3	181	15.7			
160										17.7	167	14.9			
187													37.0	167	5.3
190													34.6	163	5.2
195													28.6	155	4.8
200													21.1	143	4.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	101.9												
53				75.0	254	94.5									
55	69.3	251	95.1	73.7	253	90.0									
60	66.3	249	84.9	70.8	251	80.6									
65	63.2	246	76.5	67.9	249	72.7									
70	60.1	244	69.6	64.9	247	66.1									
75	56.9	240	63.7	61.8	244	60.5									
80	53.5	237	58.7	58.6	241	55.7									
85	50.0	233	54.3	55.3	238	51.6									
87							67.0	245	43.2						
90	46.2	228	50.5	51.9	234	47.9	64.9	243	41.1						
95	42.2	223	47.2	48.2	230	44.7	61.8	241	38.3						
100	37.9	216	44.2	44.4	225	41.9	58.7	238	35.8						
105	33.0	209	41.5	40.2	219	39.3	55.4	234	33.6						
110	27.4	200	39.0	35.7	212	37.0	52.7	231	31.7						
115	22.2	191	27.7	30.5	204	34.9	49.2	227	29.9						
120				25.9	197	30.4	45.4	222	28.2						
125							41.3	217	26.7						
127										57.0	227	20.4			
130							36.9	210	25.3	55.5	226	19.9			
135							31.9	203	24.0	52.0	222	18.8			
140							26.0	193	22.8	48.4	217	17.9			
145										44.6	213	17.0			
150										40.5	207	16.1			
155										35.9	200	15.3			
160										30.8	192	14.6			
165										24.7	182	13.9			
170										16.5	168	13.2			
194													37.0	173	4.4
195													37.0	173	4.4
200													32.7	166	4.1
205													27.0	157	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	89.2												
55				75.0	263	88.4									
60	68.4	260	84.6	72.5	262	80.3									
65	65.7	258	76.2	69.9	260	72.3									
70	62.9	255	69.3	67.2	258	65.7									
75	60.1	252	63.4	64.4	256	60.2									
80	57.1	249	58.4	61.6	253	55.4									
85	54.0	245	54.1	58.7	250	51.3									
90	50.8	241	50.3	55.7	247	47.6									
90							67.0	254	40.4						
95	47.5	237	46.9	52.5	243	44.4	64.5	252	37.9						
100	43.9	232	43.9	49.3	239	41.6	61.6	249	35.4						
105	40.1	226	41.2	45.8	234	39.1	58.7	246	33.2						
110	36.0	219	38.8	42.2	228	36.8	56.4	244	31.3						
115	31.3	212	36.6	38.2	222	34.7	53.3	240	29.5						
120	26.0	202	34.6	34.9	217	31.7	50.1	236	27.8						
125	20.9	193	24.6	30.1	209	29.9	46.7	231	26.3						
130				24.5	199	28.2	43.1	226	25.0						
132										57.0	235	18.8			
135							39.2	220	23.7	55.8	234	18.4			
140							35.0	213	22.5	52.7	230	17.4			
145							30.2	205	21.4	49.5	226	16.5			
150							24.6	195	20.4	46.0	221	15.7			
155										42.4	216	14.9			
160										38.4	210	14.2			
165										34.1	203	13.5			
170										29.2	194	12.9			
175										23.4	184	12.2			
202													37.0	179	3.4
205													35.7	176	3.4
210													31.0	168	3.1
215													25.5	159	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	80.6									
60	70.2	270	79.3	73.9	272	79.8									
65	67.8	268	76.1	71.5	271	72.1									
70	65.2	266	69.1	69.1	269	65.5									
75	62.7	263	63.3	66.6	267	59.9									
80	60.0	261	58.2	64.0	264	55.2									
85	57.3	257	53.9	61.4	261	51.0									
90	54.5	254	50.1	58.7	258	47.4									
94							67.0	263	38.0						
95	51.6	250	46.7	56.0	255	44.2	66.6	263	37.6						
100	48.5	246	43.8	53.1	251	41.4	64.1	260	35.1						
105	45.3	241	41.1	50.1	247	38.9	62.1	258	33.0						
110	41.9	235	38.7	47.0	243	36.6	59.4	255	31.0						
115	38.3	229	36.5	43.8	238	34.5	56.7	252	29.2						
120	34.3	222	34.5	41.1	233	29.6	53.8	248	27.6						
125	31.0	216	23.8	37.4	227	28.8	50.9	244	26.1						
130	26.0	206	22.9	33.3	220	27.8	47.8	240	24.7						
135	19.8	194	22.0	28.7	211	26.5	44.6	235	23.5						
137										57.0	244	17.4			
140				23.3	200	25.3	41.2	229	22.3	56.1	243	17.1			
145							37.4	223	21.2	53.3	239	16.3			
150							33.4	216	20.2	50.3	235	15.4			
155							28.8	207	19.2	47.2	230	14.7			
160							23.4	197	18.3	43.9	225	14.0			
165										40.4	220	13.3			
170										36.7	213	12.6			
175										32.5	206	12.0			
180										27.8	197	11.4			
185										22.2	185	10.9			
210													37.0	184	2.7
215													34.0	179	2.5
220													29.5	171	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	71.0									
65	69.5	279	69.3	72.9	281	70.9									
70	67.2	277	68.0	70.7	279	65.2									
75	64.8	275	62.3	68.4	277	59.6									
80	62.4	272	58.0	66.1	275	54.8									
85	60.0	269	53.6	63.7	273	50.7									
90	57.5	266	49.8	61.3	270	47.1									
95	54.9	262	46.5	58.8	267	43.9									
98							67.0	272	35.6						
100	52.2	259	43.5	56.2	264	41.1	66.1	271	34.7						
105	49.4	254	40.8	53.6	260	38.5	64.3	269	32.6						
110	46.5	250	38.4	50.9	256	36.3	61.9	267	30.6						
115	43.4	245	36.2	48.0	252	34.2	59.4	264	28.8						
120	40.2	239	34.3	45.8	248	29.6	56.9	261	27.2						
125	37.5	234	23.6	42.7	243	28.3	54.3	257	25.7						
130	33.8	227	22.6	39.4	237	27.2	51.6	253	24.4						
135	29.6	218	21.8	35.8	230	26.2	48.8	249	23.1						
140	24.8	208	21.0	31.9	222	25.1	45.8	244	22.0						
143										57.0	252	16.0			
145				27.4	213	24.0	42.7	239	20.9	56.4	251	15.8			
150				22.2	202	22.8	39.4	233	19.9	53.8	248	15.0			
155							35.8	226	18.9	51.0	244	14.2			
160							31.9	218	18.0	48.2	239	13.5			
165							27.5	209	17.2	45.2	234	12.9			
170							22.3	198	16.4	42.1	229	12.2			
175										38.7	223	11.6			
180										35.1	216	11.1			
185										31.1	208	10.5			
190										26.6	199	10.0			
195										21.1	187	9.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 144 ft luffing jib 142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	61.0									
75	66.7	285	57.2	69.9	288	59.3									
80	64.5	283	55.9	67.8	286	54.5									
85	62.2	280	53.3	65.6	284	50.4									
90	59.9	278	49.5	63.4	281	46.8									
95	57.6	274	46.2	61.2	278	43.6									
100	55.2	271	43.2	58.8	275	40.8									
102							67.0	281	33.4						
105	52.7	267	40.5	56.5	272	38.2	66.2	280	32.2						
110	50.1	263	38.1	54.0	269	35.9	64.0	278	30.2						
115	47.5	259	36.0	51.5	265	33.9	61.7	275	28.4						
120	44.7	254	34.0	49.5	261	30.6	59.4	272	26.8						
125	42.4	250	23.9	46.8	257	29.0	57.1	269	25.3						
130	39.3	244	22.8	44.0	252	27.5	54.6	266	24.0						
135	36.0	237	21.8	41.0	246	26.1	52.1	262	22.7						
140	32.4	229	21.0	37.8	240	24.9	49.6	258	21.6						
145	28.4	220	20.2	34.4	233	23.9	46.9	253	20.5						
148										57.0	260	14.7			
150	23.7	210	19.5	30.6	225	22.9	44.0	248	19.5	56.6	260	14.5			
155				26.3	215	21.9	41.0	242	18.6	54.2	256	13.8			
160				21.2	203	20.9	37.9	236	17.7	51.6	252	13.1			
165							34.4	229	16.9	49.0	248	12.4			
170							30.6	221	16.1	46.3	243	11.8			
175							26.4	211	15.4	43.5	238	11.2			
180							21.3	199	14.7	40.4	232	10.7			
185										37.2	226	10.2			
190										33.7	219	9.7			
195										29.9	210	9.2			
200										25.4	200	8.7			
205										20.1	188	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	53.4									
80	66.2	294	50.0	69.3	296	52.8									
85	64.1	292	49.1	67.3	294	50.1									
90	62.0	289	48.3	65.2	292	46.5									
95	59.9	286	46.0	63.2	290	43.3									
100	57.7	283	43.0	61.0	287	40.5									
105	55.5	280	40.3	58.9	284	38.0									
106							67.0	290	31.1						
110	53.2	276	37.9	56.7	281	35.7	65.8	289	29.9						
115	50.8	272	35.8	54.4	277	33.7	63.7	286	28.2						
120	48.3	267	33.8	52.6	274	31.9	61.6	284	26.5						
125	46.3	264	24.8	50.2	270	30.1	59.4	281	25.1						
130	43.7	259	23.4	47.7	266	28.6	57.2	278	23.7						
135	40.9	253	22.1	45.1	261	27.1	55.0	274	22.5						
140	37.9	247	20.9	42.4	255	25.4	52.6	270	21.3						
145	34.7	240	20.0	39.5	249	23.8	50.2	266	20.2						
150	31.2	232	19.2	36.4	243	22.4	47.7	262	19.3						
153										57.0	268	13.6			
155	27.3	223	18.4	33.1	235	21.4	45.1	257	18.3	56.8	268	13.5			
160	22.8	211	17.7	29.4	227	20.5	42.4	251	17.5	54.5	265	12.8			
165				25.3	217	19.6	39.5	246	16.6	52.2	261	12.1			
170				20.3	204	18.7	36.5	239	15.9	49.8	257	11.5			
175							33.1	232	15.2	47.2	252	11.0			
180							29.5	223	14.5	44.6	247	10.4			
185							25.3	213	13.8	41.9	242	9.9			
190							20.4	201	13.2	39.0	236	9.4			
195										35.8	229	8.9			
200										32.5	221	8.5			
205										28.7	213	8.0			
210										24.4	202	7.6			
215										19.3	189	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.3									
85	65.8	302	44.3	68.7	305	47.1									
90	63.9	300	43.6	66.8	303	46.2									
95	61.9	297	43.0	64.9	301	43.0									
100	59.9	295	42.0	62.9	298	40.2									
105	57.8	291	40.0	60.9	295	37.7									
110							67.0	299	29.6						
110	55.7	288	37.6	58.9	292	35.4	67.0	299	29.2						
115	53.6	284	35.5	56.8	289	33.3	65.4	297	27.7						
120	51.3	280	33.5	55.2	286	31.5	63.4	295	26.1						
125	49.6	277	26.4	53.0	283	29.8	61.5	292	24.7						
130	47.2	273	24.7	50.8	279	28.3	59.4	289	23.3						
135	44.7	268	23.2	48.5	274	26.8	57.4	286	22.1						
140	42.2	262	21.8	46.1	270	25.5	55.2	283	20.9						
145	39.5	256	20.5	43.5	264	24.2	53.1	279	19.9						
150	36.6	250	19.3	40.9	259	23.1	50.8	275	18.9						
155	33.5	242	18.5	38.1	253	21.6	48.5	271	18.0						
159										57.0	277	12.4			
160	30.1	234	17.7	35.1	246	20.2	46.1	266	17.1	56.9	277	12.4			
165	26.3	224	16.9	31.9	238	19.4	43.6	261	16.3	54.8	273	11.7			
170	21.9	213	16.2	28.4	229	18.6	41.0	255	15.5	52.6	269	11.1			
175				24.3	219	17.8	38.2	249	14.8	50.4	265	10.5			
180				19.5	206	17.0	35.2	242	14.1	48.0	261	10.0			
185							32.0	234	13.5	45.6	256	9.5			
190							28.4	225	12.9	43.1	251	9.0			
195							24.4	215	12.3	40.4	245	8.5			
200							19.6	202	11.7	37.6	239	8.1			
205										34.6	232	7.7			
210										31.3	224	7.3			
215										27.7	215	6.9			
220										23.5	204	6.5			
225										18.5	190	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	41.1									
95	63.6	309	38.8	66.4	311	40.7									
100	61.8	306	38.4	64.6	309	39.8									
105	59.9	303	37.7	62.7	307	37.3									
110	57.9	300	37.0	60.9	304	35.0									
114							67.0	308	27.5						
115	55.9	297	35.2	59.4	302	32.6	66.9	308	27.3						
120	53.9	293	33.2	57.4	298	31.2	65.1	306	25.7						
125	52.3	290	28.0	55.5	295	29.5	63.2	303	24.3						
130	50.2	286	26.9	53.4	291	27.9	61.3	301	22.9						
135	48.0	281	25.1	51.3	287	26.5	59.4	298	21.7						
140	45.7	277	23.4	49.1	283	25.2	57.5	295	20.5						
145	43.3	271	21.7	46.9	278	23.9	55.5	291	19.5						
150	40.8	266	20.3	44.6	273	22.8	53.4	287	18.5						
155	38.2	259	18.9	42.1	268	21.7	51.3	284	17.6						
160	35.4	253	17.7	39.6	262	20.7	49.2	279	16.7						
164										57.0	285	11.3			
165	32.4	245	17.1	36.9	256	19.4	46.9	275	15.9	57.0	285	11.2			
170	29.1	236	16.5	34.0	248	18.5	44.6	270	15.2	55.1	282	10.7			
175	25.4	226	15.9	30.9	240	17.8	42.2	264	14.5	53.0	278	10.1			
180	21.1	214	15.4	27.4	231	17.1	39.6	258	13.8	50.9	274	9.6			
185				23.4	220	16.4	36.9	252	13.1	48.7	270	9.1			
190				18.7	207	15.8	34.0	245	12.5	46.5	265	8.6			
195							30.9	237	12.0	44.1	260	8.1			
200							27.5	227	11.4	41.7	254	7.7			
205							23.5	216	10.9	39.1	248	7.3			
210										36.4	242	6.9			
215										33.4	234	6.5			
220										30.3	226	6.1			
225										26.7	217	5.8			
230										22.7	205	5.4			
235										17.7	191	5.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	35.8									
105	61.6	314	34.6	64.3	318	35.3									
110	59.8	311	34.1	62.6	315	34.8									
115	58.0	308	33.7	61.2	313	32.0									
117							67.0	317	25.9						
120	56.6	306	29.2	59.4	310	31.0	66.5	317	25.4						
125	54.7	302	28.3	57.6	307	29.2	64.8	314	24.0						
130	52.7	299	27.5	55.7	303	27.7	63.0	312	22.6						
135	50.7	295	26.8	53.8	300	26.2	61.2	309	21.4						
140	48.6	290	25.1	51.8	296	24.9	59.4	306	20.3						
145	46.5	286	23.4	49.7	292	23.7	57.6	303	19.2						
150	44.3	280	21.7	47.6	287	22.5	55.7	300	18.2						
155	42.0	275	20.2	45.5	282	21.5	53.8	296	17.3						
160	39.6	269	18.7	43.2	277	20.5	51.8	292	16.5						
165	37.0	263	17.5	40.9	272	19.5	49.8	288	15.7						
169										57.0	293	10.4			
170	34.3	255	16.5	38.4	265	18.6	47.7	283	14.9	57.0	293	10.3			
175	31.4	247	16.1	35.7	259	17.6	45.5	279	14.2	55.3	290	9.8			
180	28.1	238	15.7	32.9	251	17.0	43.3	273	13.5	53.4	287	9.3			
185	24.5	228	15.2	29.9	243	16.3	40.9	268	12.9	51.4	283	8.8			
190	20.3	216	14.8	26.5	233	15.6	38.4	262	12.3	49.4	278	8.3			
195				22.7	222	14.9	35.8	255	11.7	47.3	274	7.8			
200				18.0	208	14.2	33.0	247	11.2	45.1	269	7.4			
205							29.9	239	10.7	42.8	264	7.0			
210							26.6	229	10.2	40.4	258	6.6			
215							22.7	218	9.7	37.9	252	6.2			
220										35.3	245	5.9			
225										32.4	237	5.5			
230										29.3	228	5.2			
235										25.9	219	4.9			
240										21.9	207	4.6			
245										17.1	192	4.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	27.5									
121							67.0	326	24.3						
125	56.7	314	25.6	59.4	319	27.0	66.1	325	23.6						
130	54.9	311	25.0	57.7	315	26.5	64.5	323	22.2						
135	53.1	307	24.5	55.9	312	25.9	62.8	320	21.0						
140	51.2	303	24.1	54.1	308	24.6	61.1	318	19.9						
145	49.2	299	23.1	52.2	305	23.4	59.4	315	18.8						
150	47.2	294	21.9	50.3	300	22.2	57.7	312	17.8						
155	45.2	289	20.8	48.3	296	21.1	55.9	308	16.9						
160	43.0	284	19.7	46.3	291	20.1	54.1	305	16.1						
165	40.8	278	18.7	44.2	286	19.2	52.2	301	15.3						
170	38.4	272	17.8	42.0	281	18.3	50.3	297	14.5						
175										57.0	302	9.2			
175	35.9	266	17.0	39.7	275	17.5	48.3	292	13.8	57.0	302	9.1			
180	33.3	258	16.3	37.3	268	16.7	46.3	288	13.2	55.6	299	8.7			
185	30.4	250	15.7	34.7	261	16.0	44.2	282	12.5	53.7	295	8.2			
190	27.3	241	15.1	32.0	254	15.3	42.0	277	11.9	51.8	291	7.7			
195	23.8	230	14.5	29.0	245	14.6	39.7	271	11.4	49.9	287	7.3			
200	19.6	217	13.9	25.7	235	14.0	37.3	265	10.8	47.9	283	6.9			
205				21.9	223	13.4	34.7	258	10.3	45.9	278	6.5			
210							32.0	250	9.8	43.8	273	6.1			
215							29.0	241	9.4	41.6	267	5.7			
220							25.7	231	8.9	39.2	261	5.4			
225							22.0	220	8.5	36.8	255	5.1			
230										34.2	247	4.7			
235										31.4	239	4.4			
240										28.4	231	4.1			
245										25.0	220	3.9			
250										21.2	208	3.6			
255										16.4	193	3.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.6	67.0	335	22.8						
135	55.1	319	22.3	57.7	324	23.3	65.8	334	21.8						
140	53.4	316	22.0	56.1	321	23.0	64.3	331	20.6						
145	51.6	312	21.7	54.3	317	22.7	62.7	329	19.5						
150	49.8	308	21.2	52.6	313	21.9	61.1	326	18.4						
155	47.9	303	20.4	50.7	309	20.8	59.4	323	17.4						
160	45.9	298	19.7	48.9	305	19.8	57.8	320	16.5						
165	43.9	293	19.1	47.0	300	18.9	56.1	317	15.7						
170	41.8	288	18.4	45.0	295	18.0	54.4	313	14.9						
175	39.6	282	17.8	42.9	290	17.2	52.6	309	14.1						
180	37.3	275	17.3	40.8	284	16.4	50.8	305	13.4						
180							48.9	301	12.8						
185										57.0	310	8.0			
185	34.9	268	16.8	38.6	278	15.7	47.0	296	12.2	55.7	307	7.6			
190	32.3	261	16.1	36.2	271	15.0	45.0	291	11.6	54.0	304	7.1			
195	29.5	252	15.3	33.7	264	14.3	43.0	286	11.0	52.2	300	6.7			
200	26.5	243	14.6	31.0	256	13.7	40.8	280	10.5	50.4	296	6.3			
205	23.0	231	13.8	28.1	247	13.1	38.6	274	10.0	48.5	291	5.9			
210	19.0	218	13.1	24.9	237	12.5	36.3	268	9.5	46.6	287	5.5			
215				21.2	225	12.0	33.8	260	9.0	44.6	282	5.2			
220							31.1	252	8.6	42.6	276	4.8			
225							28.2	243	8.2	40.4	271	4.5			
230							25.0	233	7.7	38.2	264	4.2			
235							21.3	221	7.4	35.8	258	3.9			
240										33.3	250	3.6			
245										30.5	242	3.3			
250										27.6	233	3.1			
255										24.3	222	2.8			
260										20.5	210	2.5			
265										15.8	194	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

152

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom                      66 ft luffing jib                      152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	128.3												
44				75.0	226	120.2									
45	66.2	223	123.0	73.8	225	116.3									
50	61.2	220	108.5	69.2	223	103.0									
55	56.0	217	95.7	64.4	221	90.8									
60	50.4	213	85.4	59.3	218	81.1									
65	44.3	208	77.1	54.0	215	73.2									
70	37.3	202	70.1	48.2	210	66.6									
74							67.0	218	53.5						
75	28.9	193	64.1	41.8	205	61.0	65.8	218	52.3						
80				34.4	198	56.1	60.8	215	48.2						
85				25.1	189	51.9	55.5	211	44.6						
90							49.9	207	41.5						
95							43.7	202	38.7						
100							36.7	196	36.2						
105							28.1	188	33.9						
109										57.0	203	25.5			
110										57.0	203	25.2			
115										52.0	200	23.9			
120										46.0	195	22.6			
125										39.3	189	21.3			
130										31.4	182	20.1			
170													37.0	156	6.3
175													30.6	150	5.9
180													19.4	138	5.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	128.3												
45	69.5	233	121.6												
46				75.0	235	111.3									
50	65.3	231	107.9	72.0	234	101.8									
55	61.0	228	95.5	67.9	232	90.6									
60	56.5	225	85.3	63.7	229	80.9									
65	51.7	221	76.9	59.3	227	72.9									
70	46.5	217	70.0	54.7	223	66.3									
75	40.8	211	64.1	49.8	219	60.8									
78							67.0	227	49.7						
80	34.4	204	59.0	44.5	214	56.0	64.9	226	47.8						
85	26.5	195	54.6	38.6	208	51.8	60.6	223	44.2						
90				31.7	201	48.1	56.1	220	41.1						
95				22.9	190	44.9	51.3	216	38.3						
100							46.1	211	35.9						
105							40.3	206	33.7						
110							35.4	201	31.7						
115										57.0	211	23.5			
115							27.8	192	29.9	57.0	211	23.2			
120										53.0	208	22.1			
125										48.0	204	20.9			
130										42.5	199	19.8			
135										36.3	192	18.7			
140										28.9	184	17.8			
178													37.0	162	5.2
180													35.6	160	5.2
185													28.1	152	4.8
190													17.6	139	4.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 85 ft luffing jib 152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	123.4												
45	71.9	244	120.3												
49				75.0	245	103.4									
50	68.3	242	106.7	74.2	244	100.6									
55	64.6	240	95.3	70.6	243	90.2									
60	60.8	237	85.0	67.0	240	80.5									
65	56.8	234	76.7	63.2	238	72.6									
70	52.6	230	69.8	59.3	235	66.1									
75	48.2	226	63.9	55.3	232	60.5									
80	43.4	221	58.9	51.0	228	55.7									
81							67.0	236	46.3						
85	38.1	214	54.5	46.4	223	51.6	64.3	235	43.8						
90	32.0	207	50.7	41.5	218	48.0	60.5	232	40.7						
95	24.5	197	47.2	35.9	211	44.8	56.5	229	37.9						
100				29.4	203	41.9	52.3	225	35.5						
105				23.3	195	32.4	47.8	220	33.3						
110							44.1	216	31.4						
115							38.9	210	29.6						
120							33.0	203	28.0	57.0	220	21.4			
125							25.8	194	26.4	53.8	217	20.5			
130										49.4	213	19.4			
135										44.7	208	18.4			
140										39.6	202	17.4			
145										33.8	195	16.5			
150										26.8	186	15.7			
186													37.0	168	4.2
190													33.2	163	4.0
195													26.0	154	3.7
200													16.0	139	3.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom                      95 ft luffing jib                      152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	110.0												
50	70.7	253	105.7												
51				75.0	254	96.6									
55	67.4	251	94.9	72.7	253	89.4									
60	64.1	248	84.9	69.5	251	80.4									
65	60.7	245	76.6	66.2	249	72.5									
70	57.1	242	69.7	62.8	246	65.9									
75	53.4	239	63.8	59.4	244	60.3									
80	49.4	234	58.8	55.7	240	55.6									
85	45.3	230	54.4	51.9	236	51.5									
85							67.0	245	43.4						
90	40.7	224	50.6	47.9	232	47.8	63.8	243	40.4						
95	35.7	217	47.2	43.6	227	44.6	60.4	240	37.7						
100	30.0	209	44.2	39.0	221	41.8	56.8	237	35.3						
105	22.9	199	41.5	33.7	214	39.2	53.1	233	33.1						
110				27.6	205	36.9	50.1	230	31.2						
115				21.7	196	29.9	45.9	225	29.4						
120							41.4	220	27.8						
125							36.5	213	26.3						
125										57.0	228	19.9			
130							30.9	206	24.9	54.4	225	19.1			
135							24.1	195	23.6	50.6	221	18.1			
140										46.5	217	17.2			
145										42.0	211	16.3			
150										37.2	205	15.5			
155										31.7	197	14.7			
160										25.0	188	14.0			
194													37.0	174	3.5
195													36.7	173	3.5
200													31.1	165	3.2
205													24.3	155	3.0

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	95.9												
54				75.0	264	90.3									
55	69.7	261	93.8	74.4	263	88.3									
60	66.7	259	84.7	71.5	262	80.0									
65	63.7	257	76.3	68.6	260	72.1									
70	60.5	254	69.4	65.6	257	65.6									
75	57.3	251	63.6	62.5	255	60.0									
80	54.0	247	58.5	59.4	252	55.3									
85	50.5	243	54.2	56.1	249	51.2									
89							67.0	254	40.5						
90	46.8	239	50.4	52.7	245	47.6	66.5	254	40.0						
95	42.8	233	47.0	49.1	241	44.4	63.4	252	37.3						
100	38.5	227	44.0	45.3	236	41.5	60.3	249	34.9						
105	33.7	220	41.4	41.3	230	39.0	57.8	246	32.8						
110	28.3	211	38.9	36.8	224	36.7	54.5	243	30.8						
115	21.5	200	36.7	31.8	216	34.6	51.0	239	29.1						
120				27.4	209	29.3	47.3	234	27.5						
125							43.4	229	26.0						
130							39.2	223	24.6						
131										57.0	236	18.3			
135							34.5	216	23.4	54.9	234	17.7			
140							29.1	208	22.2	51.5	230	16.7			
145							22.6	197	21.1	47.8	226	15.9			
150										43.9	221	15.1			
155										39.7	215	14.3			
160										35.1	208	13.6			
165										29.9	200	13.0			
170										23.5	189	12.3			
201													37.0	180	2.5
205													34.6	176	2.4

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	85.5												
57				75.0	273	84.7									
60	68.8	270	84.1	73.2	272	79.0									
65	66.1	268	76.0	70.5	270	71.8									
70	63.3	265	69.1	67.8	268	65.2									
75	60.5	262	63.3	65.1	266	59.7									
80	57.5	259	58.3	62.3	263	54.9									
85	54.5	256	53.9	59.4	260	50.8									
90	51.3	252	50.1	56.4	257	47.2									
93							67.0	263	37.9						
95	48.0	247	46.8	53.3	254	44.1	65.9	262	36.8						
100	44.4	242	43.8	50.1	249	41.3	63.1	260	34.4						
105	40.7	237	41.1	46.7	245	38.7	60.9	258	32.4						
110	36.6	230	38.7	43.1	240	36.4	58.0	255	30.4						
115	32.0	223	36.5	39.2	234	34.4	54.9	251	28.7						
120	26.8	213	34.5	36.0	228	30.4	51.8	247	27.1						
125	21.9	204	23.3	31.4	221	28.6	48.5	243	25.6						
130				26.0	211	26.8	45.0	238	24.3						
135							41.3	233	23.0						
136										57.0	244	16.8			
140							37.2	226	21.9	55.3	242	16.3			
145							32.7	219	20.8	52.2	239	15.4			
150							27.6	210	19.8	48.9	234	14.6			
155							21.3	198	18.8	45.4	230	13.9			
160										41.7	224	13.2			
165										37.8	218	12.6			
170										33.3	211	12.0			
175										28.3	202	11.4			
180										22.2	191	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	77.3									
60	70.6	280	75.1	74.5	282	77.3									
65	68.1	278	73.8	72.1	281	71.4									
70	65.6	276	68.9	69.7	279	65.0									
75	63.0	274	63.1	67.2	277	59.5									
80	60.4	271	58.1	64.6	274	54.7									
85	57.7	268	53.7	62.0	272	50.6									
90	54.9	264	50.0	59.4	269	47.0									
95	52.0	260	46.6	56.6	266	43.9									
97							67.0	273	35.7						
100	49.0	256	43.6	53.8	262	41.0	65.4	271	34.2						
105	45.8	251	41.0	50.9	258	38.5	63.4	269	32.1						
110	42.4	246	38.6	47.8	254	36.3	60.8	266	30.2						
115	38.8	240	36.4	44.6	249	34.2	58.1	263	28.4						
120	34.9	233	34.4	41.9	244	28.5	55.3	260	26.8						
125	31.6	227	22.8	38.3	238	27.4	52.4	256	25.4						
130	26.7	218	21.8	34.3	231	26.3	49.4	252	24.0						
135	20.8	206	20.7	29.9	223	25.1	46.3	247	22.8						
140				24.7	213	23.8	42.9	242	21.7						
141										57.0	253	15.5			
145							39.4	236	20.6	55.7	251	15.2			
150							35.5	229	19.6	52.8	247	14.4			
155							31.2	221	18.7	49.8	243	13.6			
160							26.3	212	17.8	46.7	238	13.0			
165							20.2	200	16.9	43.4	233	12.3			
170										39.8	227	11.7			
175										36.0	221	11.1			
180										31.8	213	10.6			
185										26.9	204	10.1			
190										21.1	192	9.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	69.1									
65	69.8	289	66.8	73.5	291	69.0									
70	67.5	287	65.5	71.2	289	64.6									
75	65.1	285	60.5	68.9	288	59.1									
80	62.8	282	57.8	66.6	285	54.4									
85	60.3	279	53.5	64.3	283	50.3									
90	57.8	276	49.7	61.9	280	46.7									
95	55.2	273	46.3	59.4	277	43.5									
100	52.6	269	43.4	56.9	274	40.7									
101							67.0	282	33.5						
105	49.8	265	40.7	54.2	271	38.2	65.5	280	31.7						
110	46.9	260	38.3	51.5	267	35.9	63.1	278	29.8						
115	43.9	255	36.1	48.7	262	33.9	60.7	275	28.0						
120	40.6	249	34.2	46.5	259	29.2	58.2	272	26.4						
125	38.0	245	22.9	43.4	254	27.4	55.6	268	25.0						
130	34.3	238	21.8	40.2	248	25.9	53.0	265	23.7						
135	30.2	229	20.9	36.7	241	24.5	50.2	261	22.4						
140	25.5	219	20.0	32.8	234	23.4	47.3	256	21.3						
145	19.7	207	19.1	28.6	225	22.4	44.3	251	20.2						
147										57.0	261	14.2			
150				23.5	214	21.4	41.1	245	19.3	55.9	259	13.9			
155							37.7	239	18.3	53.3	256	13.2			
160							34.0	232	17.5	50.6	252	12.5			
165							29.8	224	16.7	47.7	247	11.9			
170							25.1	214	15.9	44.7	242	11.3			
175							19.2	201	15.1	41.5	237	10.7			
180										38.1	231	10.2			
185										34.5	224	9.7			
190										30.4	215	9.2			
195										25.7	206	8.7			
200										20.0	193	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	58.3									
75	67.0	296	54.6	70.4	298	57.8									
80	64.8	293	53.3	68.3	296	54.0									
85	62.5	291	52.3	66.1	294	49.9									
90	60.3	288	49.4	63.9	291	46.4									
95	57.9	285	46.0	61.7	289	43.2									
100	55.5	281	43.1	59.4	286	40.4									
105							67.0	291	31.4						
105	53.1	278	40.4	57.0	283	37.9	67.0	291	31.0						
110	50.5	274	38.0	54.6	279	35.6	65.1	289	29.3						
115	47.8	269	35.9	52.1	275	33.6	62.9	286	27.6						
120	45.1	264	33.9	50.1	272	28.8	60.6	283	26.0						
125	42.8	260	23.1	47.5	268	27.0	58.3	280	24.6						
130	39.8	254	21.8	44.7	263	25.4	55.9	277	23.3						
135	36.5	248	20.7	41.7	257	24.0	53.4	273	22.0						
140	32.9	240	19.8	38.6	251	22.7	50.9	269	20.9						
145	29.0	232	19.1	35.2	244	21.6	48.2	265	19.9						
150	24.4	221	18.3	31.5	236	20.7	45.5	260	18.9						
152										57.0	269	13.0			
155	18.8	208	17.5	27.4	227	19.9	42.6	255	18.0	56.2	268	12.7			
160				22.5	216	19.0	39.5	249	17.1	53.7	264	12.1			
165							36.2	242	16.3	51.2	260	11.5			
170							32.6	235	15.6	48.6	256	10.9			
175							28.6	226	14.9	45.8	251	10.3			
180							24.0	215	14.2	43.0	246	9.8			
185							18.3	202	13.5	39.9	240	9.3			
190										36.6	234	8.8			
195										33.1	226	8.4			
200										29.2	218	7.9			
205										24.6	207	7.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	52.0									
80	66.5	304	48.4	69.8	307	51.2									
85	64.4	302	47.4	67.8	305	49.7									
90	62.3	299	46.6	65.7	302	46.1									
95	60.2	296	45.6	63.7	300	43.0									
100	58.0	293	42.9	61.6	297	40.1									
105	55.8	290	40.2	59.4	294	37.6									
108							67.0	300	29.2						
110	53.5	286	37.8	57.2	291	35.4	66.8	299	29.0						
115	51.1	282	35.6	54.9	288	33.3	64.7	297	27.3						
120	48.6	278	33.7	53.2	285	31.5	62.7	295	25.7						
125	46.7	274	24.8	50.8	281	29.9	60.5	292	24.3						
130	44.0	269	23.1	48.3	276	28.3	58.4	289	23.0						
135	41.3	264	21.5	45.7	272	26.5	56.1	285	21.8						
140	38.3	257	20.1	43.0	266	24.5	53.8	282	20.6						
145	35.1	251	18.9	40.2	261	22.7	51.5	278	19.6						
150	31.7	243	18.2	37.2	254	21.2	49.0	274	18.6						
155	27.9	234	17.5	33.9	247	20.1	46.5	269	17.7						
158										57.0	277	11.9			
160	23.4	223	16.7	30.3	239	19.3	43.8	264	16.9	56.4	277	11.8			
165				26.3	229	18.5	41.0	258	16.1	54.1	273	11.2			
170				21.6	217	17.6	38.1	252	15.3	51.8	269	10.6			
175							34.9	245	14.6	49.3	265	10.0			
180							31.4	237	14.0	46.8	260	9.5			
185							27.5	228	13.3	44.2	255	9.0			
190							23.0	217	12.7	41.4	250	8.5			
195										38.4	243	8.1			
200										35.3	237	7.7			
205										31.9	229	7.3			
210										28.0	220	6.9			
215										23.6	209	6.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 164 ft luffing jib 152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	45.0									
90	64.1	310	41.6	67.3	313	44.5									
95	62.2	308	41.0	65.4	311	42.6									
100	60.2	305	40.1	63.4	308	39.8									
105	58.1	302	39.0	61.4	306	37.3									
110	56.0	298	37.5	59.4	303	35.0									
112							67.0	309	27.4						
115	53.9	295	35.4	57.8	300	32.6	66.4	308	26.9						
120	51.6	291	33.4	55.7	297	31.2	64.4	306	25.3						
125	49.9	288	27.2	53.6	293	29.5	62.5	303	23.9						
130	47.5	283	25.1	51.3	289	28.0	60.5	300	22.6						
135	45.1	278	23.2	49.0	285	26.5	58.4	297	21.4						
140	42.5	273	21.4	46.6	281	25.2	56.3	294	20.2						
145	39.8	267	19.7	44.2	275	24.0	54.2	290	19.2						
150	37.0	260	18.3	41.6	270	22.8	52.0	286	18.2						
155	33.9	253	17.2	38.8	264	21.1	49.7	282	17.3						
160	30.6	245	16.6	35.9	257	19.5	47.3	278	16.5						
163										57.0	286	10.8			
165	26.8	236	15.9	32.7	250	18.7	44.9	273	15.7	56.6	285	10.7			
170	22.5	224	15.2	29.2	241	17.9	42.3	267	15.0	54.5	281	10.1			
175				25.3	231	17.1	39.6	262	14.3	52.3	278	9.6			
180				20.7	219	16.3	36.7	255	13.6	50.0	274	9.1			
185							33.7	248	13.0	47.6	269	8.6			
190							30.3	239	12.4	45.2	264	8.1			
195							26.5	230	11.8	42.7	259	7.7			
200							22.1	218	11.3	40.0	253	7.3			
205										37.1	247	6.9			
210										34.1	239	6.5			
215										30.7	231	6.1			
220										27.0	222	5.8			
225										22.7	211	5.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	40.0									
95	63.9	319	37.4	66.9	322	39.6									
100	62.0	316	36.9	65.0	319	39.0									
105	60.1	313	36.2	63.2	317	37.0									
110	58.2	310	35.4	61.3	314	34.7									
115	56.2	307	34.7	59.9	312	32.4									
116							67.0	318	25.8						
120	54.2	303	33.1	57.9	309	30.9	66.0	317	24.9						
125	52.6	300	27.7	55.9	306	29.2	64.2	314	23.5						
130	50.5	296	26.7	53.9	302	27.7	62.3	312	22.2						
135	48.3	292	24.7	51.8	298	26.2	60.4	309	21.0						
140	46.0	287	22.9	49.7	294	24.9	58.5	306	19.8						
145	43.6	282	21.1	47.4	289	23.7	56.5	302	18.8						
150	41.2	276	19.5	45.1	284	22.5	54.5	299	17.9						
155	38.5	270	18.0	42.7	279	21.5	52.4	295	17.0						
160	35.8	263	16.7	40.2	273	20.5	50.3	291	16.1						
165	32.8	256	16.0	37.5	267	19.0	48.1	287	15.3						
168										57.0	294	9.6			
170	29.5	247	15.5	34.7	260	17.8	45.8	282	14.6	56.8	294	9.5			
175	25.9	238	15.0	31.6	252	17.1	43.4	277	13.9	54.8	290	9.0			
180	21.7	226	14.5	28.3	243	16.5	40.9	271	13.3	52.7	286	8.5			
185				24.5	233	15.8	38.3	265	12.6	50.6	282	8.0			
190				20.0	220	15.1	35.5	258	12.0	48.4	278	7.6			
195							32.5	250	11.5	46.1	273	7.2			
200							29.3	242	11.0	43.7	268	6.8			
205							25.6	232	10.4	41.3	262	6.4			
210							21.3	220	9.9	38.7	256	6.0			
215										35.9	249	5.7			
220										32.9	242	5.3			
225										29.7	234	5.0			
230										26.1	224	4.7			
235										21.9	212	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	34.7									
105	62.3	325	31.1	64.7	328	34.3									
110	60.5	322	30.3	63.0	325	34.0									
115	58.7	319	29.2	61.6	323	31.2									
120							67.0	327	24.6						
120	56.8	316	28.2	59.8	321	30.3	67.0	327	24.3						
125	54.9	313	27.3	58.0	317	29.0	65.6	325	23.2						
130	53.0	309	26.5	56.1	314	27.4	63.9	323	21.9						
135	51.0	305	25.8	54.2	311	26.0	62.1	320	20.7						
140	48.9	301	24.2	52.3	307	24.6	60.4	317	19.6						
145	46.8	296	22.4	50.2	303	23.4	58.5	314	18.5						
150	44.6	291	20.7	48.2	298	22.3	56.7	311	17.6						
155	42.3	286	19.2	46.0	293	21.2	54.8	307	16.7						
160	39.9	280	17.7	43.8	288	20.2	52.8	304	15.8						
165	37.4	273	16.4	41.4	283	19.3	50.8	300	15.1						
170	34.7	266	15.4	39.0	277	18.3	48.8	295	14.3						
174										57.0	302	8.6			
175										56.9	302	8.6			
180	31.8	258	15.0	36.4	270	17.0	46.6	291	13.6	56.9	302	8.6			
180	28.6	250	14.6	33.6	263	16.3	44.4	286	13.0	55.0	299	8.1			
185	25.1	239	14.2	30.6	255	15.7	42.1	280	12.4	53.1	295	7.6			
190	21.0	227	13.8	27.3	245	15.1	39.7	274	11.8	51.1	291	7.2			
195				23.6	234	14.5	37.1	268	11.2	49.0	287	6.7			
200				19.2	221	13.9	34.4	261	10.7	46.9	282	6.3			
205							31.5	253	10.2	44.7	277	6.0			
210							28.3	244	9.7	42.4	272	5.6			
215							24.8	234	9.3	40.0	266	5.3			
220							20.6	221	8.8	37.5	259	4.9			
225										34.8	252	4.6			
230										31.9	245	4.3			
235										28.8	236	4.0			
240										25.2	226	3.7			
245										21.2	214	3.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.8									
120	58.7	328	25.9	61.5	332	27.5									
124							67.0	336	22.8						
125							67.0	336	22.8						
130	57.0	325	25.1	59.8	329	26.8	67.0	336	22.8						
135	55.2	321	24.3	58.1	326	26.1	65.3	334	21.5						
140	53.3	318	23.7	56.3	323	25.5	63.7	331	20.3						
145	51.4	314	23.1	54.5	319	24.3	62.0	329	19.2						
145	49.5	309	22.2	52.6	315	23.1	60.3	326	18.1						
150	47.5	305	21.0	50.7	311	22.0	58.6	323	17.2						
155	45.4	300	19.9	48.8	307	20.9	56.8	319	16.3						
160	43.3	295	18.8	46.8	302	19.9	55.0	316	15.5						
165	41.1	289	17.8	44.7	297	19.0	53.2	312	14.7						
170	38.7	283	16.9	42.5	292	18.1	51.3	308	14.0						
175	36.3	276	16.1	40.2	286	17.3	49.3	304	13.3						
179										57.0	310	7.5			
180	33.6	269	15.4	37.8	280	16.5	47.3	299	12.6	57.0	310	7.4			
185	30.8	261	14.9	35.3	273	15.8	45.3	295	12.0	55.2	307	7.0			
190	27.7	252	14.3	32.6	265	15.1	43.1	289	11.4	53.4	303	6.6			
195	24.3	241	13.8	29.7	257	14.4	40.9	284	10.9	51.5	299	6.1			
200	20.3	229	13.2	26.5	247	13.8	38.5	278	10.4	49.6	295	5.8			
205				22.9	236	13.2	36.1	271	9.9	47.6	291	5.4			
210				18.6	222	12.6	33.4	263	9.4	45.5	286	5.0			
215							30.6	255	8.9	43.4	281	4.7			
220							27.5	246	8.5	41.2	275	4.4			
225							24.0	235	8.1	38.8	269	4.1			
230							19.9	222	7.7	36.4	262	3.8			
235										33.8	255	3.5			
240										31.0	247	3.2			
245										27.9	238	2.9			
250										24.4	227	2.7			
255										20.5	215	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	21.2						
130	57.1	333	21.9	59.8	337	23.3	66.6	344	20.9						
135	55.4	330	21.4	58.1	334	22.7	65.1	342	19.8						
140	53.6	326	20.9	56.5	331	22.3	63.5	340	18.7						
145	51.9	322	20.4	54.7	328	21.8	61.9	337	17.7						
150	50.0	318	19.9	53.0	324	21.4	60.3	334	16.8						
155	48.1	314	19.3	51.2	320	20.6	58.6	331	15.9						
160	46.2	309	18.7	49.3	316	19.6	56.9	328	15.1						
165	44.2	304	18.1	47.4	311	18.7	55.2	324	14.3						
170	42.1	298	17.5	45.5	306	17.8	53.5	321	13.6						
175	39.9	292	17.0	43.4	301	17.0	51.7	317	12.9						
180	37.7	286	16.5	41.3	295	16.2	49.9	313	12.2						
184										57.0	319	6.4			
185	35.3	279	16.0	39.1	289	15.5	48.0	308	11.6	57.0	319	6.3			
190	32.7	272	15.4	36.8	283	14.8	46.0	304	11.1	55.5	316	5.9			
195	29.9	263	14.7	34.3	276	14.1	44.0	298	10.5	53.7	312	5.5			
200	26.9	254	14.0	31.7	268	13.5	41.9	293	10.0	51.9	308	5.2			
205	23.5	243	13.3	28.9	259	12.9	39.8	287	9.5	50.1	304	4.8			
210	19.6	230	12.6	25.7	249	12.4	37.5	281	9.0	48.2	300	4.4			
215				22.2	238	11.8	35.1	274	8.6	46.3	295	4.1			
220							32.5	266	8.2	44.3	290	3.8			
225							29.7	258	7.7	42.2	284	3.5			
230							26.7	248	7.3	40.0	278	3.2			
235							23.2	237	7.0	37.8	272	2.9			
240							19.2	224	6.6	35.4	265	2.7			
245										32.8	258	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	128.3												
45				75.0	234	114.8									
45	66.8	232	121.4	74.8	234	114.2									
50	61.8	229	107.6	70.2	233	101.3									
55	56.6	226	95.3	65.4	230	90.2									
60	51.1	222	85.1	60.4	228	80.6									
65	45.1	217	76.8	55.2	224	72.7									
70	38.2	211	69.8	49.5	220	66.1									
75	30.0	203	63.9	43.3	215	60.5									
76							67.0	227	50.4						
80	21.8	195	33.0	36.1	208	55.7	63.1	225	47.2						
85				27.4	200	51.5	58.0	222	43.7						
90							52.5	218	40.6						
95							46.6	213	37.9						
100							40.0	208	35.4						
105							32.3	200	33.2						
110							24.8	193	31.3						
113										57.0	211	23.1			
115										56.1	211	22.8			
120										50.5	207	21.5			
125										44.4	202	20.4			
130										37.5	196	19.3			
135										29.1	187	18.2			
176													37.0	162	4.7
180													32.8	158	4.5
185													22.8	148	4.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>76 ft luffing jib</b> <b>161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	128.3												
45	70.0	243	120.0												
47				75.0	244	106.4									
50	65.8	240	106.4	72.9	243	100.0									
55	61.5	238	95.2	68.8	241	89.8									
60	57.0	235	85.0	64.6	239	80.3									
65	52.3	231	76.7	60.3	236	72.4									
70	47.2	226	69.7	55.7	233	65.9									
75	41.6	221	63.9	50.9	229	60.3									
80							67.0	236	46.9						
80	35.2	214	58.8	45.7	224	55.6	66.9	236	46.8						
85	27.6	205	54.4	39.9	218	51.4	62.6	233	43.3						
90				33.3	211	47.8	58.2	230	40.2						
95				25.1	202	44.6	53.5	227	37.5						
100							48.5	222	35.1						
105							44.4	218	33.0						
110							38.4	212	31.1						
115							31.5	205	29.3						
118										57.0	219	21.2			
120							22.7	194	27.6	56.6	219	21.1			
125										51.8	215	19.9			
130										46.6	211	18.9			
135										41.0	205	17.9			
140										34.6	198	16.9			
145										26.7	189	16.0			
184													37.0	168	3.7
185													37.0	168	3.7
190													30.2	160	3.4
195													20.7	149	3.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 85 ft luffing jib 161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	116.4												
50				75.0	253	99.0									
50	68.8	251	105.2	74.9	253	98.8									
55	65.1	249	94.5	71.4	252	88.7									
60	61.3	246	84.8	67.8	250	79.9									
65	57.3	243	76.4	64.1	247	72.1									
70	53.2	239	69.5	60.2	244	65.6									
75	48.7	235	63.7	56.2	241	60.0									
80	44.0	230	58.7	52.0	237	55.3									
84							67.0	245	43.7						
85	38.7	224	54.3	47.5	233	51.2	66.0	244	42.8						
90	32.8	217	50.5	42.6	228	47.6	62.3	242	39.8						
95	25.6	207	47.1	37.2	221	44.4	58.3	239	37.1						
100				30.9	214	41.6	54.2	235	34.7						
105				23.2	203	39.0	50.9	232	32.7						
110							46.3	227	30.7						
115							41.4	222	29.0						
120							35.8	215	27.4						
124										57.0	228	19.5			
125							29.3	207	25.9	56.9	228	19.5			
130							20.9	196	24.5	52.7	224	18.4			
135										48.3	220	17.4			
140										43.5	214	16.5			
145										38.2	208	15.7			
150										32.1	201	14.9			
155										24.7	191	14.1			
192													37.0	174	2.6
195													34.7	171	2.5
200													28.0	162	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom                      95 ft luffing jib                      161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	104.1												
50	71.1	262	101.9												
52				75.0	263	92.7									
55	67.8	260	93.7	73.4	262	87.8									
60	64.5	257	84.6	70.2	260	79.6									
65	61.1	255	76.3	66.9	258	71.9									
70	57.5	251	69.4	63.6	256	65.4									
75	53.8	248	63.6	60.1	253	59.9									
80	49.9	244	58.6	56.5	250	55.1									
85	45.8	239	54.2	52.8	246	51.1									
88							67.0	254	41.0						
90	41.3	234	50.4	48.8	242	47.5	65.4	253	39.6						
95	36.4	227	47.1	44.6	237	44.3	62.0	250	36.9						
100	30.7	219	44.1	40.0	231	41.5	58.5	247	34.5						
105	23.9	209	41.3	34.9	224	38.9	55.7	244	32.5						
110				29.0	216	36.6	51.9	241	30.5						
115				21.6	205	34.5	47.8	236	28.8						
120							43.5	231	27.2						
125							38.8	225	25.7						
129										57.0	236	18.3			
130							33.6	218	24.4	57.0	236	18.1			
135							27.4	209	23.1	53.5	232	17.2			
140							19.4	197	21.9	49.5	228	16.3			
145										45.4	223	15.5			
150										40.9	218	14.7			
155										35.9	211	13.9			
160										30.1	203	13.2			
165										23.1	193	12.6			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>161</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 105 ft luffing jib 161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	91.8												
55	70.0	270	90.0	75.0	272	86.8									
60	67.1	268	84.0	72.1	271	78.6									
65	64.0	266	76.0	69.2	269	71.6									
70	60.9	263	69.2	66.2	267	65.0									
75	57.7	260	63.3	63.2	264	59.5									
80	54.4	256	58.3	60.1	261	54.8									
85	50.9	252	54.0	56.8	258	50.7									
90	47.2	248	50.2	53.4	255	47.2									
91							67.0	263	38.3						
95	43.3	243	46.9	49.9	250	44.0	64.8	261	36.4						
100	39.1	237	43.9	46.2	246	41.2	61.7	259	34.1						
105	34.4	230	41.2	42.2	240	38.7	59.3	256	32.0						
110	29.0	221	38.8	37.8	234	36.4	56.0	253	30.1						
115	22.4	210	36.6	33.0	227	34.4	52.6	249	28.4						
120				28.7	220	28.6	49.0	245	26.8						
125				22.1	209	25.9	45.2	240	25.4						
130							41.2	235	24.0						
135										57.0	244	16.7			
135							36.7	228	22.8	57.0	244	16.6			
140							31.7	220	21.7	54.1	241	15.8			
145							25.8	211	20.6	50.6	237	15.0			
150							18.1	198	19.6	46.9	232	14.2			
155										42.9	227	13.5			
160										38.6	221	12.9			
165										33.9	214	12.2			
170										28.4	205	11.6			
175										21.7	194	11.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.7												
58				75.0	282	81.4									
60	69.2	279	79.3	73.7	281	77.6									
65	66.4	277	75.8	71.1	279	70.9									
70	63.7	274	68.9	68.4	278	64.7									
75	60.8	272	63.0	65.7	275	59.2									
80	57.9	268	58.1	62.9	273	54.5									
85	54.8	265	53.7	60.0	270	50.4									
90	51.7	261	49.9	57.1	267	46.9									
95	48.4	257	46.6	54.0	263	43.7									
95							67.0	272	35.9						
100	44.9	252	43.6	50.8	259	40.9	64.4	270	33.6						
105	41.2	246	41.0	47.4	255	38.4	62.2	268	31.6						
110	37.1	240	38.6	43.9	250	36.1	59.3	265	29.7						
115	32.6	232	36.4	40.1	244	34.1	56.3	262	28.0						
120	27.5	223	34.4	36.9	239	28.6	53.2	258	26.4						
125	22.8	215	21.9	32.4	231	27.0	50.0	254	25.0						
130				27.2	222	25.2	46.6	249	23.7						
135				20.8	210	23.4	43.0	244	22.5						
140										57.0	252	15.3			
140							39.1	238	21.3	57.0	252	15.2			
145							34.9	231	20.3	54.5	250	14.5			
150							30.1	223	19.3	51.4	246	13.8			
155							24.4	213	18.4	48.0	241	13.1			
160							17.0	199	17.5	44.5	236	12.4			
165										40.8	231	11.8			
170										36.7	224	11.2			
175										32.1	217	10.7			
180										26.9	207	10.1			
185										20.4	195	9.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 125 ft luffing jib 161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	74.6									
65	68.4	288	70.5	72.6	290	70.2									
70	65.9	285	68.7	70.2	288	64.5									
75	63.3	283	62.8	67.7	286	59.0									
80	60.7	280	57.9	65.2	284	54.3									
85	58.0	277	53.5	62.6	281	50.2									
90	55.2	274	49.8	60.0	278	46.6									
95	52.3	270	46.4	57.2	275	43.5									
99							67.0	281	33.8						
100	49.3	266	43.5	54.4	272	40.7	66.5	281	33.4						
105	46.2	261	40.8	51.5	268	38.2	64.6	279	31.3						
110	42.8	256	38.4	48.5	263	35.9	62.0	276	29.4						
115	39.3	250	36.2	45.3	259	33.9	59.3	273	27.7						
120	35.4	243	34.3	42.7	254	27.9	56.6	270	26.2						
125	32.1	237	22.1	39.1	249	26.4	53.8	266	24.7						
130	27.4	228	20.9	35.2	242	25.1	50.8	262	23.4						
135	21.6	216	19.7	30.9	234	23.9	47.7	258	22.2						
140				25.9	224	22.7	44.5	253	21.1						
145				19.7	212	21.5	41.0	247	20.1						
150							37.3	241	19.1	57.0	261	14.0			
155							33.2	234	18.2	54.9	258	13.5			
160							28.6	225	17.3	52.1	254	12.8			
165							23.2	214	16.5	49.0	250	12.2			
170										45.9	245	11.5			
175										42.5	240	11.0			
180										38.9	234	10.4			
185										35.0	227	9.9			
190										30.6	219	9.4			
195										25.6	209	8.9			
										19.3	196	8.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	65.9									
65	70.1	298	60.6	74.0	300	65.9									
70	67.8	296	59.2	71.7	299	62.9									
75	65.4	294	57.6	69.4	297	58.6									
80	63.1	291	56.3	67.1	295	53.9									
85	60.6	289	53.3	64.8	292	49.9									
90	58.1	285	49.5	62.4	290	46.3									
95	55.5	282	46.1	59.9	287	43.2									
100	52.9	278	43.2	57.4	284	40.4									
103							67.0	290	31.3						
105	50.1	274	40.5	54.8	280	37.9	66.6	290	30.9						
110	47.3	270	38.2	52.1	276	35.6	64.2	287	29.0						
115	44.2	265	36.0	49.3	272	33.6	61.8	285	27.3						
120	41.0	259	34.0	47.1	269	28.4	59.3	282	25.8						
125	38.4	254	22.1	44.1	264	26.4	56.8	279	24.3						
130	34.8	247	20.9	40.9	258	24.5	54.2	275	23.0						
135	30.7	239	19.9	37.4	252	22.8	51.5	271	21.8						
140	26.1	230	18.9	33.7	244	21.7	48.7	267	20.7						
145	20.5	218	17.9	29.5	236	20.7	45.7	262	19.7						
150				24.7	226	19.8	42.6	257	18.7						
151										57.0	269	12.8			
155							39.3	251	17.8	55.3	267	12.3			
160							35.7	244	17.0	52.6	263	11.7			
165							31.8	236	16.2	49.9	259	11.1			
170							27.4	227	15.4	47.0	254	10.5			
175							22.1	216	14.7	43.9	249	10.0			
180										40.7	243	9.5			
185										37.3	237	9.0			
190										33.5	230	8.5			
195										29.3	221	8.1			
200										24.4	211	7.7			
205										18.3	198	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>144 ft luffing jib</b> <b>161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	56.2									
75	67.2	305	52.5	70.9	307	55.8									
80	65.0	302	51.3	68.8	305	53.6									
85	62.8	300	50.2	66.6	303	49.5									
90	60.5	297	49.1	64.4	301	45.9									
95	58.2	294	45.9	62.2	298	42.8									
100	55.8	291	42.9	59.9	295	40.0									
105	53.4	287	40.2	57.6	292	37.5									
107							67.0	299	29.3						
110	50.8	283	37.9	55.1	289	35.3	66.1	298	28.6						
115	48.2	278	35.7	52.7	285	33.3	63.9	296	26.9						
120	45.4	274	33.7	50.7	282	27.4	61.6	293	25.3						
125	43.2	270	22.5	48.1	277	25.6	59.3	290	23.9						
130	40.2	264	21.1	45.3	273	23.9	57.0	287	22.6						
135	36.9	257	19.8	42.4	267	22.3	54.6	284	21.4						
140	33.4	250	18.9	39.3	261	20.9	52.1	280	20.3						
145	29.5	242	18.1	36.0	255	19.7	49.5	275	19.3						
150	25.0	231	17.4	32.4	247	19.0	46.8	271	18.4						
155	19.6	219	16.6	28.3	238	18.2	43.9	266	17.5						
156										57.0	277	11.6			
160				23.6	227	17.5	40.9	260	16.6	55.6	275	11.2			
165							37.8	254	15.9	53.1	271	10.6			
170							34.3	247	15.1	50.6	267	10.1			
175							30.5	239	14.4	47.9	263	9.6			
180							26.2	229	13.7	45.1	258	9.1			
185							21.1	217	13.1	42.2	253	8.6			
190										39.1	247	8.1			
195										35.8	240	7.7			
200										32.1	232	7.3			
205										28.1	223	6.9			
210										23.4	213	6.5			
215										17.4	198	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 154 ft luffing jib 161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.5									
80	66.7	313	46.1	70.2	316	48.9									
85	64.7	311	45.1	68.2	314	48.3									
90	62.6	308	44.2	66.2	312	45.7									
95	60.5	305	43.3	64.1	309	42.6									
100	58.3	302	42.0	62.0	307	39.8									
105	56.1	299	40.0	59.9	304	37.3									
110	53.8	295	37.6	57.7	301	35.1									
111							67.0	308	27.7						
115	51.4	292	35.5	56.0	298	31.0	65.7	307	26.6						
120	49.0	287	33.5	53.7	294	30.4	63.6	304	25.1						
125	47.0	284	24.6	51.3	291	29.6	61.5	302	23.6						
130	44.4	279	22.6	48.8	286	27.7	59.4	299	22.4						
135	41.6	273	20.9	46.3	282	25.5	57.2	296	21.2						
140	38.7	267	19.2	43.6	276	23.5	54.9	292	20.1						
145	35.5	260	17.8	40.8	271	21.7	52.6	288	19.0						
150	32.1	253	17.1	37.8	264	20.0	50.2	284	18.1						
155	28.4	244	16.4	34.6	257	18.8	47.7	280	17.2						
160	24.0	233	15.7	31.1	249	18.1	45.1	275	16.4						
161									57.0	285	10.6				
165	18.7	220	15.0	27.2	240	17.3	42.3	269	15.6	55.8	284	10.3			
170				22.7	229	16.5	39.4	263	14.9	53.5	280	9.7			
175							36.4	257	14.2	51.2	276	9.2			
180							33.0	249	13.5	48.7	272	8.7			
185							29.4	241	12.9	46.2	267	8.3			
190							25.2	231	12.3	43.5	262	7.8			
195							20.2	218	11.7	40.7	256	7.4			
200										37.7	250	7.0			
205										34.5	243	6.6			
210										30.9	235	6.3			
215										27.0	225	5.9			
220										22.4	214	5.6			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 164 ft luffing jib 161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	43.4									
90	64.4	319	40.0	67.7	322	42.8									
95	62.4	317	39.4	65.8	320	42.0									
100	60.4	314	38.5	63.8	318	39.4									
105	58.4	311	37.4	61.9	315	37.0									
110	56.3	308	36.5	59.8	312	34.7									
115							67.0	317	26.3						
115	54.1	304	35.2	58.3	310	32.5	67.0	317	26.0						
120	51.9	300	33.2	56.2	307	30.9	65.3	315	24.6						
125	50.2	297	27.8	54.0	303	29.3	63.4	313	23.2						
130	47.8	293	25.4	51.8	299	27.7	61.4	310	21.9						
135	45.4	288	23.2	49.5	295	26.3	59.4	307	20.8						
140	42.9	282	21.1	47.2	290	25.0	57.3	304	19.7						
145	40.2	277	19.2	44.7	285	23.7	55.2	301	18.6						
150	37.3	270	17.5	42.1	280	22.6	53.0	297	17.7						
155	34.3	263	16.2	39.4	274	20.8	50.8	293	16.8						
160	31.0	255	15.6	36.5	267	19.0	48.4	288	16.0						
165	27.3	246	15.0	33.4	260	18.0	46.0	284	15.2						
167										57.0	294	9.3			
170	23.1	235	14.4	30.0	252	17.3	43.5	279	14.5	56.1	292	9.1			
175	18.0	221	13.8	26.2	242	16.5	40.9	273	13.8	53.9	289	8.6			
180				21.8	230	15.8	38.1	267	13.2	51.7	285	8.1			
185							35.1	260	12.6	49.4	280	7.7			
190							31.9	252	12.0	47.0	276	7.2			
195							28.3	243	11.4	44.6	271	6.8			
200							24.2	233	10.9	42.0	265	6.4			
205							19.4	220	10.4	39.3	259	6.1			
210										36.4	253	5.7			
215										33.2	245	5.4			
220										29.8	237	5.1			
225										26.0	227	4.8			
230										21.5	216	4.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 174 ft luffing jib 161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	37.8									
100	62.2	325	35.0	65.4	329	37.3									
105	60.4	322	34.3	63.6	326	36.6									
110	58.4	319	33.4	61.7	324	34.4									
115	56.9	317	29.6	60.3	321	32.4									
118							67.0	326	24.4						
120	54.9	313	28.4	58.3	318	30.6	66.8	326	24.2						
125	52.9	310	27.3	56.4	315	28.9	65.0	324	22.8						
130	50.7	306	26.3	54.3	312	27.4	63.2	321	21.5						
135	48.6	301	24.4	52.3	308	26.0	61.3	319	20.3						
140	46.3	297	22.4	50.1	304	24.6	59.4	316	19.3						
145	43.9	291	20.5	47.9	299	23.4	57.4	312	18.2						
150	41.5	286	18.8	45.6	294	22.3	55.4	309	17.3						
155	38.9	280	17.2	43.3	289	21.2	53.4	305	16.4						
160	36.1	273	15.7	40.8	283	19.9	51.3	301	15.6						
165	33.2	266	15.0	38.1	277	18.4	49.1	297	14.8						
170	30.0	257	14.5	35.3	270	17.1	46.9	293	14.1						
172										57.0	302	8.1			
175	26.4	248	14.1	32.3	263	16.4	44.5	288	13.4	56.3	301	7.9			
180	22.3	236	13.6	29.0	254	15.7	42.1	282	12.8	54.2	297	7.5			
185				25.3	244	15.1	39.5	276	12.2	52.2	293	7.0			
190				21.0	232	14.4	36.8	270	11.6	50.0	289	6.6			
195							33.9	262	11.1	47.8	285	6.2			
200							30.8	254	10.6	45.5	280	5.8			
205							27.3	245	10.1	43.1	275	5.5			
210							23.4	234	9.6	40.6	269	5.1			
215							18.6	221	9.1	38.0	263	4.8			
220										35.2	256	4.5			
225										32.1	248	4.2			
230										28.8	239	3.9			
235										25.1	229	3.7			
240										20.7	217	3.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.8									
105	62.5	334	30.4	65.1	337	33.4									
110	60.7	332	29.6	63.4	335	33.1									
115	58.9	329	28.5	62.0	333	30.5									
120	57.1	325	27.4	60.2	330	29.7									
122							67.0	335	22.9						
125	55.2	322	26.5	58.4	327	28.7	66.4	335	22.4						
130	53.2	318	25.6	56.5	324	27.1	64.7	332	21.2						
135	51.2	314	24.9	54.6	320	25.7	63.0	330	20.1						
140	49.2	310	23.5	52.7	316	24.4	61.2	327	19.0						
145	47.1	305	21.7	50.7	312	23.2	59.4	324	18.0						
150	44.9	300	20.0	48.6	308	22.0	57.5	321	17.0						
155	42.6	295	18.4	46.5	303	21.0	55.6	318	16.1						
160	40.2	289	16.9	44.3	298	20.0	53.7	314	15.3						
165	37.7	283	15.6	41.9	293	19.1	51.7	310	14.6						
170	35.0	276	14.4	39.5	287	17.8	49.7	306	13.9						
175	32.1	268	14.1	37.0	280	16.6	47.6	301	13.2						
177										57.0	310	7.2			
180	29.0	260	13.7	34.2	273	15.7	45.4	297	12.5	56.4	309	7.0			
185	25.5	250	13.4	31.3	265	15.1	43.2	291	11.9	54.5	306	6.6			
190	21.5	238	13.0	28.1	256	14.5	40.8	286	11.4	52.6	302	6.2			
195				24.5	246	13.9	38.3	279	10.8	50.6	298	5.8			
200				20.3	233	13.3	35.7	273	10.3	48.5	293	5.4			
205							32.9	265	9.8	46.4	289	5.1			
210							29.8	257	9.3	44.1	284	4.7			
215							26.4	247	8.9	41.8	278	4.4			
220							22.6	236	8.5	39.4	272	4.1			
225							17.9	222	8.0	36.8	266	3.8			
230										34.1	258	3.5			
235										31.1	250	3.3			
240										27.9	241	3.0			
245										24.3	231	2.7			
250										20.0	218	2.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	26.8									
125	57.2	334	24.1	60.2	338	26.1									
126															
130	55.4	330	23.3	58.5	335	25.3	67.0	344	21.2						
135	53.6	327	22.6	56.7	332	24.6	66.1	343	20.6						
140	51.7	323	21.9	54.9	329	23.9	64.4	341	19.5						
145	49.7	319	21.1	53.0	325	22.8	62.8	338	18.4						
150	47.8	314	20.0	51.2	321	21.7	61.1	336	17.5						
155	45.7	309	18.9	49.2	317	20.7	59.4	333	16.6						
160	43.6	304	17.9	47.2	312	19.7	57.6	329	15.7						
165	41.4	299	17.0	45.1	307	18.8	55.8	326	14.9						
170	39.0	293	16.2	43.0	302	17.9	54.0	323	14.2						
175	36.6	286	15.4	40.7	296	17.1	52.2	319	13.5						
180	34.0	279	14.7	38.4	290	16.3	50.2	315	12.8						
183							48.3	310	12.2						
185	31.2	271	14.2	35.9	283	15.6	57.0	318	6.1						
190	28.1	262	13.7	33.2	276	14.9	56.6	318	6.0						
195	24.7	251	13.2	30.4	268	14.3	46.2	305	11.6	54.8	314	5.6			
200	20.8	239	12.6	27.2	258	13.6	44.1	300	11.0	52.9	310	5.2			
205				23.7	247	13.0	41.9	295	10.5	51.0	306	4.8			
210				19.6	234	12.5	39.6	289	9.9	49.1	302	4.5			
215							37.2	282	9.5	47.1	298	4.1			
220							34.7	275	9.0						
225							31.9	268	8.6	45.0	293	3.8			
230							28.9	259	8.1	42.9	287	3.5			
235							25.6	249	7.7	40.6	282	3.2			
240							21.9	237	7.3	38.2	275	3.0			
							17.3	223	6.9	35.7	269	2.7			
										33.1	261	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 203 ft luffing jib 161 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	371	26.1												
65	77.3	370	26.1												
70	75.9	369	25.9												
75	74.4	368	25.8												
80	72.9	366	25.6												
81				75.0	367	25.5									
85	71.5	365	25.5	74.0	366	25.5									
90	70.0	363	25.2	72.5	365	25.5									
95	68.5	361	24.9	71.0	363	25.4									
100	66.9	359	24.6	69.5	361	25.1									
105	65.4	356	24.2	68.0	359	24.9									
110	63.8	354	23.9	66.5	357	24.6									
115	62.2	351	23.7	64.9	355	24.3									
120	60.6	349	23.1	63.4	352	24.0									
125	59.0	346	22.2	61.8	350	23.8									
130							67.0	354	19.9						
130	57.3	342	21.4	60.2	347	23.2	67.0	354	19.7						
135	55.6	339	20.7	58.5	344	22.5	65.8	352	18.8						
140	53.9	335	20.0	56.8	341	21.8	64.2	349	17.8						
145	52.1	332	19.5	55.1	337	21.2	62.6	347	16.8						
150	50.3	327	18.9	53.4	333	20.7	61.0	344	16.0						
155	48.4	323	18.4	51.6	330	20.2	59.4	341	15.1						
160	46.4	318	17.8	49.7	325	19.4	57.7	338	14.4						
165	44.5	313	17.3	47.9	321	18.4	56.0	335	13.6						
170	42.4	308	16.8	45.9	316	17.6	54.3	331	12.9						
175	40.2	302	16.3	43.9	311	16.8	52.5	327	12.3						
180	38.0	296	15.9	41.8	305	16.0	50.7	323	11.7						
185	35.6	289	15.5	39.6	300	15.3	48.9	319	11.1						
188										57.0	327	5.0			
190	33.0	281	14.9	37.3	293	14.6	46.9	314	10.6	56.7	326	5.0			
195	30.3	273	14.2	34.9	286	14.0	45.0	309	10.0	55.0	323	4.6			
200	27.3	264	13.6	32.3	278	13.3	42.9	304	9.6	53.3	319	4.2			
205	24.0	253	12.9	29.5	270	12.8	40.8	298	9.1	51.5	315	3.9			
210	20.1	240	12.3	26.4	260	12.2	38.5	292	8.6	49.6	311	3.6			
215				23.0	249	11.6	36.2	285	8.2	47.7	306	3.2			
220				18.9	236	11.1	33.7	278	7.8	45.8	302	2.9			
225							31.0	270	7.4	43.8	296	2.7			
230							28.1	261	7.0	41.7	291	2.4			
235							24.9	251	6.6						
240							21.2	239	6.2						
245							16.7	224	5.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom</b> <b>66 ft luffing jib</b> <b>171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	128.3												
45	67.4	242	119.6												
46				75.0	244	109.1									
50	62.5	239	106.1	71.3	243	99.3									
55	57.4	236	95.1	66.6	241	89.1									
60	51.9	232	84.9	61.6	238	79.9									
65	45.9	228	76.6	56.4	235	72.1									
70	39.2	222	69.7	50.9	231	65.6									
75	31.3	214	63.8	44.8	226	60.1									
79							67.0	236	47.1						
80	23.5	206	33.0	38.0	220	55.3	65.6	236	46.0						
85				29.7	212	51.2	60.6	233	42.6						
90				21.3	203	33.0	55.4	229	39.6						
95							49.7	225	36.9						
100							43.5	220	34.5						
105							38.2	216	32.5						
110							30.0	208	30.5						
117										57.0	220	20.6			
120										55.2	219	20.2			
125										49.6	215	19.1			
130										43.3	210	18.1			
135										36.2	203	17.1			
140										27.5	195	16.2			
183													37.0	169	2.6
185													36.0	168	2.5
190													27.1	159	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 76 ft luffing jib 171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	123.8												
45	70.5	253	118.2												
49				75.0	254	101.4									
50	66.4	250	104.9	73.8	253	98.0									
55	62.1	248	94.3	69.8	251	88.0									
60	57.7	245	84.8	65.7	249	79.6									
65	52.9	241	76.5	61.4	247	71.8									
70	47.9	237	69.6	56.9	243	65.3									
75	42.4	231	63.7	52.1	240	59.8									
80	36.2	225	58.7	47.0	235	55.1									
82							67.0	245	43.9						
85	28.7	217	54.3	41.4	230	51.0	64.8	244	42.1						
90	21.4	208	31.4	35.0	223	47.4	60.5	241	39.2						
95				27.3	214	44.2	55.9	238	36.5						
100							51.1	234	34.2						
105							47.1	230	32.1						
110							41.5	225	30.2						
115							35.2	218	28.5						
120							27.5	210	26.9						
123										57.0	228	18.9			
125										55.8	227	18.6			
130										51.0	223	17.6			
135										45.7	219	16.7			
140										40.0	213	15.8			
145										33.4	206	15.0			
150										25.2	196	14.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 85 ft luffing jib 171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	109.9												
50	69.3	261	103.7												
51				75.0	263	94.4									
55	65.6	259	93.2	72.2	262	86.9									
60	61.8	256	84.5	68.7	260	78.8									
65	57.9	253	76.2	65.0	258	71.5									
70	53.7	250	69.3	61.1	255	65.0									
75	49.4	246	63.5	57.2	252	59.5									
80	44.7	241	58.5	53.0	248	54.8									
85	39.5	235	54.2	48.6	244	50.8									
86							67.0	254	40.9						
90	33.7	228	50.4	43.8	239	47.2	64.2	253	38.7						
95	26.7	219	47.0	38.5	233	44.0	60.4	250	36.1						
100	19.7	209	27.5	32.5	225	41.2	56.3	246	33.8						
105				25.3	216	38.7	53.1	244	31.8						
110							48.7	239	29.9						
115							44.0	234	28.2						
120							38.7	228	26.6						
125							32.7	221	25.1						
128										57.0	237	17.3			
130							25.5	211	23.8	56.2	236	17.1			
135										52.0	232	16.2			
140										47.5	228	15.4			
145										42.6	222	14.6			
150										37.2	216	13.8			
155										31.0	208	13.1			
160										23.3	198	12.4			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>95 ft luffing jib</b> <b>171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	96.3												
54				75.0	273	88.5									
55	68.3	270	92.4	74.1	272	86.1									
60	65.0	267	83.8	71.0	271	78.0									
65	61.6	265	76.1	67.7	269	71.3									
70	58.0	262	69.2	64.4	266	64.8									
75	54.4	258	63.4	61.0	263	59.4									
80	50.5	254	58.4	57.4	260	54.7									
85	46.4	250	54.1	53.7	257	50.6									
90	42.0	244	50.3	49.8	253	47.1									
90							67.0	263	38.4						
95	37.1	238	46.9	45.6	248	43.9	63.7	261	35.9						
100	31.6	230	43.9	41.1	242	41.1	60.3	258	33.5						
105	24.9	220	41.2	36.2	236	38.6	57.5	256	31.5						
110				30.5	228	36.3	53.8	252	29.7						
115				23.6	217	34.2	49.9	248	28.0						
120							45.8	243	26.4						
125							41.3	238	25.0						
130							36.4	231	23.7						
133										57.0	245	16.1			
135										56.6	244	16.0			
140							30.7	223	22.4	52.8	241	15.1			
145							23.8	213	21.3	52.8	241	15.1			
145										48.9	236	14.3			
150										44.6	232	13.6			
155										40.1	226	12.9			
160										35.0	219	12.3			
165										29.1	211	11.6			
170										21.7	199	11.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	85.7												
56				75.0	282	82.9									
60	67.5	278	82.8	72.8	281	77.0									
65	64.5	276	75.7	69.9	279	70.4									
70	61.4	273	69.0	67.0	277	64.5									
75	58.2	270	63.1	63.9	275	59.0									
80	54.9	267	58.2	60.8	272	54.4									
85	51.4	263	53.8	57.6	269	50.3									
90	47.7	258	50.1	54.3	265	46.8									
94							67.0	272	35.9						
95	43.9	253	46.7	50.8	261	43.6	66.4	272	35.4						
100	39.7	248	43.8	47.1	257	40.8	63.3	269	33.1						
105	35.0	241	41.1	43.2	252	38.3	60.9	267	31.1						
110	29.8	232	38.7	38.9	246	36.1	57.7	264	29.2						
115	23.4	222	36.5	34.2	239	34.0	54.4	261	27.6						
120				30.1	232	27.2	50.9	257	26.0						
125				23.8	222	25.1	47.2	252	24.6						
130							43.3	247	23.3						
135							39.0	241	22.1						
139										57.0	253	14.7			
140							34.3	234	21.0	56.9	253	14.6			
145							29.0	226	20.0	53.5	249	13.9			
150							22.4	215	19.0	49.9	245	13.1			
155										46.2	240	12.5			
160										42.2	235	11.8			
165										37.9	229	11.2			
170										33.0	222	10.7			
175										27.4	213	10.1			
180										20.3	201	9.6			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>171</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 115 ft luffing jib 171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	77.9									
60	69.5	289	76.6	74.3	291	76.0									
65	66.8	287	74.7	71.7	290	69.4									
70	64.0	284	68.7	69.1	288	63.8									
75	61.2	282	62.9	66.3	286	58.7									
80	58.3	279	57.9	63.6	283	54.0									
85	55.3	275	53.6	60.7	280	50.0									
90	52.1	272	49.8	57.8	277	46.4									
95	48.8	267	46.5	54.7	274	43.3									
98							67.0	282	33.6						
100	45.4	262	43.5	51.6	270	40.5	66.4	281	32.7						
105	41.7	257	40.9	48.3	266	38.0	63.6	279	30.7						
110	37.7	251	38.5	44.8	261	35.8	60.8	276	28.8						
115	33.3	243	36.3	41.0	255	33.8	57.9	273	27.1						
120	28.2	235	34.3	37.9	250	27.4	54.8	269	25.6						
125	23.7	226	21.0	33.5	243	26.0	51.7	265	24.2						
130				28.5	234	24.3	48.4	261	22.9						
135				22.5	223	22.6	44.9	256	21.7						
140							41.1	251	20.7						
144										57.0	261	13.5			
145							37.1	244	19.6	57.0	261	13.4			
150							32.6	237	18.7	54.0	258	12.7			
155							27.4	228	17.8	50.8	254	12.0			
160							21.1	216	16.9	47.5	249	11.4			
165										43.9	244	10.8			
170										40.1	239	10.3			
175										36.0	232	9.7			
180										31.3	224	9.2			
185										25.9	214	8.7			
190										19.1	202	8.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 125 ft luffing jib 171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	71.3									
65	68.8	298	67.6	73.2	300	68.7									
70	66.2	295	65.9	70.8	298	63.2									
75	63.7	293	61.1	68.3	296	58.4									
80	61.1	290	57.7	65.8	294	53.8									
85	58.4	287	53.4	63.2	292	49.7									
90	55.6	284	49.6	60.6	289	46.2									
95	52.7	280	46.3	57.9	286	43.1									
100	49.8	276	43.3	55.1	282	40.3									
102							67.0	291	31.3						
105	46.6	271	40.7	52.2	279	37.8	65.9	290	30.4						
110	43.3	266	38.3	49.2	274	35.6	63.3	287	28.5						
115	39.8	260	36.1	46.1	270	33.6	60.7	284	26.9						
120	35.9	254	34.2	43.5	266	27.5	58.0	281	25.3						
125	32.7	248	21.2	40.0	260	25.7	55.2	278	24.0						
130	28.1	239	19.9	36.2	253	24.3	52.3	274	22.7						
135	22.5	228	18.7	32.0	245	23.0	49.3	270	21.5						
140				27.2	236	21.7	46.2	265	20.4						
145				21.3	225	20.3	42.8	260	19.4						
149										57.0	270	12.4			
150							39.3	254	18.5	57.0	270	12.3			
155							35.4	247	17.6	54.5	266	11.7			
160							31.1	239	16.7	51.6	263	11.1			
165							26.1	230	15.9	48.5	258	10.5			
170							20.0	217	15.2	45.3	253	10.0			
175										41.9	248	9.5			
180										38.3	242	9.0			
185										34.3	235	8.5			
190										29.8	226	8.1			
195										24.6	216	7.6			
200										18.0	203	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 135 ft luffing jib 171 [ft] (2220), 135 [ft] (1311)</b>															
48	78.0	313	61.9												
50	77.1	313	61.9												
55	74.9	311	61.1												
60	72.6	310	60.0												
64				75.0	311	61.2									
65	70.4	308	58.9	74.5	310	61.2									
70	68.1	306	57.7	72.2	309	61.0									
75	65.8	304	56.1	70.0	307	57.6									
80	63.4	301	54.7	67.7	305	53.4									
85	61.0	299	53.1	65.3	303	49.4									
90	58.5	296	49.3	63.0	300	45.9									
95	55.9	292	46.0	60.5	297	42.8									
100	53.3	289	43.0	58.0	294	40.0									
105	50.5	285	40.4	55.4	291	37.5									
106							67.0	300	29.3						
110	47.7	280	38.0	52.8	287	35.3	65.4	298	28.1						
115	44.7	275	35.9	50.0	283	33.3	63.0	296	26.4						
120	41.5	270	33.9	47.8	280	28.5	60.6	293	24.9						
125	38.9	265	21.3	44.8	275	26.4	58.1	290	23.5						
130	35.3	258	20.0	41.7	269	24.5	55.5	286	22.3						
135	31.3	250	19.0	38.3	263	22.8	52.9	283	21.1						
140	26.8	241	18.1	34.6	256	21.4	50.1	278	20.0						
145	21.4	229	17.1	30.6	248	20.4	47.2	274	19.0						
150				25.9	238	19.3	44.2	269	18.1						
155										57.0	278	11.1			
155				20.3	226	18.3	41.0	263	17.2	57.0	278	11.0			
160							37.6	257	16.4	54.8	275	10.5			
165							33.9	250	15.6	52.2	271	10.0			
170							29.7	241	14.9	49.4	267	9.4			
175							24.9	231	14.2	46.5	262	9.0			
180							19.0	218	13.5	43.4	257	8.5			
185										40.1	251	8.1			
190										36.6	245	7.7			
195										32.8	237	7.3			
200										28.5	229	6.9			
205										23.5	218	6.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>144 ft luffing jib</b> <b>171 [ft] (2220), 144 [ft] (1311)</b>															
50	78.0	323	54.8												
50	78.0	323	54.8												
55	75.9	322	54.5												
60	73.9	320	53.8												
65	71.8	319	52.8												
66				75.0	320	54.2									
70	69.7	317	51.9	73.5	319	54.1									
75	67.5	315	50.7	71.4	317	53.9									
80	65.3	312	49.4	69.3	316	52.6									
85	63.1	310	48.4	67.1	313	49.0									
90	60.9	307	47.4	65.0	311	45.5									
95	58.5	304	45.7	62.7	309	42.4									
100	56.2	301	42.8	60.5	306	39.6									
105	53.7	297	40.1	58.1	303	37.2									
109							67.0	309	27.8						
110	51.2	293	37.7	55.7	299	34.9	67.0	309	27.5						
115	48.5	289	35.6	53.8	297	28.9	65.0	307	26.0						
120	45.8	284	33.6	51.3	293	28.0	62.8	304	24.5						
125	43.6	280	21.3	48.7	288	26.1	60.5	301	23.1						
130	40.6	274	20.0	46.0	284	24.3	58.2	298	21.9						
135	37.4	268	18.8	43.1	278	22.6	55.8	295	20.7						
140	33.9	261	17.8	40.0	273	21.1	53.3	291	19.6						
145	30.1	253	17.1	36.8	266	19.7	50.8	287	18.6						
150	25.7	243	16.3	33.3	259	18.8	48.2	283	17.7						
155	20.4	231	15.5	29.3	250	18.0	45.4	278	16.8						
160				24.8	240	17.1	42.5	273	16.0						
160										57.0	286	9.7			
165															
170				19.4	227	16.3	39.4	267	15.3	55.2	283	9.3			
170							36.1	260	14.5	52.7	280	8.8			
175							32.5	252	13.9	50.1	276	8.3			
180							28.5	244	13.2	47.4	271	7.9			
185							23.8	233	12.6	44.7	266	7.4			
190							18.1	219	12.0	41.7	261	7.0			
195										38.6	255	6.7			
200										35.2	248	6.3			
205										31.5	240	6.0			
210										27.3	231	5.6			
215										22.5	219	5.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 154 ft luffing jib 171 [ft] (2220), 154 [ft] (1311)</b>															
52	78.0	333	49.2												
55	76.8	332	49.1												
60	74.9	331	48.5												
65	73.0	329	47.8												
69				75.0	330	48.5									
70	71.0	327	47.0	74.6	329	48.5									
75	69.0	325	46.3	72.6	328	48.4									
80	67.0	323	45.1	70.7	326	48.0									
85	65.0	321	44.1	68.7	324	47.3									
90	62.9	318	43.2	66.7	322	45.3									
95	60.8	316	42.4	64.6	320	42.2									
100	58.6	313	41.0	62.5	317	39.4									
105	56.4	309	39.9	60.4	314	36.9									
110	54.1	306	37.5	58.2	311	34.7									
113							67.0	318	25.9						
115	51.7	302	35.4	56.5	309	29.5	66.7	317	25.7						
120	49.3	298	33.4	54.2	305	28.2	64.7	315	24.2						
125	47.4	294	22.3	51.9	301	27.1	62.6	313	22.8						
130	44.7	289	20.9	49.4	297	25.6	60.5	310	21.6						
135	42.0	284	19.6	46.9	292	23.9	58.3	307	20.4						
140	39.1	278	18.4	44.3	287	22.4	56.0	303	19.3						
145	36.0	271	17.3	41.5	282	21.0	53.8	300	18.4						
150	32.6	264	16.6	38.6	276	19.7	51.4	296	17.4						
155	28.9	255	15.9	35.4	269	18.6	48.9	292	16.6						
160	24.7	245	15.2	32.0	261	17.8	46.4	287	15.8						
165	19.5	232	14.4	28.2	252	17.0	43.7	282	15.0						
165										57.0	294	8.7			
170										55.5	292	8.4			
175				23.9	242	16.1	40.9	276	14.3	53.1	288	7.9			
180				18.5	228	15.3	38.0	270	13.6	50.8	284	7.4			
185							34.8	263	13.0	48.3	280	7.0			
190							31.3	255	12.4	45.7	275	6.6			
195							27.4	246	11.8	43.0	270	6.3			
200							22.9	235	11.3	40.2	264	5.9			
205							17.2	220	10.7	37.1	258	5.5			
210										33.9	250	5.2			
215										30.3	242	4.9			
220										26.3	233	4.6			
225										21.5	221	4.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 164 ft luffing jib 171 [ft] (2220), 164 [ft] (1311)</b>															
54	78.0	342	43.6												
55	77.6	342	43.6												
60	75.9	341	43.3												
65	74.0	339	42.7												
70	72.2	338	42.0												
72				75.0	339	42.9									
75	70.4	336	41.3	73.7	338	42.8									
80	68.5	334	40.6	71.9	337	42.7									
85	66.6	332	39.7	70.0	335	42.2									
90	64.6	330	38.8	68.1	333	41.7									
95	62.7	327	38.1	66.2	331	41.0									
100	60.7	324	37.4	64.3	328	39.0									
105	58.6	321	36.3	62.3	326	36.6									
110	56.6	318	35.3	60.3	323	34.4									
115	54.4	314	34.4	58.8	320	30.7									
117							67.0	327	24.1						
120	52.2	311	33.1	56.7	317	29.0	66.3	326	23.6						
125	50.5	307	23.2	54.6	314	27.5	64.4	324	22.3						
130	48.2	303	21.8	52.4	310	26.3	62.4	321	21.2						
135	45.7	298	20.4	50.1	306	25.0	60.4	318	20.0						
140	43.2	293	19.1	47.7	301	23.5	58.4	315	18.9						
145	40.6	287	18.0	45.3	296	22.1	56.3	312	17.9						
150	37.7	281	16.9	42.8	291	20.8	54.1	308	17.0						
155	34.7	274	16.0	40.1	285	19.6	51.9	304	16.2						
160	31.5	266	15.4	37.2	279	18.5	49.6	300	15.4						
165	27.9	257	14.7	34.2	272	17.6	47.3	296	14.6						
170	23.7	246	14.1	30.9	264	16.8	44.8	291	13.9						
171										57.0	303	7.5			
175	18.7	233	13.4	27.2	254	16.0	42.2	285	13.3	55.7	301	7.3			
180				22.9	243	15.2	39.5	279	12.6	53.5	297	6.8			
185				17.7	229	14.4	36.6	273	12.0	51.3	293	6.4			
190							33.5	266	11.5	49.0	289	6.0			
195							30.2	257	10.9	46.6	284	5.6			
200							26.4	248	10.4	44.1	279	5.3			
205							22.0	236	9.9	41.5	273	5.0			
210										38.8	267	4.6			
215										35.9	261	4.3			
220										32.7	253	4.0			
225										29.2	244	3.8			
230										25.3	234	3.5			
235										20.7	222	3.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 174 ft luffing jib 171 [ft] (2220), 174 [ft] (1311)</b>															
56	78.0	352	39.2												
60	76.7	351	39.1												
65	75.0	350	38.7												
70	73.2	348	38.2												
74				75.0	349	38.5									
75	71.5	346	37.6	74.7	348	38.5									
80	69.8	345	37.0	72.9	347	38.4									
85	68.0	343	36.4	71.2	345	38.2									
90	66.2	340	35.6	69.4	343	37.8									
95	64.4	338	34.9	67.7	341	37.5									
100	62.5	335	34.4	65.9	339	36.9									
105	60.6	333	33.7	64.0	337	36.2									
110	59.1	330	29.3	62.2	334	34.0									
115	57.2	327	27.3	60.7	332	32.1									
120	55.2	324	25.4	58.8	329	30.3									
121							67.0	336	22.4						
125	53.1	320	23.8	56.8	326	28.6	65.9	335	21.7						
130	51.0	316	22.4	54.8	322	27.1	64.1	332	20.5						
135	48.9	312	21.0	52.8	318	25.7	62.2	330	19.4						
140	46.6	307	19.6	50.7	314	24.4	60.3	327	18.4						
145	44.3	302	18.4	48.5	310	23.2	58.4	324	17.5						
150	41.8	297	17.2	46.2	305	21.7	56.4	320	16.6						
155	39.2	291	16.1	43.8	300	20.3	54.4	317	15.8						
160	36.5	284	15.1	41.4	295	18.9	52.4	313	15.0						
165	33.6	277	14.5	38.8	289	17.7	50.2	309	14.2						
170	30.4	268	14.0	36.0	282	16.6	48.0	304	13.5						
175	26.9	259	13.5	33.1	274	15.9	45.7	300	12.9						
176										57.0	311	6.4			
180	22.9	248	13.1	29.8	266	15.3	43.4	294	12.3	55.9	309	6.2			
185	18.0	234	12.6	26.3	256	14.7	40.9	289	11.7	53.9	305	5.8			
190				22.1	245	14.1	38.2	283	11.1	51.8	302	5.4			
195							35.4	276	10.6	49.7	297	5.0			
200							32.4	268	10.1	47.4	293	4.7			
205							29.2	259	9.6	45.1	288	4.4			
210							25.5	249	9.1	42.7	283	4.0			
215							21.2	237	8.7	40.2	277	3.7			
220										37.5	270	3.5			
225										34.7	263	3.2			
230										31.6	256	2.9			
235										28.2	247	2.7			
240										24.4	236	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 184 ft luffing jib 171 [ft] (2220), 184 [ft] (1311)</b>															
58	78.0	361	34.8												
60	77.4	361	34.8												
65	75.8	360	34.5												
70	74.2	358	34.2												
75	72.5	357	33.8												
77				75.0	358	34.2									
80	70.9	355	33.2	73.9	357	34.2									
85	69.6	354	31.5	72.3	356	34.1									
90	67.9	352	30.9	70.6	354	33.8									
95	66.2	349	30.1	68.9	352	33.6									
100	64.5	347	29.4	67.2	350	33.3									
105	62.8	345	28.9	65.9	348	30.4									
110	61.0	342	28.0	64.2	346	29.8									
115	59.2	339	26.4	62.4	343	29.4									
120	57.3	336	24.9	60.7	340	28.7									
125							67.0	345	21.2						
125	55.4	332	23.6	58.8	337	27.7	67.0	345	21.0						
130	53.5	329	22.4	57.0	334	26.8	65.6	343	20.0						
135	51.5	325	21.4	55.1	331	25.4	63.9	341	19.0						
140	49.5	320	20.2	53.2	327	24.1	62.1	338	18.0						
145	47.4	316	18.9	51.2	323	22.9	60.3	335	17.0						
150	45.2	311	17.6	49.1	319	21.8	58.5	332	16.2						
155	42.9	306	16.4	47.0	314	20.7	56.6	329	15.3						
160	40.5	300	15.3	44.8	309	19.8	54.7	325	14.6						
165	38.0	294	14.3	42.5	304	18.4	52.8	322	13.9						
170	35.4	287	13.4	40.1	298	17.0	50.8	318	13.2						
175	32.5	279	13.0	37.6	292	15.8	48.7	313	12.6						
180	29.5	271	12.7	34.9	285	14.9	46.6	309	12.0						
182										57.0	319	5.5			
185	26.0	261	12.4	32.0	277	14.4	44.3	304	11.4	56.1	318	5.3			
190	22.1	249	12.1	28.9	268	14.0	42.0	298	10.8	54.2	314	5.0			
195	17.3	235	11.8	25.4	258	13.5	39.6	292	10.3	52.2	310	4.6			
200				21.4	246	13.1	37.1	286	9.8	50.2	306	4.3			
205							34.3	279	9.3	48.1	302	3.9			
210							31.4	271	8.9	46.0	297	3.6			
215							28.2	262	8.4	43.7	292	3.3			
220							24.6	251	8.0	41.4	286	3.0			
225							20.4	239	7.6	39.0	280	2.8			
230										36.4	273	2.5			
235										33.6	266	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 194 ft luffing jib 171 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	371	29.0												
65	76.9	370	28.9												
70	75.4	369	28.8												
75	73.8	367	28.6												
79				75.0	368	30.3									
80	72.3	366	28.4	75.0	368	28.5									
85	70.7	364	28.1	73.5	366	28.5									
90	69.1	362	27.8	72.0	365	28.4									
95	67.5	360	27.3	70.4	363	28.1									
100	65.9	358	26.8	68.8	361	27.9									
105	64.3	356	26.3	67.2	359	27.5									
110	62.6	353	25.9	65.6	357	27.0									
115	60.9	350	25.3	64.0	354	26.6									
120	59.2	347	24.0	62.3	352	26.2									
125	57.4	344	22.9	60.6	349	25.7									
129							67.0	354	19.4						
130	55.6	341	21.9	58.9	346	24.8	66.9	354	19.4						
135	53.8	337	21.0	57.1	343	24.1	65.3	352	18.3						
140	51.9	333	20.2	55.3	339	23.4	63.6	349	17.3						
145	50.0	329	19.4	53.5	336	22.6	62.0	346	16.4						
150	48.0	325	18.5	51.6	332	21.5	60.3	344	15.5						
155	46.0	320	17.6	49.7	327	20.4	58.5	341	14.7						
160	43.9	315	16.7	47.7	323	19.4	56.8	337	14.0						
165	41.7	309	15.9	45.6	318	18.5	55.0	334	13.3						
170	39.4	303	15.2	43.5	313	17.7	53.1	330	12.6						
175	36.9	297	14.5	41.3	307	16.9	51.2	326	12.0						
180	34.3	290	13.9	38.9	301	16.1	49.3	322	11.4						
185	31.6	282	13.4	36.5	295	15.4	47.3	317	10.9						
187										57.0	327	4.5			
190	28.6	273	13.0	33.9	287	14.7	45.2	312	10.3	56.3	326	4.3			
195	25.2	263	12.5	31.1	279	14.1	43.1	307	9.8	54.5	323	4.0			
200	21.4	251	12.0	28.0	270	13.4	40.8	302	9.3	52.6	319	3.6			
205				24.6	260	12.9	38.5	295	8.9	50.7	315	3.3			
210				20.6	248	12.3	36.0	289	8.5	48.8	310	3.0			
215							33.3	281	8.1	46.7	306	2.7			
220							30.5	273	7.7	44.7	301	2.5			
225							27.4	264	7.3						
230							23.9	253	6.9						
235							19.8	240	6.5						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 203 ft luffing jib 171 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	381	25.4												
65	77.5	380	25.4												
70	76.1	379	25.2												
75	74.6	378	25.1												
80	73.1	376	24.9												
82				75.0	377	24.9									
85	71.7	375	24.7	74.4	377	24.8									
90	70.2	373	24.4	72.9	375	24.8									
95	68.7	371	24.2	71.4	373	24.7									
100	67.1	369	23.9	69.9	372	24.4									
105	65.6	367	23.5	68.4	370	24.3									
110	64.0	364	23.3	66.9	368	24.0									
115	62.4	362	23.0	65.3	365	23.7									
120	60.8	359	22.5	63.8	363	23.4									
125	59.2	356	21.7	62.2	360	23.2									
130	57.5	353	20.9	60.5	357	22.7									
132							67.0	363	18.0						
135	55.8	349	20.2	58.9	354	22.0	66.6	362	17.7						
140	54.1	346	19.5	57.2	351	21.3	65.0	360	16.7						
145	52.3	342	18.9	55.5	348	20.7	63.4	358	15.8						
150	50.5	338	18.4	53.8	344	20.2	61.8	355	14.9						
155	48.6	333	17.8	52.0	340	19.7	60.2	352	14.1						
160	46.7	329	17.3	50.2	336	19.1	58.6	349	13.4						
165	44.7	324	16.7	48.3	332	18.2	56.9	346	12.7						
170	42.7	318	16.2	46.4	327	17.4	55.2	342	12.0						
175	40.5	313	15.7	44.4	322	16.5	53.4	339	11.4						
180	38.3	306	15.3	42.3	317	15.8	51.6	335	10.8						
185	35.9	300	14.9	40.1	311	15.1	49.8	331	10.3						
190	33.4	292	14.4	37.9	304	14.4	47.9	326	9.8						
192										57.0	336	3.5			
195	30.7	284	13.8	35.5	298	13.8	46.0	321	9.3	56.5	335	3.4			
200	27.7	275	13.1	32.9	290	13.1	44.0	316	8.8	54.7	331	3.0			
205	24.5	264	12.5	30.2	282	12.6	41.9	311	8.3	53.0	327	2.7			
210	20.7	252	11.9	27.2	272	12.0	39.7	305	7.9	51.2	323	2.4			
215				23.9	262	11.5	37.4	298	7.5						
220				20.0	249	11.0	35.0	291	7.1						
225							32.4	284	6.8						
230							29.6	275	6.4						
235							26.6	266	6.1						
240							23.1	255	5.7						
245							19.1	241	5.4						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 66 ft luffing jib 181 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	256	126.6												
35	77.3	256	126.6												
40	72.8	254	126.3												
45	68.1	252	117.7												
47				75.0	254	103.7									
50	63.2	250	104.6	72.4	253	97.2									
55	58.1	247	94.0	67.7	251	87.3									
60	52.7	243	84.7	62.8	248	79.1									
65	46.8	238	76.4	57.7	245	71.5									
70	40.2	233	69.4	52.3	242	65.0									
75	32.5	225	63.6	46.3	237	59.5									
80	22.3	215	58.5	39.7	231	54.8									
81							67.0	246	44.0						
85				31.9	224	50.7	63.2	244	41.4						
90				21.4	213	47.1	58.1	241	38.5						
95							52.6	237	35.9						
100							46.8	232	33.6						
105							41.8	228	31.6						
110							34.4	221	29.7						
115							25.0	212	27.9						
121										57.0	229	18.3			
125										54.3	227	17.8			
130										48.6	223	16.8			
135										42.2	218	15.9			
140										34.9	211	15.1			
145										25.7	202	14.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft luffing jib 181 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	265	117.1												
40	75.1	264	116.1												
45	71.1	263	113.6												
50				75.0	263	96.5									
50	67.0	261	103.4	74.8	263	95.9									
55	62.7	258	92.9	70.8	262	86.2									
60	58.3	255	84.3	66.7	260	78.1									
65	53.6	251	76.2	62.4	257	71.2									
70	48.6	247	69.3	58.0	254	64.7									
75	43.2	242	63.5	53.3	250	59.3									
80	37.1	236	58.5	48.2	246	54.6									
85							67.0	255	41.0						
85	29.9	228	54.1	42.8	241	50.6	67.0	255	40.9						
90	20.3	216	50.2	36.6	234	47.0	62.7	252	38.0						
95				29.3	226	43.8	58.3	249	35.5						
100				22.1	218	31.1	53.6	246	33.2						
105							49.8	242	31.2						
110							44.5	237	29.4						
115							38.5	231	27.7						
120							31.7	224	26.1						
125							22.9	213	24.6						
127										57.0	237	16.8			
130										55.0	236	16.4			
135										50.1	232	15.5			
140										44.8	227	14.7			
145										38.9	221	13.9			
150										32.1	213	13.1			
155										23.5	203	12.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 85 ft luffing jib 181 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	275	106.3												
40	76.8	275	106.3												
45	73.4	273	104.7												
50	69.8	271	101.8												
52				75.0	273	90.0									
55	66.1	269	91.8	73.1	272	85.1									
60	62.3	267	83.3	69.5	270	77.1									
65	58.4	264	76.0	65.9	268	70.5									
70	54.3	260	69.1	62.1	265	64.4									
75	50.0	256	63.3	58.1	262	59.0									
80	45.3	251	58.3	54.0	259	54.3									
85	40.2	245	54.0	49.7	255	50.3									
89							67.0	264	38.2						
90	34.5	239	50.2	45.0	250	46.8	66.1	263	37.6						
95	27.7	230	46.8	39.9	244	43.6	62.3	261	35.0						
100	21.1	221	27.0	34.1	237	40.8	59.3	258	32.8						
105				27.2	228	38.3	55.3	255	30.8						
110				20.4	219	27.8	51.0	251	29.0						
115							46.4	246	27.3						
120							41.5	241	25.8						
125							35.9	234	24.4						
130							29.4	226	23.1						
132										57.0	245	15.3			
135										55.5	244	15.0			
140										51.3	240	14.2			
145										46.7	236	13.4			
150										41.8	230	12.7			
155										36.3	224	12.1			
160										29.9	216	11.4			
165										21.7	205	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 95 ft luffing jib 181 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	285	94.8												
45	75.1	283	94.0												
50	72.0	282	92.0												
55				75.0	282	84.5									
55	68.7	280	89.9	74.9	282	84.3									
60	65.4	278	82.6	71.7	281	76.4									
65	62.0	275	75.5	68.5	279	69.8									
70	58.5	272	69.0	65.2	277	64.2									
75	54.9	269	63.2	61.8	274	58.8									
80	51.0	265	58.2	58.3	271	54.2									
85	47.0	260	53.9	54.6	267	50.1									
90	42.6	255	50.1	50.8	263	46.6									
93							67.0	273	35.9						
95	37.8	249	46.8	46.7	259	43.5	65.4	272	34.8						
100	32.4	241	43.8	42.3	253	40.7	62.8	270	32.6						
105	25.9	232	41.1	37.4	247	38.2	59.4	267	30.6						
110	19.6	222	23.6	32.0	240	36.0	55.7	264	28.7						
115				25.4	230	33.9	51.9	260	27.1						
120				18.9	220	25.1	47.9	255	25.6						
125							43.6	250	24.2						
130							38.9	244	22.9						
135							33.7	237	21.7						
137										57.0	254	14.1			
140							27.5	228	20.6	56.0	253	13.9			
145										52.2	249	13.2			
150										48.2	245	12.5			
155										43.9	240	11.8			
160										39.2	234	11.2			
165										34.0	227	10.7			
170										28.0	218	10.1			
175										20.2	206	9.5			



## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>181</b>
<b>counterweight [1000 lbs]:</b>	<b>121.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 105 ft luffing jib 181 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	294	85.7												
45	76.6	294	85.7												
50	73.7	292	84.1												
55	70.8	290	82.2												
57				75.0	292	79.3									
60	67.9	288	80.3	73.5	291	75.4									
65	64.9	286	74.6	70.6	289	68.9									
70	61.8	284	68.7	67.7	287	63.3									
75	58.6	281	62.9	64.7	285	58.5									
80	55.3	277	57.9	61.6	282	53.8									
85	51.9	273	53.6	58.4	279	49.8									
90	48.3	269	49.9	55.1	276	46.3									
95	44.4	264	46.6	51.6	272	43.2									
97							67.0	282	33.6						
100	40.3	258	43.6	48.0	268	40.4	65.6	281	32.1						
105	35.7	252	40.9	44.1	263	38.0	62.5	278	30.1						
110	30.5	244	38.5	40.0	257	35.7	59.4	275	28.3						
115	24.4	233	36.3	35.4	250	33.7	56.1	272	26.7						
120	18.3	223	20.7	31.4	244	25.9	52.7	268	25.2						
125				25.5	234	24.3	49.1	264	23.8						
130				17.6	221	22.6	45.3	259	22.6						
135							41.2	254	21.4						
140							36.8	247	20.3						
143										57.0	262	12.8			
145							31.8	240	19.3	56.3	261	12.6			
150							25.9	230	18.3	52.9	258	12.0			
155										49.3	253	11.4			
160										45.6	249	10.8			
165										41.5	243	10.2			
170										37.1	237	9.7			
175										32.1	229	9.2			
180										26.3	220	8.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 115 ft luffing jib 181 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	304	76.6												
45	77.7	304	76.6												
50	75.2	302	75.6												
55	72.5	301	74.3												
60				75.0	301	74.5									
60	69.9	299	72.8	75.0	301	74.4									
65	67.2	297	71.1	72.4	300	67.9									
70	64.4	295	67.8	69.7	298	62.5									
75	61.6	292	62.6	67.0	296	57.7									
80	58.7	289	57.7	64.2	294	53.5									
85	55.7	286	53.4	61.4	291	49.5									
90	52.6	282	49.6	58.5	288	46.0									
95	49.3	278	46.3	55.5	284	42.9									
100	45.9	273	43.3	52.3	281	40.1									
100							67.0	291	31.1						
105	42.2	268	40.7	49.1	276	37.7	65.1	289	29.7						
110	38.3	261	38.3	45.6	272	35.4	62.3	287	27.9						
115	33.9	254	36.1	41.9	266	33.4	59.4	284	26.2						
120	29.0	246	34.2	38.9	262	26.1	56.4	281	24.8						
125	24.5	238	19.9	34.6	255	24.6	53.3	277	23.4						
130				29.8	246	23.2	50.1	273	22.2						
135				24.1	236	21.7	46.7	268	21.0						
140							43.1	263	19.9						
145							39.2	257	18.9						
148										57.0	270	11.4			
150							34.9	250	18.0	56.6	270	11.3			
155							30.2	242	17.1	53.5	266	10.7			
160							24.5	232	16.3	50.3	262	10.2			
165										46.9	257	9.6			
170										43.3	252	9.2			
175										39.4	246	8.7			
180										35.2	240	8.3			
185										30.5	232	7.8			
190										24.9	222	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 181  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 125 ft luffing jib 181 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	314	69.2												
50	76.4	313	69.2												
55	74.0	311	67.7												
60	71.5	310	66.4												
63				75.0	311	68.6									
65	69.1	308	62.6	73.8	310	67.3									
70	66.6	306	60.7	71.4	309	61.8									
75	64.0	303	59.0	68.9	307	57.1									
80	61.4	300	57.5	66.4	304	53.1									
85	58.8	297	53.2	63.9	302	49.2									
90	56.0	294	49.4	61.2	299	45.7									
95	53.1	290	46.1	58.6	296	42.7									
100	50.2	286	43.2	55.8	293	39.9									
104							67.0	300	29.6						
105	47.1	282	40.5	52.9	289	37.5	67.0	300	29.3						
110	43.8	277	38.1	50.0	285	35.2	64.6	298	27.6						
115	40.3	271	36.0	46.8	281	33.2	62.0	295	26.0						
120	36.5	264	34.0	44.3	277	27.3	59.4	292	24.5						
125	33.3	259	20.4	40.9	271	25.4	56.6	289	23.1						
130	28.7	250	19.2	37.1	265	23.7	53.8	285	21.9						
135	23.3	239	18.0	33.0	257	22.3	50.9	281	20.8						
140				28.4	248	20.9	47.8	277	19.7						
145				22.9	238	19.5	44.5	272	18.7						
150							41.1	266	17.8						
154										57.0	279	10.3			
155							37.4	260	16.9	56.8	278	10.3			
160							33.3	253	16.1	54.0	275	9.7			
165							28.7	244	15.4	51.1	271	9.2			
170							23.3	233	14.6	48.0	266	8.7			
175										44.8	261	8.3			
180										41.3	256	7.9			
185										37.6	250	7.4			
190										33.6	242	7.1			
195										29.0	234	6.7			
200										23.7	223	6.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 121.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 135 ft luffing jib 181 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	323	59.1												
50	77.4	323	59.1												
55	75.2	321	58.4												
60	72.9	320	57.5												
65	70.7	318	56.4	75.0	320	58.4									
70	68.4	316	55.2	72.8	319	58.2									
75	66.1	314	53.6	70.5	317	56.3									
80	63.7	312	52.3	68.2	315	52.3									
85	61.3	309	51.3	65.9	313	48.7									
90	58.8	306	49.1	63.5	311	45.4									
95	56.3	303	45.8	61.1	308	42.3									
100	53.6	299	42.9	58.6	305	39.6									
105	50.9	295	40.2	56.1	301	37.1									
108							67.0	309	27.3						
110	48.1	291	37.9	53.4	298	34.9	66.6	309	27.1						
115	45.1	286	35.7	51.3	295	30.2	64.3	306	25.5						
120	41.9	280	33.8	48.5	290	28.0	61.9	304	24.1						
125	39.4	276	20.3	45.6	286	26.0	59.4	301	22.7						
130	35.8	269	19.0	42.5	280	24.0	56.9	298	21.5						
135	31.9	261	18.0	39.1	274	22.3	54.2	294	20.4						
140	27.5	252	17.1	35.5	268	20.9	51.5	290	19.3						
145	22.2	241	16.1	31.6	260	19.8	48.7	286	18.3						
150				27.1	250	18.7	45.8	281	17.4						
155				21.8	239	17.6	42.7	276	16.6						
159										57.0	287	9.1			
160							39.4	270	15.8	57.0	287	9.1			
165							35.8	263	15.0	54.4	283	8.6			
170							31.9	255	14.3	51.7	279	8.1			
175							27.5	246	13.6	48.9	275	7.6			
180							22.2	235	13.0	46.0	270	7.2			
185										42.9	265	6.8			
190										39.6	259	6.4			
195										36.0	252	6.1			
200										32.1	245	5.7			
205										27.7	236	5.4			
210										22.6	225	5.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft luffing jib 84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	161.1												
35				75.0	158	153.9									
40	66.4	155	132.7	70.8	157	129.2									
45	61.5	152	112.6	66.0	154	109.7									
50	56.3	149	97.6	61.1	152	95.1									
55	50.7	145	86.0	55.8	148	83.8									
56							67.0	153	75.7						
60	44.6	140	76.7	50.2	144	74.8	63.2	151	69.4						
65	37.7	134	69.1	44.1	139	67.4	58.1	148	62.5						
70	29.4	126	62.8	37.1	133	61.2	52.7	144	56.8						
75	17.5	113	57.3	28.6	125	55.9	46.8	139	52.0						
80							40.2	134	47.8						
81										57.0	142	42.9			
85							32.5	126	44.2	52.1	138	40.0			
90							22.4	116	41.0	46.2	134	37.1			
95										39.5	128	34.6			
100										33.7	122	32.4			
122													37.0	108	19.5
125													34.0	105	19.1
130													24.5	95	18.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	138.9									
40	69.7	166	132.6	73.4	167	129.0									
45	65.5	164	112.5	69.4	165	109.5									
50	61.2	161	97.5	65.2	163	94.9									
55	56.7	158	85.9	60.9	160	83.6									
60	51.9	154	76.7	56.3	157	74.6	67.0	162	69.1						
65	46.8	149	69.1	51.5	153	67.2	62.7	159	62.2						
70	41.2	144	62.8	46.4	148	61.1	58.3	156	56.6						
75	34.7	137	57.4	40.7	143	55.9	53.6	152	51.7						
80	27.0	128	52.8	34.2	136	51.4	48.6	148	47.6						
85	18.9	118	33.0	26.3	127	47.5	43.2	143	44.0						
86										57.0	150	39.1			
90							37.1	137	40.9	53.2	147	36.8			
95							29.9	129	38.1	48.1	142	34.3			
100							20.4	117	35.5	44.0	139	32.1			
105										38.0	132	30.1			
110										31.0	125	28.3			
130													37.0	114	17.7
130													37.0	114	17.5
135													31.3	107	16.7
140													22.3	97	15.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	132.4												
41				75.0	177	126.3									
45	68.5	174	112.3	71.9	176	109.2									
50	64.8	172	97.4	68.2	174	94.7									
55	61.0	169	85.8	64.5	171	83.4									
60	57.0	166	76.5	60.7	169	74.4									
64							67.0	171	63.4						
65	52.8	162	68.9	56.7	165	67.0	66.1	170	61.9						
70	48.4	158	62.7	52.5	162	60.9	62.4	168	56.2						
75	43.6	153	57.3	48.1	157	55.7	58.4	165	51.4						
80	38.3	147	52.8	43.2	152	51.3	54.3	161	47.3						
85	32.3	140	48.8	37.9	146	47.4	50.0	157	43.8						
90	25.0	130	45.3	31.8	138	44.0	45.3	152	40.6						
91										57.0	158	35.7			
95	17.3	119	33.0	24.3	128	41.0	40.3	146	37.9	53.9	155	33.9			
100							34.5	140	35.4	50.6	152	31.8			
105							27.8	131	33.2	46.0	148	29.8			
110							21.2	122	31.2	41.0	142	28.0			
115										35.4	135	26.4			
120										28.8	127	24.8			
138													37.0	120	15.7
140													35.6	118	15.5
145													29.1	110	14.7
150													20.6	98	13.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      95 ft luffing jib                      84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	132.3												
43				75.0	187	115.9									
45	70.9	185	112.2	73.8	186	109.1									
50	67.6	183	97.3	70.6	184	94.5									
55	64.3	181	85.7	67.4	182	83.2									
60	60.8	178	76.4	64.0	180	74.2									
65	57.3	175	68.9	60.6	177	66.9									
68							67.0	180	58.5						
70	53.6	171	62.6	57.0	174	60.8	65.5	179	56.0						
75	49.7	167	57.3	53.3	170	55.6	62.1	176	51.3						
80	45.5	162	52.7	49.3	166	51.2	58.5	173	47.2						
85	41.0	157	48.7	45.2	161	47.4	54.9	170	43.6						
90	36.0	150	45.3	40.6	156	44.0	51.1	166	40.5						
95	30.3	142	42.2	35.6	149	41.0	47.0	161	37.7						
97										57.0	166	32.5			
100	23.3	131	39.4	29.8	141	38.3	42.6	156	35.3	55.4	165	31.6			
105				22.7	130	35.9	37.8	150	33.1	51.6	161	29.6			
110							33.7	144	31.2	47.5	156	27.8			
115							27.6	135	29.4	43.2	151	26.2			
120							19.7	123	27.7	38.5	145	24.7			
125										33.2	138	23.3			
130										26.9	129	22.1			
146													37.0	126	14.2
150													33.4	121	13.7
155													27.2	112	13.0
160													19.1	99	12.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	112.0												
46				75.0	196	106.7									
50	69.8	194	97.0	72.5	195	94.3									
55	66.9	191	85.4	69.6	193	83.0									
60	63.8	189	76.2	66.6	191	74.0									
65	60.7	186	68.6	63.6	188	66.6									
70	57.5	183	62.4	60.5	186	60.5									
72							67.0	189	54.1						
75	54.1	180	57.1	57.2	182	55.4	64.9	187	50.9						
80	50.6	176	52.5	53.9	179	51.0	61.8	185	46.8						
85	47.0	171	48.6	50.4	175	47.1	58.6	182	43.3						
90	43.0	166	45.1	46.7	170	43.8	55.3	178	40.2						
95	38.7	160	42.1	42.7	165	40.8	51.9	174	37.4						
100	34.0	153	39.3	38.4	159	38.2	48.3	170	35.0						
102										57.0	175	29.9			
105	28.6	144	36.9	33.6	152	35.8	45.3	166	32.9	55.8	173	29.2			
110	21.9	133	34.6	28.1	143	33.6	41.3	161	30.9	52.4	170	27.5			
115				23.0	134	31.7	36.8	154	29.1	48.8	165	25.8			
120							31.8	147	27.5	45.0	160	24.4			
125							26.0	137	26.0	40.9	155	23.0			
130							18.3	124	24.6	36.4	148	21.8			
135										31.3	140	20.6			
140										25.3	131	19.6			
153													37.0	132	12.7
155													36.6	131	12.6
160													31.5	123	12.0
165													25.6	113	11.4
170													17.8	100	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 115 ft luffing jib 84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	98.8									
50	71.6	204	96.8	74.1	205	94.0									
55	69.0	202	85.2	71.4	204	82.7									
60	66.2	200	76.0	68.8	202	73.7									
65	63.5	198	68.4	66.0	199	66.4									
70	60.6	195	62.1	63.2	197	60.3									
75	57.7	192	56.8	60.4	194	55.1									
75							67.0	198	50.2						
80	54.6	188	52.3	57.4	191	50.7	64.4	196	46.5						
85	51.5	184	48.3	54.4	187	46.9	61.6	193	42.9						
90	48.1	180	44.9	51.2	183	43.5	58.7	190	39.8						
95	44.6	175	41.8	47.9	179	40.6	55.7	187	37.1						
100	40.9	169	39.1	44.3	174	37.9	52.6	183	34.7						
105	36.8	163	36.7	40.6	168	35.6	50.1	180	32.6						
107										57.0	183	27.6			
110	32.3	155	34.5	36.5	162	33.4	46.7	175	30.6	56.1	182	27.1			
115	28.4	148	32.6	33.0	156	31.6	43.1	170	28.8	53.0	178	25.5			
120	22.3	137	30.7	27.9	147	29.8	39.2	164	27.2	49.8	174	24.0			
125				21.7	136	28.2	35.0	157	25.7	46.4	169	22.7			
130							30.2	149	24.4	42.7	164	21.5			
135							24.6	139	23.1	38.8	158	20.3			
140							17.2	125	21.9	34.5	151	19.3			
145										29.7	143	18.3			
150										24.0	132	17.4			
161													37.0	137	11.3
165													34.7	134	11.0
170													29.9	125	10.4
175													24.2	115	9.9
180													16.7	101	9.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	85.0	72.9	214	82.5									
60	68.2	211	75.8	70.5	212	73.5									
65	65.7	209	68.2	68.0	210	66.2									
70	63.1	206	62.0	65.5	208	60.1									
75	60.5	203	56.7	62.9	205	54.9									
79							67.0	207	46.8						
80	57.8	200	52.1	60.3	203	50.5	66.6	207	46.2						
85	55.0	197	48.2	57.6	199	46.7	64.1	204	42.7						
90	52.1	193	44.7	54.8	196	43.3	61.4	201	39.6						
95	49.1	189	41.7	51.9	192	40.4	58.8	198	36.9						
100	45.9	184	39.0	48.9	188	37.8	56.0	195	34.5						
105	42.6	179	36.6	45.7	183	35.4	53.8	192	32.4						
110	39.0	173	34.4	42.3	178	33.3	50.9	188	30.4						
113										57.0	191	25.6			
115	36.0	167	32.5	39.6	173	31.4	47.8	184	28.6	56.4	190	25.2			
120	31.8	160	30.7	35.7	166	29.7	44.6	179	27.0	53.5	187	23.8			
125	27.0	150	29.0	31.5	159	28.1	41.1	173	25.6	50.6	183	22.5			
130	21.1	139	27.4	26.6	149	26.6	37.4	167	24.2	47.5	178	21.2			
135				20.6	137	25.2	33.4	160	22.9	44.2	173	20.1			
140							28.8	151	21.8	40.8	167	19.1			
145							23.3	140	20.7	37.0	161	18.1			
150										32.9	154	17.2			
155										28.3	145	16.3			
160										22.7	134	15.5			
169													37.0	143	10.2
170													37.0	143	10.2
175													33.1	136	9.7
180													28.5	128	9.2
185													23.0	117	8.7
190													15.7	102	8.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	75.5	72.0	223	73.2									
65	67.6	219	68.0	69.7	221	65.9									
70	65.3	217	61.7	67.4	219	59.8									
75	62.9	215	56.4	65.1	216	54.6									
80	60.4	212	51.9	62.7	214	50.2									
83							67.0	216	43.6						
85	57.9	209	47.9	60.3	211	46.4	66.1	215	42.3						
90	55.4	205	44.5	57.7	208	43.1	63.7	213	39.3						
95	52.7	201	41.4	55.2	205	40.1	61.3	210	36.5						
100	49.9	197	38.7	52.5	201	37.5	58.8	207	34.1						
105	47.0	193	36.3	49.7	197	35.1	56.9	204	32.0						
110	44.0	188	34.1	47.5	193	33.0	54.3	201	30.1						
115	41.6	183	32.2	44.5	188	31.2	51.6	197	28.3						
118										57.0	199	23.6			
120	38.2	177	30.4	41.3	183	29.4	48.7	193	26.7	56.6	199	23.4			
125	34.5	170	28.8	37.9	176	27.8	45.8	188	25.2	54.0	195	22.1			
130	30.4	162	27.3	34.2	169	26.4	42.7	183	23.9	51.3	191	20.9			
135	25.8	152	25.9	30.1	161	25.0	39.4	177	22.6	48.5	187	19.7			
140	20.1	140	24.5	25.4	151	23.7	35.8	170	21.5	45.5	182	18.7			
145				19.6	138	22.5	31.9	162	20.4	42.4	177	17.8			
150							27.5	153	19.4	39.1	171	16.9			
155							22.2	142	18.5	35.5	164	16.0			
160										31.5	156	15.2			
165										27.0	147	14.5			
170										21.7	135	13.8			
177													37.0	149	9.0
180													35.6	147	8.8
185													31.7	139	8.3
190													27.2	130	7.9
195													21.9	118	7.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	67.7	71.2	231	65.6									
70	67.1	228	61.4	69.1	229	59.5									
75	64.9	226	56.1	66.9	227	54.3									
80	62.7	223	51.6	64.7	225	49.9									
85	60.4	220	47.7	62.5	222	46.1									
87							67.0	225	40.7						
90	58.0	217	44.2	60.2	220	42.8	65.6	224	38.9						
95	55.6	214	41.2	57.9	216	39.8	63.4	221	36.2						
100	53.2	210	38.5	55.5	213	37.2	61.2	218	33.8						
105	50.6	206	36.1	53.0	209	34.8	59.4	216	31.7						
110	48.0	202	33.9	51.0	206	32.8	57.1	213	29.8						
115	45.9	198	32.0	48.4	202	30.9	54.6	209	28.0						
120	43.0	193	30.2	45.6	197	29.2	52.1	206	26.4						
124										57.0	208	21.8			
125	39.9	187	28.6	42.8	192	27.6	49.5	201	24.9	56.8	207	21.7			
130	36.7	180	27.0	39.7	186	26.1	46.8	197	23.6	54.4	204	20.5			
135	33.1	173	25.7	36.4	179	24.8	44.0	192	22.3	51.9	200	19.4			
140	29.2	164	24.4	32.8	172	23.5	41.0	186	21.2	49.3	196	18.3			
145	24.7	154	23.1	28.9	163	22.3	37.8	180	20.1	46.6	191	17.4			
150	19.2	141	22.0	24.3	153	21.2	34.4	173	19.1	43.7	186	16.5			
155				18.7	139	20.2	30.6	165	18.2	40.7	180	15.7			
160							26.3	155	17.3	37.5	174	14.9			
165							21.2	143	16.5	34.0	167	14.2			
170										30.2	159	13.5			
175										25.9	149	12.8			
180										20.7	137	12.2			
185													37.0	155	7.9
185													37.0	155	7.8
190													34.2	149	7.5
195													30.4	141	7.1
200													26.1	132	6.7
205													20.9	120	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>154 ft luffing jib</b> <b>84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	55.9	68.5	238	54.1									
80	64.5	234	51.4	66.4	236	49.7									
85	62.4	232	47.4	64.4	233	45.9									
90	60.3	229	44.0	62.3	231	42.5									
91							67.0	234	38.2						
95	58.1	226	41.0	60.2	228	39.6	65.3	232	35.9						
100	55.9	222	38.3	58.0	225	37.0	63.2	230	33.5						
105	53.6	219	35.9	55.7	222	34.6	61.6	228	31.4						
110	51.2	215	33.7	54.0	219	32.6	59.4	225	29.5						
115	49.4	211	31.8	51.6	215	30.7	57.2	221	27.7						
120	46.8	207	30.0	49.2	211	29.0	54.9	218	26.1						
125	44.2	202	28.4	46.6	206	27.4	52.6	214	24.7						
129										57.0	216	20.4			
130	41.4	196	26.9	44.0	201	25.9	50.2	210	23.3	57.0	216	20.2			
135	38.5	190	25.5	41.2	195	24.6	47.7	206	22.1	54.7	212	19.1			
140	35.3	183	24.2	38.2	189	23.3	45.1	201	21.0	52.4	209	18.1			
145	31.9	175	23.0	35.1	182	22.1	42.4	195	19.9	50.0	204	17.1			
150	28.1	166	21.9	31.6	174	21.1	39.5	189	18.9	47.5	200	16.3			
155	23.7	156	20.8	27.8	165	20.1	36.4	183	18.0	44.9	195	15.4			
160	18.3	142	19.8	23.3	154	19.1	33.1	175	17.1	42.1	190	14.7			
165							29.5	167	16.3	39.2	184	13.9			
170							25.3	157	15.5	36.1	177	13.3			
175							20.3	145	14.8	32.8	169	12.6			
180										29.1	161	12.0			
185										24.9	151	11.4			
190										19.8	138	10.8			
193													37.0	161	6.9
195													36.3	160	6.8
200													32.9	152	6.4
205													29.2	143	6.0
210													25.0	133	5.7
215													20.0	121	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	49.4									
85	64.2	243	47.2	66.0	244	45.6									
90	62.3	240	43.7	64.1	242	42.2									
95							67.0	243	35.8						
95	60.3	237	40.7	62.1	239	39.3	66.8	243	35.6						
100	58.2	234	38.0	60.1	236	36.7	64.9	241	33.2						
105	56.1	231	35.6	58.1	233	34.3	63.4	239	31.1						
110	54.0	227	33.4	56.5	231	32.3	61.4	236	29.2						
115	52.3	224	31.5	54.3	227	30.4	59.4	233	27.4						
120	50.0	220	29.7	52.1	223	28.7	57.3	230	25.8						
125	47.7	216	28.1	49.8	219	27.1	55.2	227	24.3						
130	45.2	211	26.6	47.5	215	25.6	53.1	223	23.0						
134										57.0	224	18.8			
135	42.7	205	25.2	45.0	210	24.3	50.8	219	21.8	57.0	224	18.6			
140	40.0	200	23.9	42.5	205	23.0	48.5	214	20.6	55.0	221	17.7			
145	37.1	193	22.7	39.8	199	21.9	46.1	210	19.6	52.8	217	16.8			
150	34.1	186	21.6	36.9	192	20.8	43.6	205	18.6	50.6	213	15.9			
155	30.8	178	20.6	33.8	185	19.8	40.9	199	17.7	48.3	209	15.1			
160	27.1	168	19.6	30.5	177	18.9	38.2	193	16.8	45.8	204	14.3			
165	22.8	157	18.7	26.7	167	18.0	35.2	186	16.0	43.3	199	13.6			
170	17.5	143	17.8	22.4	156	17.1	32.0	178	15.2	40.7	193	12.9			
175							28.4	169	14.5	37.9	187	12.3			
180							24.4	159	13.8	34.9	180	11.7			
185							19.5	146	13.2	31.6	172	11.1			
190										28.0	163	10.5			
195										23.9	152	10.0			
200										19.0	139	9.5			
201													37.0	167	5.9
205													35.0	162	5.7
210													31.8	155	5.3
215													28.2	146	5.0
220													24.1	135	4.6
225													19.2	122	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	41.9									
95	62.1	248	40.4	63.8	250	39.0									
98							67.0	252	33.5						
100	60.2	246	37.7	62.0	248	36.4	66.9	252	32.9						
105	58.3	243	35.3	60.1	245	34.0	65.0	250	30.7						
110	56.3	239	33.1	58.6	243	32.0	63.2	247	28.8						
115	54.8	237	31.3	56.6	239	30.1	61.3	245	27.0						
120	52.7	233	29.5	54.6	236	28.4	59.4	242	25.5						
125	50.6	229	27.8	52.5	232	26.8	57.5	238	24.0						
130	48.4	224	26.3	50.4	228	25.3	55.5	235	22.7						
135	46.1	220	24.9	48.2	224	24.0	53.4	231	21.4						
140										57.0	232	17.3			
140	43.8	214	23.7	45.9	219	22.7	51.3	227	20.3	57.0	232	17.2			
145	41.3	209	22.5	43.6	214	21.6	49.2	223	19.2	55.3	229	16.4			
150	38.7	203	21.4	41.1	208	20.5	46.9	219	18.3	53.2	226	15.5			
155	35.9	196	20.3	38.5	202	19.5	44.6	214	17.4	51.1	222	14.7			
160	33.0	189	19.4	35.7	195	18.6	42.2	208	16.5	49.0	217	13.9			
165	29.7	180	18.5	32.7	188	17.7	39.6	202	15.7	46.7	213	13.2			
170	26.1	170	17.6	29.5	179	16.9	36.9	196	14.9	44.4	208	12.5			
175	22.0	159	16.8	25.8	169	16.1	34.0	188	14.2	41.9	202	11.9			
180	16.8	144	16.0	21.6	157	15.4	30.9	180	13.6	39.4	196	11.3			
185							27.4	171	12.9	36.6	190	10.8			
190							23.5	160	12.3	33.7	182	10.2			
195							18.8	147	11.7	30.6	174	9.7			
200										27.1	165	9.2			
205										23.1	154	8.7			
208													37.0	173	5.0
210													36.8	172	4.9
215													33.8	165	4.6
220													30.7	157	4.3
225													27.2	148	4.0
230													23.2	137	3.7
235													18.5	123	3.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	36.1									
102							67.0	261	31.1						
105	60.2	254	35.1	61.8	256	33.8	66.5	261	30.5						
110	58.8	252	32.5	60.5	254	31.8	64.7	258	28.5						
115	56.9	249	31.0	58.6	251	29.9	63.0	256	26.8						
120	55.0	245	29.2	56.8	248	28.1	61.2	253	25.2						
125	53.1	241	27.6	54.9	244	26.5	59.4	250	23.7						
130	51.1	237	26.1	52.9	241	25.1	57.6	247	22.4						
135	49.0	233	24.7	50.9	237	23.7	55.7	244	21.2						
140	46.9	228	23.4	48.9	232	22.5	53.8	240	20.0						
145										57.0	241	16.0			
145	44.7	224	22.3	46.8	228	21.4	51.8	236	19.0	57.0	241	15.9			
150	42.4	218	21.2	44.5	223	20.3	49.8	232	18.0	55.5	238	15.2			
155	40.0	212	20.1	42.2	217	19.3	47.7	227	17.1	53.6	234	14.4			
160	37.5	206	19.2	39.8	211	18.4	45.5	223	16.2	51.6	230	13.7			
165	34.8	199	18.3	37.3	205	17.5	43.2	217	15.5	49.6	226	12.9			
170	31.9	191	17.4	34.6	198	16.7	40.9	212	14.7	47.5	222	12.3			
175	28.8	182	16.6	31.7	190	15.9	38.4	205	14.0	45.3	217	11.6			
180	25.3	172	15.9	28.5	181	15.2	35.8	199	13.3	43.0	211	11.1			
185	21.2	160	15.1	25.0	171	14.5	33.0	191	12.7	40.6	206	10.5			
190	16.2	145	14.4	20.9	159	13.8	29.9	183	12.1	38.1	199	10.0			
195							26.5	173	11.5	35.5	193	9.5			
200							22.7	162	11.0	32.7	185	9.0			
205							18.1	148	10.4	29.6	177	8.5			
210										26.2	167	8.1			
215										22.3	155	7.6			
216													37.0	179	4.2
220													35.6	175	4.0
225													32.8	168	3.7
230													29.7	159	3.4
235													26.3	150	3.1
240													22.5	138	2.9
245													17.8	124	2.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.2						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	28.2						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	26.4						
120	57.1	257	28.0	58.7	260	27.8	62.8	264	24.8						
125	55.3	254	27.3	56.9	256	26.2	61.1	261	23.4						
130	53.4	250	25.8	55.1	253	24.8	59.4	259	22.1						
135	51.5	246	24.4	53.3	249	23.5	57.7	255	20.8						
140	49.6	242	23.2	51.4	245	22.2	55.9	252	19.7						
145	47.6	237	22.0	49.5	241	21.1	54.1	248	18.7						
150	45.6	232	20.9	47.5	237	20.0	52.2	245	17.7						
150										57.0	249	14.6			
155	43.4	227	19.9	45.4	232	19.0	50.3	241	16.8	55.7	246	14.0			
160	41.2	222	18.9	43.3	226	18.1	48.3	236	15.9	53.9	243	13.3			
165	38.9	216	18.0	41.0	221	17.2	46.3	231	15.1	52.0	239	12.6			
170	36.4	209	17.2	38.7	215	16.4	44.2	226	14.4	50.1	235	11.9			
175	33.8	202	16.4	36.2	208	15.6	42.0	221	13.7	48.1	230	11.3			
180	31.0	194	15.6	33.6	201	14.9	39.7	215	13.0	46.1	226	10.7			
185	27.9	184	14.9	30.7	192	14.2	37.3	209	12.4	44.0	221	10.1			
190	24.5	174	14.2	27.7	183	13.6	34.7	201	11.8	41.8	215	9.6			
195	20.5	162	13.6	24.2	173	12.9	32.0	194	11.2	39.5	209	9.1			
200	15.5	146	12.9	20.2	160	12.3	29.0	185	10.7	37.0	203	8.6			
205							25.7	175	10.2	34.5	195	8.2			
210							22.0	163	9.7	31.7	188	7.7			
215							17.4	149	9.2	28.7	179	7.3			
220										25.4	169	6.9			
224													37.0	185	3.3
225										21.6	157	6.5	37.0	185	3.3
230													34.6	178	3.0
235													31.8	170	2.8
240													28.8	162	2.5
245													25.5	151	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

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radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>203 ft luffing jib</b> <b>84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	24.5						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	23.0						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	21.7						
135	53.7	259	23.6	55.3	261	23.1	59.4	267	20.5						
140	51.9	255	22.9	53.6	258	21.9	57.8	264	19.4						
145	50.1	251	21.7	51.8	254	20.8	56.1	261	18.3						
150	48.2	246	20.6	50.0	250	19.7	54.3	257	17.3						
155	46.3	241	19.6	48.1	245	18.7	52.6	253	16.4						
156										57.0	257	13.4			
160	44.3	236	18.6	46.2	241	17.8	50.8	249	15.6	55.9	255	12.9			
165	42.2	231	17.7	44.1	235	16.9	48.9	245	14.8	54.2	251	12.2			
170	40.1	225	16.9	42.1	230	16.1	47.0	240	14.0	52.4	248	11.5			
175	37.8	219	16.1	39.9	224	15.3	45.0	235	13.3	50.6	243	10.9			
180	35.4	212	15.3	37.6	218	14.6	43.0	230	12.7	48.7	239	10.3			
185	32.8	204	14.6	35.2	211	13.9	40.8	224	12.1	46.8	235	9.8			
190	30.1	196	14.0	32.6	203	13.3	38.6	218	11.5	44.8	230	9.2			
195	27.1	187	13.3	29.9	195	12.7	36.2	212	10.9	42.8	224	8.7			
200	23.7	176	12.7	26.8	185	12.1	33.8	204	10.4	40.6	218	8.3			
205	19.8	163	12.1	23.5	174	11.5	31.1	196	9.9	38.4	212	7.8			
210				19.5	161	11.0	28.2	187	9.4	36.0	206	7.4			
215							25.0	177	8.9	33.5	198	7.0			
220							21.3	165	8.4	30.8	190	6.6			
225							16.8	150	8.0	27.9	181	6.2			
230										24.6	170	5.8			
232													37.0	191	2.5
235										20.9	158	5.5	36.1	188	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	160.2												
37				75.0	168	145.9									
40	67.1	165	132.6	71.9	167	128.6									
45	62.2	163	112.5	67.2	165	109.2									
50	57.0	159	97.6	62.3	162	94.6									
55	51.5	156	86.0	57.1	159	83.4									
59							67.0	162	70.2						
60	45.5	151	76.7	51.6	155	74.4	65.7	161	68.2						
65	38.7	145	69.1	45.6	151	67.1	60.8	159	61.5						
70	30.6	137	62.7	38.9	145	60.9	55.5	155	55.9						
75	19.6	126	57.3	30.9	137	55.7	49.9	151	51.1						
80				23.0	129	33.0	43.7	146	47.1						
85										57.0	150	38.8			
85							36.6	140	43.5	56.7	150	38.6			
90							28.0	131	40.3	51.2	146	35.9			
95							18.9	122	33.0	45.1	142	33.4			
100										40.0	137	31.3			
105										32.2	130	29.3			
110										22.0	119	27.5			
129													37.0	115	16.7
130													37.0	115	16.6
135													28.6	107	15.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.2												
39				75.0	177	132.2									
40	70.2	176	132.5	74.4	177	128.4									
45	66.1	174	112.4	70.3	175	108.9									
50	61.8	171	97.4	66.2	173	94.4									
55	57.3	168	85.9	61.9	171	83.2									
60	52.6	164	76.6	57.4	168	74.2									
63							67.0	171	64.3						
65	47.5	160	69.0	52.7	164	66.9	64.9	170	61.2						
70	42.0	154	62.7	47.7	159	60.8	60.6	167	55.6						
75	35.7	148	57.4	42.1	154	55.6	56.0	164	50.9						
80	28.1	139	52.8	35.9	148	51.2	51.2	160	46.8						
85	17.7	126	48.7	28.4	139	47.3	46.0	155	43.3						
90				20.9	130	33.0	40.3	150	40.2						
90										57.0	159	35.4			
95							33.7	143	37.4	52.3	155	33.1			
100							25.7	133	35.0	48.5	152	31.0			
105										43.0	147	29.0			
110										36.9	140	27.3			
115										29.6	132	25.6			
120										20.0	120	24.1			
137													37.0	121	14.8
140													34.2	118	14.5
145													26.2	108	13.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	132.3												
42				75.0	187	120.6									
45	69.0	184	112.2	72.7	186	108.7									
50	65.3	182	97.3	69.1	184	94.2									
55	61.5	180	85.7	65.4	182	83.0									
60	57.6	176	76.4	61.6	179	74.0									
65	53.4	173	68.9	57.7	176	66.7									
66							67.0	180	59.2						
70	49.0	169	62.6	53.5	172	60.6	64.3	178	55.2						
75	44.3	164	57.3	49.2	168	55.5	60.5	176	50.5						
80	39.1	158	52.7	44.4	163	51.0	56.4	172	46.5						
85	33.2	151	48.7	39.2	157	47.2	52.2	169	43.0						
90	26.1	141	45.2	33.4	150	43.8	47.8	164	39.9						
95	16.1	127	42.1	26.3	141	40.8	42.9	159	37.2						
95										57.0	167	32.0			
100							37.6	153	34.8	54.2	165	30.6			
105							32.9	147	32.7	49.8	160	28.7			
110							25.7	138	30.7	45.2	156	26.9			
115										40.1	150	25.4			
120										34.3	143	23.9			
125										27.5	134	22.6			
130										18.3	121	21.3			
145													37.0	127	13.3
150													31.8	120	12.6
155													24.3	110	11.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      95 ft luffing jib                      94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	131.5												
44				75.0	196	110.9									
45	71.3	195	112.1	74.6	196	108.5									
50	68.1	193	97.2	71.4	195	94.0									
55	64.7	191	85.6	68.1	193	82.8									
60	61.3	188	76.3	64.8	190	73.9									
65	57.8	185	68.8	61.4	188	66.6									
70	54.1	181	62.5	57.9	185	60.5									
70							67.0	189	54.8						
75	50.2	177	57.2	54.2	181	55.3	63.8	187	50.3						
80	46.1	173	52.7	50.3	177	50.9	60.4	184	46.3						
85	41.6	167	48.7	46.2	172	47.1	56.8	181	42.8						
90	36.7	161	45.2	41.7	167	43.8	53.0	177	39.8						
95	31.1	153	42.2	36.9	160	40.8	49.1	173	37.1						
100	24.4	143	39.4	31.3	153	38.1	44.9	168	34.6						
101										57.0	175	29.6			
105				24.6	143	35.7	41.4	164	32.6	54.8	173	28.5			
110							36.5	157	30.6	50.9	169	26.7			
115							30.9	149	28.8	46.8	165	25.2			
120							24.0	139	27.2	42.5	159	23.8			
125										37.6	153	22.4			
130										32.2	146	21.2			
135										25.7	136	20.1			
153													37.0	133	11.9
155													35.6	131	11.7
160													29.8	122	11.1
165													22.6	112	10.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 105 ft luffing jib 94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	111.9												
47				75.0	206	102.5									
50	70.2	204	96.9	73.2	205	93.8									
55	67.3	202	85.4	70.3	203	82.5									
60	64.3	199	76.1	67.4	201	73.6									
65	61.1	197	68.6	64.3	199	66.3									
70	57.9	193	62.3	61.2	196	60.2									
74							67.0	198	50.8						
75	54.6	190	57.0	58.0	193	55.1	66.4	198	50.0						
80	51.1	186	52.5	54.7	190	50.7	63.4	195	45.9						
85	47.5	182	48.5	51.2	186	46.9	60.3	193	42.5						
90	43.6	176	45.1	47.6	181	43.5	57.0	189	39.4						
95	39.4	171	42.0	43.7	176	40.6	53.7	186	36.7						
100	34.7	164	39.3	39.5	170	38.0	50.1	182	34.3						
105	29.4	155	36.8	34.8	163	35.6	47.3	178	32.3						
106										57.0	183	27.2			
110	22.9	144	34.6	29.5	155	33.5	43.4	173	30.3	55.2	182	26.4			
115				24.7	147	31.6	39.2	167	28.6	51.8	178	24.8			
120							34.5	160	27.0	48.1	173	23.4			
125							29.1	152	25.5	44.3	168	22.1			
130							22.6	141	24.1	40.1	163	20.9			
135										35.6	156	19.8			
140										30.4	148	18.8			
145										24.2	138	17.8			
160													37.0	138	10.5
165													33.6	133	10.2
170													28.1	125	9.6
175													21.2	113	9.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 115 ft luffing jib 94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	95.0									
50	72.0	214	96.7	74.7	215	93.5									
55	69.3	212	85.1	72.1	214	82.2									
60	66.6	210	75.9	69.4	212	73.3									
65	63.8	208	68.3	66.7	210	66.0									
70	61.0	205	62.1	63.9	207	59.9									
75	58.1	202	56.8	61.1	205	54.8									
78							67.0	207	47.2						
80	55.0	198	52.2	58.2	202	50.4	65.9	206	45.6						
85	51.9	195	48.3	55.1	198	46.6	63.1	204	42.1						
90	48.6	190	44.8	52.0	194	43.3	60.2	201	39.1						
95	45.1	185	41.8	48.7	190	40.3	57.2	198	36.4						
100	41.4	180	39.1	45.2	185	37.7	54.2	194	34.0						
105	37.4	174	36.7	41.5	180	35.4	51.8	191	31.9						
110	32.9	166	34.5	37.5	173	33.2	48.5	187	30.0						
112										57.0	192	25.1			
115	29.1	160	32.6	34.1	168	31.4	45.0	182	28.3	55.6	190	24.4			
120	23.2	149	30.7	29.2	159	29.6	41.2	177	26.7	52.5	186	23.0			
125				23.4	149	28.0	37.2	170	25.2	49.2	182	21.7			
130							32.7	163	23.9	45.8	177	20.5			
135							27.6	154	22.6	42.1	172	19.4			
140							21.3	142	21.4	38.1	166	18.4			
145										33.8	159	17.5			
150										28.8	150	16.6			
155										22.8	139	15.8			
168													37.0	144	9.3
170													36.4	143	9.2
175													31.9	136	8.7
180													26.6	126	8.2
185													20.0	114	7.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	88.6									
55	71.0	223	85.0	73.5	224	82.0									
60	68.6	221	75.7	71.1	222	73.1									
65	66.1	219	68.2	68.6	220	65.8									
70	63.5	216	61.9	66.1	218	59.7									
75	60.9	213	56.6	63.6	216	54.6									
80	58.2	210	52.0	61.0	213	50.2									
82							67.0	216	44.0						
85	55.4	207	48.1	58.3	210	46.4	65.4	215	41.9						
90	52.5	203	44.7	55.5	207	43.1	62.8	212	38.8						
95	49.5	199	41.6	52.6	203	40.1	60.1	210	36.1						
100	46.4	194	38.9	49.6	199	37.5	57.4	206	33.8						
105	43.1	189	36.5	46.5	194	35.2	55.3	204	31.7						
110	39.5	183	34.3	43.2	189	33.1	52.4	200	29.8						
115	36.6	178	32.4	40.5	184	31.2	49.4	196	28.1						
117										57.0	200	23.3			
120	32.4	171	30.6	36.7	178	29.5	46.2	191	26.5	55.9	199	22.7			
125	27.7	162	29.0	32.5	170	27.9	42.9	186	25.0	53.1	195	21.5			
130	22.0	150	27.4	27.8	161	26.4	39.3	180	23.7	50.1	191	20.3			
135				22.2	150	25.0	35.5	173	22.4	47.0	186	19.2			
140							31.2	165	21.3	43.7	181	18.2			
145							26.2	156	20.2	40.2	175	17.3			
150							20.2	143	19.2	36.4	169	16.4			
155										32.2	161	15.6			
160										27.4	152	14.8			
165										21.7	141	14.1			
176													37.0	150	8.3
180													34.8	146	8.0
185													30.4	138	7.6
190													25.3	128	7.1
195													18.9	115	6.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	75.5	72.5	233	72.8									
65	67.9	229	67.9	70.3	231	65.5									
70	65.6	227	61.6	68.0	229	59.4									
75	63.2	225	56.3	65.7	227	54.3									
80	60.8	222	51.8	63.3	224	49.9									
85	58.3	219	47.9	60.8	222	46.1									
86							67.0	225	41.1						
90	55.7	216	44.4	58.3	218	42.8	64.9	223	38.5						
95	53.1	212	41.4	55.8	215	39.9	62.5	221	35.8						
100	50.3	208	38.7	53.1	211	37.3	60.1	218	33.4						
105	47.5	203	36.3	50.4	207	34.9	58.2	216	31.4						
110	44.4	198	34.1	48.2	204	32.9	55.6	212	29.5						
115	42.0	194	32.2	45.2	199	31.0	52.9	209	27.7						
120	38.7	188	30.4	42.1	194	29.2	50.2	204	26.1						
122										57.0	208	21.5			
125	35.0	181	28.8	38.7	188	27.7	47.3	200	24.7	56.2	207	21.1			
130	31.0	173	27.2	35.1	181	26.2	44.3	195	23.4	53.5	204	19.9			
135	26.5	164	25.8	31.1	173	24.8	41.1	189	22.1	50.8	200	18.8			
140	21.0	152	24.5	26.6	163	23.6	37.7	183	21.0	48.0	195	17.8			
145				21.1	152	22.4	34.0	176	20.0	45.0	190	16.9			
150							29.8	168	19.0	41.8	185	16.1			
155							25.0	157	18.0	38.5	179	15.2			
160							19.1	145	17.2	34.8	172	14.5			
165										30.8	164	13.8			
170										26.2	154	13.1			
175										20.6	142	12.4			
184													37.0	156	7.2
185													37.0	156	7.2
190													33.3	149	6.8
195													29.0	140	6.4
200													24.1	130	6.0
205													17.9	116	5.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      144 ft luffing jib                      94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	65.2									
70	67.4	238	61.4	69.6	240	59.1									
75	65.2	236	56.1	67.4	238	54.0									
80	63.0	233	51.5	65.2	235	49.6									
85	60.7	230	47.6	63.0	233	45.8									
89							67.0	235	38.4						
90	58.4	227	44.2	60.7	230	42.5	66.8	234	38.1						
95	56.0	224	41.1	58.4	227	39.6	64.6	232	35.4						
100	53.5	220	38.4	56.0	224	37.0	62.9	230	33.0						
105	51.0	216	36.0	53.6	220	34.6	60.6	227	31.0						
110	48.3	212	33.8	51.7	217	32.6	58.3	224	29.1						
115	46.2	208	32.0	49.0	213	30.7	55.9	221	27.4						
120	43.4	203	30.2	46.3	208	29.0	53.4	217	25.8						
125	40.4	197	28.5	43.5	203	27.4	50.9	213	24.4						
128										57.0	217	19.8			
130	37.1	191	27.0	40.4	197	25.9	48.2	209	23.0	56.4	216	19.5			
135	33.6	184	25.6	37.2	191	24.6	45.5	204	21.8	54.0	212	18.4			
140	29.8	175	24.3	33.7	183	23.3	42.6	199	20.7	51.4	208	17.5			
145	25.3	165	23.1	29.9	175	22.2	39.5	193	19.6	48.8	204	16.5			
150	20.0	153	22.0	25.5	165	21.1	36.2	186	18.7	46.1	199	15.7			
155				20.2	153	20.1	32.6	178	17.8	43.2	194	14.9			
160							28.6	170	16.9	40.2	188	14.1			
165							24.0	159	16.1	37.0	182	13.4			
170							18.2	146	15.3	33.4	174	12.8			
175										29.5	166	12.1			
180										25.1	156	11.5			
185										19.7	143	11.0			
192													37.0	162	6.1
195													35.6	159	6.0
200													31.9	152	5.6
205													27.8	143	5.3
210													23.1	132	4.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	58.9									
75	66.9	247	55.9	68.9	248	53.8									
80	64.8	244	51.3	66.9	246	49.4									
85	62.7	242	47.4	64.9	244	45.6									
90	60.6	239	43.9	62.8	241	42.3									
93							67.0	244	36.0						
95	58.4	236	40.9	60.7	238	39.3	66.3	243	35.1						
100	56.2	233	38.2	58.5	235	36.7	64.7	241	32.9						
105	53.9	229	35.8	56.3	232	34.4	62.6	238	30.8						
110	51.6	225	33.6	54.5	229	32.4	60.5	236	28.8						
115	49.7	222	31.8	52.2	226	30.5	58.3	233	27.1						
120	47.2	217	30.0	49.8	221	28.8	56.1	229	25.6						
125	44.6	212	28.3	47.2	217	27.2	53.8	226	24.1						
130	41.8	207	26.8	44.6	212	25.7	51.5	222	22.8						
133										57.0	225	18.3			
135	38.9	201	25.4	41.9	206	24.4	49.0	217	21.6	56.6	224	18.2			
140	35.8	194	24.2	39.0	200	23.1	46.5	213	20.5	54.3	221	17.2			
145	32.4	186	23.0	35.8	194	22.0	43.8	208	19.4	52.0	217	16.3			
150	28.6	178	21.8	32.5	186	20.9	41.0	202	18.5	49.6	213	15.4			
155	24.3	167	20.8	28.7	177	19.9	38.0	196	17.5	47.0	208	14.6			
160	19.1	154	19.8	24.5	167	19.0	34.8	189	16.7	44.4	203	13.9			
165				19.3	154	18.1	31.4	181	15.9	41.6	197	13.2			
170							27.5	172	15.1	38.7	191	12.5			
175							23.0	161	14.4	35.6	185	11.9			
180							17.4	147	13.7	32.2	177	11.3			
185										28.4	168	10.8			
190										24.1	158	10.2			
195										18.8	144	9.7			
200													37.0	168	5.3
200													37.0	168	5.3
205													34.3	162	5.0
210													30.7	154	4.7
215													26.8	145	4.4
220													22.1	133	4.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	49.1									
85	64.5	253	47.1	66.5	255	45.3									
90	62.5	250	43.7	64.6	252	42.0									
95	60.5	247	40.6	62.6	250	39.0									
97							67.0	253	33.7						
100	58.5	244	37.9	60.6	247	36.4	66.4	252	32.5						
105	56.4	241	35.5	58.6	244	34.1	64.4	250	30.4						
110	54.3	238	33.4	57.0	241	32.1	62.5	247	28.5						
115	52.6	235	31.5	54.8	238	30.2	60.5	244	26.8						
120	50.3	230	29.7	52.6	234	28.5	58.4	241	25.2						
125	48.0	226	28.1	50.4	230	26.9	56.3	238	23.8						
130	45.6	221	26.6	48.1	226	25.4	54.2	234	22.5						
135	43.0	216	25.2	45.6	221	24.1	52.0	230	21.2						
138										57.0	233	16.9			
140	40.4	210	23.9	43.1	216	22.9	49.7	226	20.1	56.8	233	16.8			
145	37.5	204	22.7	40.4	210	21.7	47.3	222	19.1	54.7	229	15.9			
150	34.5	197	21.6	37.6	204	20.7	44.9	217	18.1	52.5	225	15.0			
155	31.2	189	20.6	34.6	196	19.7	42.3	211	17.2	50.2	221	14.2			
160	27.6	180	19.6	31.3	189	18.7	39.6	205	16.4	47.9	217	13.5			
165	23.4	169	18.7	27.7	179	17.8	36.7	199	15.6	45.4	212	12.8			
170	18.3	155	17.8	23.5	169	17.0	33.6	192	14.8	42.9	207	12.2			
175				18.5	155	16.2	30.3	183	14.1	40.2	201	11.6			
180							26.5	174	13.5	37.4	195	11.0			
185							22.1	162	12.8	34.3	187	10.4			
190							16.7	147	12.2	31.0	179	9.9			
195										27.4	170	9.4			
200										23.2	159	8.9			
205										18.0	145	8.5			
208													37.0	174	4.4
210													36.2	172	4.3
215													33.1	165	4.0
220													29.6	156	3.7
225													25.8	146	3.4
230													21.3	134	3.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 174 ft luffing jib 94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7		74.9	45.6									
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.4	66.1	263	41.6									
95	62.4	259	40.4	64.3	261	38.7									
100	60.5	256	37.7	62.4	258	36.1									
101							67.0	262	31.2						
105	58.6	253	35.2	60.5	255	33.8	66.0	260	30.0						
110	56.6	250	33.1	59.1	253	31.8	64.1	258	28.1						
115	55.0	247	31.2	57.1	250	29.9	62.3	255	26.4						
120	53.0	243	29.4	55.1	246	28.2	60.4	253	24.8						
125	50.9	239	27.8	53.0	243	26.6	58.5	250	23.4						
130	48.7	235	26.3	50.9	239	25.1	56.5	246	22.1						
135	46.4	230	24.9	48.8	234	23.8	54.5	243	20.9						
140	44.1	225	23.6	46.5	230	22.6	52.4	239	19.8						
144										57.0	241	15.5			
145	41.6	220	22.4	44.2	225	21.4	50.3	235	18.7	56.9	241	15.5			
150	39.1	213	21.3	41.7	219	20.4	48.1	230	17.8	54.9	238	14.6			
155	36.3	207	20.3	39.1	213	19.4	45.8	226	16.9	52.9	234	13.9			
160	33.4	199	19.3	36.4	207	18.4	43.4	220	16.1	50.8	230	13.1			
165	30.2	191	18.4	33.5	199	17.6	40.9	215	15.3	48.6	226	12.4			
170	26.6	182	17.6	30.3	191	16.8	38.3	209	14.5	46.3	221	11.8			
175	22.6	170	16.8	26.7	181	16.0	35.5	202	13.8	44.0	216	11.2			
180	17.6	156	16.0	22.7	170	15.2	32.5	194	13.2	41.5	210	10.6			
185				17.8	156	14.5	29.2	186	12.5	38.9	204	10.1			
190							25.6	176	11.9	36.2	197	9.6			
195							21.3	164	11.4	33.2	190	9.1			
200							16.0	148	10.8	30.0	182	8.6			
205										26.4	172	8.1			
210										22.3	161	7.7			
215										17.3	146	7.3			
215													37.0	180	3.5
220													35.0	175	3.3
225													32.0	167	3.0
230													28.6	158	2.7
235													24.9	148	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	35.9									
105							67.0	271	29.7						
105	60.4	264	35.0	62.3	267	33.5	67.0	271	29.4						
110	59.0	262	32.4	60.9	265	31.5	65.6	269	27.9						
115	57.2	259	31.0	59.1	262	29.6	63.9	267	26.1						
120	55.3	255	29.2	57.2	258	27.9	62.1	264	24.6						
125	53.4	252	27.5	55.3	255	26.3	60.3	261	23.1						
130	51.4	248	26.1	53.4	251	24.9	58.5	258	21.8						
135	49.3	244	24.7	51.4	247	23.6	56.7	255	20.6						
140	47.2	239	23.4	49.4	243	22.3	54.8	251	19.5						
145	45.0	234	22.2	47.3	239	21.2	52.8	248	18.5						
149										57.0	250	14.4			
150	42.7	229	21.1	45.1	234	20.1	50.8	244	17.5	57.0	250	14.3			
155	40.4	223	20.1	42.8	228	19.1	48.7	239	16.6	55.2	246	13.6			
160	37.9	217	19.1	40.4	223	18.2	46.6	235	15.8	53.3	243	12.8			
165	35.2	210	18.2	37.9	216	17.4	44.4	229	15.0	51.3	239	12.2			
170	32.3	202	17.4	35.3	209	16.5	42.1	224	14.3	49.2	234	11.5			
175	29.2	193	16.6	32.4	202	15.8	39.7	218	13.6	47.1	230	10.9			
180	25.8	184	15.8	29.3	193	15.0	37.1	212	12.9	44.9	225	10.3			
185	21.8	172	15.1	25.9	183	14.3	34.4	205	12.3	42.6	219	9.8			
190	16.9	157	14.4	21.9	172	13.7	31.5	197	11.7	40.2	214	9.3			
195							28.3	188	11.2	37.7	207	8.8			
200							24.7	177	10.6	35.0	200	8.3			
205							20.6	165	10.1	32.2	193	7.9			
210										29.1	184	7.5			
215										25.6	174	7.1			
220										21.6	162	6.7			
223													37.0	186	2.8
225													36.7	185	2.7
230													33.9	178	2.5
235													31.0	170	2.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	27.5						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	27.5						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	25.8						
120	57.3	267	28.2	59.1	270	27.6	63.7	275	24.2						
125	55.5	264	27.3	57.3	267	26.0	62.0	272	22.8						
130	53.7	260	25.8	55.6	264	24.6	60.3	270	21.5						
135	51.8	256	24.4	53.7	260	23.3	58.6	267	20.3						
140	49.9	252	23.1	51.9	256	22.0	56.8	263	19.2						
145	47.9	248	21.9	49.9	252	20.9	55.0	260	18.1						
150	45.8	243	20.8	47.9	247	19.8	53.2	256	17.2						
154										57.0	258	13.2			
155	43.7	238	19.8	45.9	243	18.9	51.3	252	16.3	57.0	258	13.1			
160	41.5	232	18.9	43.8	237	17.9	49.3	248	15.5	55.4	255	12.5			
165	39.2	226	18.0	41.6	232	17.1	47.3	243	14.7	53.6	251	11.8			
170	36.8	220	17.1	39.3	226	16.3	45.3	238	13.9	51.7	247	11.1			
175	34.2	213	16.3	36.8	219	15.5	43.1	233	13.3	49.8	243	10.5			
180	31.4	205	15.6	34.2	212	14.8	40.9	228	12.6	47.8	239	10.0			
185	28.3	196	14.9	31.5	204	14.1	38.5	221	12.0	45.7	234	9.4			
190	25.0	185	14.2	28.4	195	13.4	36.0	215	11.4	43.6	229	8.9			
195	21.1	173	13.5	25.1	185	12.8	33.4	207	10.9	41.4	223	8.4			
200	16.3	158	12.9	21.2	173	12.2	30.6	199	10.3	39.1	217	8.0			
205							27.4	190	9.8	36.6	210	7.6			
210							23.9	179	9.3	34.0	203	7.1			
215							19.9	166	8.9	31.2	195	6.7			
220										28.2	186	6.4			
225										24.8	176	6.0			
230										20.9	164	5.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      203 ft luffing jib                      94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	23.8						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	22.4						
130	55.7	272	23.8	57.5	275	24.3	61.9	281	21.1						
135	54.0	269	23.5	55.8	272	23.0	60.3	278	19.9						
140	52.2	265	22.8	54.0	268	21.7	58.6	275	18.8						
145	50.4	261	21.6	52.2	265	20.6	56.9	272	17.8						
150	48.5	257	20.6	50.4	261	19.5	55.2	268	16.8						
155	46.6	252	19.5	48.6	256	18.5	53.5	265	15.9						
160										57.0	266	12.0			
160	44.6	247	18.6	46.6	251	17.6	51.7	261	15.1	57.0	266	11.9			
165	42.5	241	17.7	44.6	246	16.8	49.9	257	14.3	55.6	263	11.4			
170	40.4	236	16.8	42.6	241	16.0	48.0	252	13.6	53.9	260	10.7			
175	38.1	229	16.0	40.4	235	15.2	46.0	247	12.9	52.1	256	10.2			
180	35.7	223	15.3	38.2	229	14.5	44.0	242	12.3	50.3	252	9.6			
185	33.2	215	14.6	35.8	222	13.8	41.9	237	11.7	48.4	247	9.1			
190	30.5	207	13.9	33.3	215	13.1	39.7	231	11.1	46.5	243	8.6			
195	27.5	198	13.3	30.6	207	12.5	37.5	224	10.5	44.5	238	8.1			
200	24.2	187	12.7	27.6	197	11.9	35.0	218	10.0	42.4	232	7.6			
205	20.4	175	12.1	24.3	187	11.4	32.5	210	9.5	40.2	226	7.2			
210				20.5	174	10.9	29.7	201	9.0	38.0	220	6.8			
215							26.6	192	8.6	35.6	213	6.4			
220							23.2	181	8.1	33.1	206	6.0			
225							19.2	167	7.7	30.3	197	5.6			
230										27.4	188	5.3			
235										24.0	177	5.0			
240										20.2	165	4.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      66 ft luffing jib                      104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	157.9												
38				75.0	178	138.2									
40	67.7	175	132.4	73.0	177	127.9									
45	62.8	173	112.4	68.3	175	108.5									
50	57.7	170	97.4	63.5	173	94.1									
55	52.3	166	85.8	58.4	170	82.9									
60	46.3	161	76.6	53.0	166	74.0									
61							67.0	172	65.3						
65	39.7	156	69.0	47.1	162	66.7	63.3	170	60.4						
70	31.9	148	62.7	40.6	156	60.6	58.2	167	54.9						
75	21.4	137	57.2	33.0	149	55.4	52.8	163	50.2						
80				23.0	139	50.9	46.9	158	46.2						
85							40.4	153	42.7						
89										57.0	159	35.1			
90							32.7	146	39.6	55.8	159	34.5			
95							22.6	135	36.9	51.5	156	32.3			
100										45.5	151	30.1			
105										38.8	145	28.2			
110										30.7	137	26.5			
136													37.0	122	13.9
140													32.2	117	13.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	155.9												
40	70.8	186	132.3												
40				75.0	187	125.9									
45	66.7	184	112.2	71.3	186	108.3									
50	62.4	181	97.3	67.2	184	93.9									
55	58.0	178	85.7	63.0	181	82.7									
60	53.3	175	76.5	58.5	178	73.8									
65	48.2	170	68.9	53.9	175	66.5									
65							67.0	181	59.9						
70	42.8	165	62.6	48.9	170	60.5	62.8	178	54.6						
75	36.6	159	57.3	43.5	165	55.3	58.4	175	49.9						
80	29.3	150	52.7	37.4	159	50.9	53.7	172	45.9						
85	19.5	139	48.7	30.3	151	47.0	48.7	167	42.5						
90				21.0	140	43.6	43.3	162	39.4						
94										57.0	168	32.1			
95										57.0	168	31.7			
100							37.2	156	36.7	52.6	164	29.8			
105							30.1	148	34.3	47.6	160	27.9			
110										42.0	154	26.2			
115										35.8	148	24.7			
120										28.2	139	23.2			
144													37.0	128	12.3
145													36.8	127	12.3
150													29.6	119	11.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>85 ft luffing jib</b> <b>104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	131.0												
43				75.0	197	115.3									
45	69.5	195	112.0	73.6	196	108.0									
50	65.9	192	97.1	70.0	194	93.6									
55	62.1	190	85.5	66.3	192	82.5									
60	58.1	187	76.3	62.6	190	73.6									
65	54.0	183	68.8	58.7	187	66.3									
69							67.0	190	55.3						
70	49.7	179	62.5	54.6	183	60.2	66.2	189	54.2						
75	45.0	174	57.2	50.2	179	55.1	62.4	187	49.6						
80	39.9	168	52.6	45.6	174	50.7	58.5	184	45.6						
85	34.1	161	48.7	40.5	169	46.9	54.4	180	42.2						
90	27.2	152	45.2	34.9	162	43.6	50.1	176	39.1						
95	17.8	139	42.0	28.2	153	40.6	45.4	171	36.5						
100										57.0	176	29.5			
100				19.3	141	37.9	40.4	166	34.1	57.0	176	29.1			
105							36.1	160	32.0	53.5	173	27.5			
110							29.6	152	30.1	49.1	169	25.9			
115										44.4	164	24.3			
120										39.2	158	22.9			
125										33.3	151	21.7			
130										26.2	141	20.5			
152													37.0	134	10.9
155													34.3	130	10.6
160													27.4	121	10.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      95 ft luffing jib                      104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.7												
45	71.7	205	111.9												
46				75.0	206	106.3									
50	68.5	203	97.0	72.1	205	93.5									
55	65.2	201	85.4	68.9	203	82.3									
60	61.8	198	76.2	65.6	201	73.4									
65	58.3	195	68.7	62.2	198	66.1									
70	54.6	192	62.4	58.7	195	60.1									
73							67.0	199	51.3						
75	50.8	188	57.1	55.1	192	55.0	65.5	198	49.3						
80	46.7	183	52.6	51.3	188	50.6	62.1	195	45.4						
85	42.3	178	48.6	47.2	183	46.8	58.6	192	42.0						
90	37.4	172	45.2	42.8	178	43.5	55.0	189	39.0						
95	32.0	164	42.1	38.1	172	40.5	51.1	185	36.3						
100	25.4	154	39.4	32.7	164	37.9	47.1	180	34.0						
105				26.3	155	35.5	43.7	176	31.9	57.0	184	26.9			
110				20.2	146	33.0	39.1	170	30.0	54.1	181	25.6			
115							33.8	163	28.2	50.3	177	24.1			
120							27.7	154	26.6	46.1	173	22.8			
125										41.7	167	21.5			
130										36.8	161	20.3			
135										31.2	153	19.2			
140										24.5	143	18.2			
159													37.0	140	9.9
160													37.0	140	9.8
165													32.2	133	9.3
170													25.7	123	8.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	111.6												
48				75.0	216	98.4									
50	70.6	214	96.8	73.9	215	93.2									
55	67.7	212	85.2	71.0	213	82.0									
60	64.7	209	76.0	68.1	211	73.1									
65	61.6	207	68.4	65.1	209	65.9									
70	58.4	204	62.2	62.0	207	59.8									
75	55.1	200	56.9	58.8	204	54.7									
77							67.0	208	47.6						
80	51.6	196	52.4	55.5	200	50.4	65.0	206	45.0						
85	48.0	192	48.4	52.1	196	46.6	61.9	204	41.6						
90	44.1	187	45.0	48.5	192	43.2	58.7	201	38.6						
95	40.0	181	41.9	44.6	187	40.3	55.4	197	36.0						
100	35.4	174	39.2	40.5	181	37.7	52.0	193	33.6						
105	30.2	166	36.8	36.0	175	35.4	49.2	190	31.6						
110	23.9	156	34.6	30.9	167	33.2	45.4	185	29.7						
110										57.0	192	24.8			
115				26.3	159	31.4	41.4	180	28.0	54.7	190	23.7			
120				18.8	147	29.6	36.9	173	26.4	51.2	186	22.4			
125							31.9	166	24.9	47.5	182	21.1			
130							26.1	156	23.6	43.6	176	20.0			
135										39.4	171	18.9			
140										34.7	164	17.9			
145										29.4	155	17.0			
150										23.0	145	16.1			
167													37.0	145	8.6
170													35.5	143	8.4
175													30.3	135	7.9
180													24.1	125	7.5

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>104</b>
<b>counterweight [1000 lbs]:</b>	<b>98.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	96.5												
51				75.0	225	91.4									
55	69.7	222	84.9	72.7	224	81.7									
60	67.0	220	75.7	70.0	222	72.8									
65	64.2	218	68.2	67.3	220	65.6									
70	61.4	215	61.9	64.6	218	59.5									
75	58.5	212	56.6	61.8	215	54.4									
80	55.5	209	52.1	58.9	212	50.1									
81							67.0	217	44.3						
85	52.3	205	48.2	55.9	209	46.3	64.5	215	41.2						
90	49.1	201	44.8	52.8	205	43.0	61.7	212	38.2						
95	45.6	196	41.7	49.5	201	40.1	58.8	209	35.6						
100	41.9	191	39.0	46.1	196	37.5	55.8	206	33.3						
105	38.0	184	36.6	42.4	191	35.1	53.4	203	31.3						
110	33.6	177	34.4	39.4	186	33.0	50.2	199	29.4						
115	29.8	171	32.5	35.2	179	31.2	46.8	194	27.6						
116										57.0	201	22.8			
120	24.1	160	30.7	30.5	171	29.4	43.2	189	26.1	55.1	198	22.0			
125				24.9	161	27.8	39.3	183	24.7	51.9	195	20.7			
130				17.7	148	26.3	35.1	176	23.3	48.6	190	19.6			
135							30.3	168	22.1	45.2	185	18.5			
140							24.7	158	21.0	41.4	180	17.6			
145										37.4	174	16.7			
150										33.0	166	15.8			
155										27.9	157	15.0			
160										21.7	146	14.2			
175													37.0	151	7.4
180													33.7	146	7.1
185													28.8	137	6.7
190													22.8	126	6.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	85.4									
55	71.4	233	84.8	74.1	234	81.5									
60	68.9	231	75.5	71.7	233	72.6									
65	66.4	229	68.0	69.2	231	65.4									
70	63.9	226	61.8	66.7	229	59.3									
75	61.2	224	56.5	64.2	226	54.2									
80	58.6	221	51.9	61.6	224	49.9									
84							67.0	226	41.4						
85	55.8	217	48.0	58.9	221	46.1	66.7	226	41.0						
90	52.9	214	44.6	56.2	217	42.8	64.1	223	38.0						
95	50.0	209	41.6	53.3	214	39.9	61.5	221	35.4						
100	46.8	205	38.9	50.3	209	37.3	59.4	218	33.0						
105	43.5	200	36.4	47.2	205	34.9	56.7	215	31.0						
110	40.0	194	34.3	44.8	201	32.9	53.9	211	29.1						
115	37.1	189	32.4	41.3	196	31.0	50.9	207	27.4						
120	33.0	182	30.6	37.6	189	29.3	47.9	203	25.9						
121										57.0	209	21.1			
125	28.4	173	28.9	33.6	182	27.7	44.6	198	24.5	55.4	207	20.5			
130	22.9	162	27.4	29.0	173	26.2	41.2	192	23.1	52.6	203	19.3			
135				23.7	163	24.9	37.5	186	21.9	49.6	199	18.3			
140							33.4	179	20.8	46.4	194	17.3			
145							28.9	170	19.8	43.1	189	16.4			
150							23.5	160	18.8	39.6	183	15.6			
155										35.7	177	14.8			
160										31.4	169	14.1			
165										26.5	159	13.4			
170										20.5	147	12.7			
183													37.0	157	6.5
185													36.3	156	6.4
190													32.2	149	6.1
195													27.4	139	5.7
200													21.6	128	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	75.3	73.1	243	72.3									
65	68.2	240	67.8	70.8	241	65.1									
70	65.9	237	61.5	68.5	239	59.0									
75	63.5	235	56.2	66.2	237	53.9									
80	61.1	232	51.7	63.8	235	49.6									
85	58.6	229	47.8	61.4	232	45.8									
88							67.0	235	38.7						
90	56.1	226	44.3	59.0	229	42.5	66.1	234	37.6						
95	53.4	222	41.3	56.4	226	39.6	63.8	232	35.0						
100	50.7	218	38.6	53.8	222	37.0	61.9	230	32.7						
105	47.9	214	36.2	51.1	218	34.7	59.5	227	30.7						
110	44.9	209	34.0	48.9	215	32.7	56.9	224	28.8						
115	42.5	205	31.6	46.0	210	30.8	54.3	220	27.1						
120	39.1	199	30.3	42.9	205	29.0	51.6	216	25.5						
125	35.5	192	28.7	39.6	199	27.5	48.8	212	24.1						
126										57.0	217	19.5			
130	31.6	184	27.2	36.0	192	26.0	45.9	207	22.8	55.7	216	18.9			
135	27.1	175	25.8	32.1	185	24.7	42.8	202	21.6	53.1	212	17.9			
140	21.8	163	24.5	27.7	176	23.4	39.5	196	20.5	50.3	208	16.9			
145				22.5	164	22.2	35.9	189	19.5	47.5	203	16.0			
150							32.0	181	18.5	44.5	198	15.2			
155							27.6	172	17.6	41.3	193	14.4			
160							22.3	161	16.7	37.9	186	13.7			
165										34.2	179	13.0			
170										30.1	171	12.4			
175										25.3	161	11.8			
180										19.5	148	11.2			
191													37.0	163	5.5
195													34.8	159	5.3
200													30.8	151	4.9
205													26.1	141	4.6
210													20.6	129	4.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	64.7									
70	67.7	248	61.2	70.1	250	58.7									
75	65.5	246	55.9	67.9	248	53.6									
80	63.3	243	51.4	65.8	246	49.3									
85	61.0	241	47.5	63.6	243	45.5									
90	58.7	238	44.1	61.3	240	42.2									
92							67.0	244	36.1						
95	56.3	234	41.0	59.0	237	39.3	65.7	243	34.6						
100	53.9	231	38.3	56.6	234	36.7	64.0	241	32.4						
105	51.3	227	35.9	54.2	231	34.4	61.7	238	30.3						
110	48.7	222	33.8	52.3	228	32.4	59.5	235	28.4						
115	46.6	219	31.2	49.7	224	30.5	57.1	232	26.7						
120	43.8	214	30.1	47.0	219	28.7	54.7	229	25.2						
125	40.8	208	28.5	44.2	214	27.2	52.2	225	23.8						
130	37.6	202	26.9	41.2	208	25.7	49.6	221	22.5						
132										57.0	225	17.9			
135	34.1	195	25.6	38.0	202	24.4	46.9	216	21.3	56.0	224	17.5			
140	30.3	186	24.3	34.6	195	23.2	44.1	211	20.2	53.6	220	16.5			
145	26.0	177	23.1	30.8	187	22.0	41.1	205	19.2	51.0	216	15.6			
150	20.8	165	21.9	26.6	178	20.9	37.9	199	18.2	48.4	212	14.8			
155				21.5	166	19.9	34.5	192	17.3	45.6	207	14.1			
160							30.7	184	16.5	42.7	202	13.3			
165							26.4	174	15.7	39.7	196	12.7			
170							21.4	163	14.9	36.4	189	12.0			
175										32.8	182	11.4			
180										28.8	173	10.9			
185										24.3	163	10.3			
190										18.6	150	9.8			
199													37.0	169	4.5
200													36.9	169	4.5
205													33.4	162	4.2
210													29.5	153	3.9
215													25.0	143	3.6
220													19.6	130	3.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	55.7	69.4	258	53.4									
80	65.1	254	51.2	67.4	256	49.0									
85	63.0	252	47.3	65.4	254	45.3									
90	60.9	249	43.8	63.3	252	42.0									
95	58.7	246	40.8	61.2	249	39.0									
96							67.0	253	33.9						
100	56.5	243	38.1	59.0	246	36.5	65.8	252	32.1						
105	54.2	239	35.7	56.8	243	34.1	63.7	249	30.0						
110	51.9	235	33.6	55.1	240	32.1	61.6	247	28.2						
115	50.0	232	31.7	52.7	236	30.3	59.5	244	26.5						
120	47.5	228	29.9	50.3	232	28.5	57.3	241	24.9						
125	44.9	223	28.3	47.9	228	27.0	55.0	237	23.5						
130	42.2	217	26.8	45.3	223	25.5	52.7	233	22.2						
135	39.3	211	25.4	42.5	218	24.2	50.3	229	21.0						
137										57.0	234	16.6			
140	36.2	205	24.1	39.7	212	23.0	47.8	225	19.9	56.2	233	16.3			
145	32.9	197	22.9	36.6	205	21.8	45.2	220	18.9	53.9	229	15.4			
150	29.2	189	21.8	33.3	198	20.7	42.5	214	18.0	51.6	225	14.6			
155	25.0	179	20.7	29.7	189	19.8	39.6	209	17.1	49.1	221	13.8			
160	19.9	166	19.8	25.5	179	18.8	36.5	202	16.2	46.6	216	13.1			
165				20.6	167	17.9	33.2	195	15.5	44.0	211	12.4			
170							29.5	186	14.7	41.2	205	11.8			
175							25.4	176	14.0	38.2	199	11.2			
180							20.5	164	13.3	35.0	192	10.6			
185										31.6	184	10.1			
190										27.7	175	9.6			
195										23.3	165	9.1			
200										17.8	151	8.6			
207													37.0	175	3.8
210													35.6	172	3.6
215													32.2	164	3.4
220													28.4	155	3.1
225													24.0	145	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	48.7									
85	64.8	263	47.0	66.9	265	44.9									
90	62.8	260	43.6	65.0	263	41.6									
95	60.8	258	40.5	63.1	260	38.7									
100							67.0	262	31.8						
100	58.8	255	37.8	61.1	257	36.1	67.0	262	31.4						
105	56.7	251	35.4	59.0	254	33.8	65.4	260	29.7						
110	54.6	248	33.3	57.5	252	31.8	63.5	258	27.8						
115	52.9	245	31.4	55.3	249	30.0	61.5	255	26.1						
120	50.6	241	29.6	53.2	245	28.2	59.5	252	24.6						
125	48.3	237	28.0	50.9	241	26.7	57.4	249	23.2						
130	45.9	232	26.5	48.6	237	25.2	55.3	246	21.9						
135	43.4	227	25.1	46.2	232	23.9	53.1	242	20.7						
140	40.7	221	23.8	43.7	227	22.7	50.9	238	19.6						
143										57.0	242	15.2			
145	37.9	215	22.6	41.1	221	21.5	48.5	234	18.6	56.4	241	15.0			
150	34.9	208	21.5	38.3	215	20.5	46.1	229	17.6	54.3	237	14.2			
155	31.7	200	20.5	35.3	208	19.5	43.6	224	16.7	52.1	234	13.4			
160	28.1	191	19.5	32.1	200	18.6	41.0	218	15.9	49.8	229	12.7			
165	24.0	180	18.6	28.6	192	17.7	38.2	212	15.1	47.5	225	12.0			
170	19.1	167	17.8	24.6	181	16.9	35.2	205	14.4	45.0	220	11.4			
175				19.8	168	16.1	32.0	197	13.7	42.5	215	10.8			
180							28.5	188	13.1	39.8	209	10.3			
185							24.4	178	12.4	36.9	202	9.7			
190							19.6	165	11.8	33.8	195	9.2			
195										30.5	187	8.8			
200										26.7	177	8.3			
205										22.4	166	7.9			
214													37.0	181	2.9
215													37.0	181	2.9
220													34.3	175	2.7
225													31.0	167	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	41.3									
95	62.6	269	40.2	64.7	271	38.4									
100	60.7	266	37.6	62.9	269	35.8									
104							67.0	271	29.4						
105	58.8	263	35.2	61.0	266	33.5	66.9	271	29.3						
110	57.3	261	33.0	59.5	264	31.5	65.1	269	27.4						
115	55.3	257	31.1	57.6	261	29.6	63.2	266	25.7						
120	53.3	254	29.3	55.6	257	27.9	61.4	264	24.2						
125	51.2	250	27.7	53.5	253	26.4	59.5	261	22.8						
130	49.0	245	26.2	51.4	250	24.9	57.5	258	21.5						
135	46.8	241	24.8	49.3	245	23.6	55.5	254	20.3						
140	44.4	236	23.6	47.0	241	22.4	53.5	250	19.2						
145	42.0	230	22.4	44.7	236	21.2	51.4	246	18.2						
148										57.0	250	13.9			
150	39.4	224	21.3	42.3	230	20.2	49.2	242	17.3	56.6	250	13.7			
155	36.7	218	20.3	39.8	224	19.2	47.0	238	16.4	54.6	246	13.0			
160	33.8	210	19.3	37.1	218	18.3	44.6	233	15.6	52.5	242	12.3			
165	30.6	202	18.4	34.2	211	17.4	42.2	227	14.8	50.4	238	11.6			
170	27.2	193	17.5	31.1	203	16.6	39.7	221	14.1	48.2	234	11.0			
175	23.2	182	16.7	27.6	194	15.8	37.0	215	13.4	45.9	229	10.4			
180	18.4	168	16.0	23.7	183	15.1	34.1	208	12.8	43.6	224	9.9			
185				19.1	170	14.4	31.0	200	12.1	41.1	218	9.4			
190							27.5	190	11.6	38.5	212	8.9			
195							23.6	180	11.0	35.7	205	8.4			
200							18.9	166	10.5	32.7	198	8.0			
205										29.4	189	7.5			
210										25.8	179	7.1			
215										21.6	167	6.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	35.6									
105	60.7	275	34.9	62.7	277	33.3									
107							67.0	280	27.7						
110	59.3	272	32.3	61.3	275	31.3	66.5	280	27.1						
115	57.4	269	30.9	59.5	272	29.4	64.8	277	25.5						
120	55.6	266	29.1	57.7	269	27.7	63.0	275	23.9						
125	53.6	262	27.5	55.8	266	26.1	61.3	272	22.5						
130	51.6	258	26.0	53.9	262	24.7	59.5	269	21.2						
135	49.6	254	24.6	51.9	258	23.4	57.6	266	20.1						
140	47.5	249	23.3	49.9	254	22.1	55.7	263	19.0						
145	45.3	245	22.2	47.8	249	21.0	53.8	259	18.0						
150	43.1	239	21.1	45.6	245	20.0	51.8	255	17.0						
153										57.0	258	12.8			
155	40.7	234	20.0	43.4	239	19.0	49.8	251	16.1	56.8	258	12.7			
160	38.2	227	19.1	41.0	234	18.1	47.7	246	15.3	54.9	255	12.0			
165	35.6	221	18.2	38.5	228	17.2	45.5	242	14.6	52.9	251	11.4			
170	32.7	213	17.3	35.9	221	16.4	43.3	236	13.8	50.9	247	10.7			
175	29.7	205	16.5	33.1	213	15.6	40.9	231	13.2	48.9	242	10.2			
180	26.3	195	15.8	30.1	205	14.9	38.4	225	12.5	46.7	238	9.6			
185	22.4	183	15.1	26.7	196	14.2	35.8	218	11.9	44.5	233	9.1			
190	17.7	169	14.4	22.9	184	13.5	33.0	210	11.3	42.2	227	8.6			
195				18.4	171	12.9	30.0	202	10.8	39.8	222	8.1			
200							26.6	192	10.3	37.3	215	7.7			
205							22.8	181	9.8	34.6	208	7.3			
210										31.7	200	6.9			
215										28.5	191	6.5			
220										24.9	181	6.1			
225										20.8	169	5.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	25.9						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	25.1						
120	57.5	278	27.7	59.5	281	27.4	64.5	286	23.5						
125	55.8	274	27.2	57.8	277	25.8	62.9	283	22.2						
130	53.9	271	25.7	56.0	274	24.4	61.2	281	20.9						
135	52.1	267	24.3	54.2	271	23.1	59.5	278	19.7						
140	50.1	263	23.0	52.3	267	21.8	57.7	274	18.6						
145	48.2	258	21.9	50.4	263	20.7	55.9	271	17.6						
150	46.1	253	20.8	48.4	258	19.7	54.1	268	16.7						
155	44.0	248	19.8	46.4	254	18.7	52.2	264	15.8						
159										57.0	267	11.6			
160	41.8	243	18.8	44.3	249	17.8	50.3	260	15.0	56.9	267	11.6			
165	39.5	237	17.9	42.1	243	16.9	48.4	255	14.2	55.1	263	11.0			
170	37.1	230	17.1	39.8	237	16.1	46.3	251	13.5	53.3	259	10.3			
175	34.5	223	16.3	37.4	231	15.3	44.2	245	12.8	51.4	255	9.8			
180	31.8	216	15.5	34.9	224	14.6	42.0	240	12.2	49.4	251	9.2			
185	28.8	207	14.8	32.1	216	13.9	39.7	234	11.6	47.4	247	8.7			
190	25.5	197	14.1	29.2	207	13.3	37.3	228	11.0	45.4	242	8.2			
195	21.7	185	13.5	25.9	198	12.7	34.8	221	10.5	43.2	237	7.8			
200	17.0	170	12.9	22.2	186	12.1	32.0	213	10.0	41.0	231	7.3			
205				17.7	172	11.5	29.1	204	9.5	38.7	225	6.9			
210							25.8	194	9.0	36.2	218	6.5			
215							22.0	183	8.5	33.6	211	6.1			
220										30.7	203	5.8			
225										27.6	193	5.4			
230										24.2	183	5.1			
235										20.1	170	4.7			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
120	59.3	289	24.4	61.1	292	25.1	67.0	298	24.3						
125	57.6	286	24.1	59.5	289	24.7	65.8	297	23.2						
130	55.9	283	23.8	57.9	286	24.1	64.3	294	21.8						
135	54.2	279	23.5	56.2	283	22.7	62.7	292	20.5						
140	52.4	275	22.8	54.4	279	21.5	61.1	289	19.3						
145	50.6	271	21.6	52.7	275	20.4	59.5	286	18.2						
150	48.8	267	20.5	50.9	271	19.3	57.8	283	17.2						
155	46.8	262	19.5	49.0	267	18.4	56.1	280	16.3						
160	44.9	257	18.5	47.1	262	17.4	54.4	276	15.4						
164							52.6	272	14.6	57.0	275	10.6			
165	42.8	252	17.6	45.1	257	16.6									
170	40.7	246	16.8	43.1	252	15.8	50.8	268	13.9	57.0	275	10.5			
175	38.4	240	16.0	40.9	247	15.0	48.9	264	13.1	55.3	272	9.9			
180	36.1	233	15.2	38.7	240	14.3	47.0	259	12.5	53.6	268	9.4			
185	33.6	226	14.5	36.4	234	13.6	45.1	254	11.8	51.8	264	8.8			
190	30.9	218	13.9	33.9	227	13.0	43.0	249	11.2	50.0	260	8.3			
195	27.9	209	13.2	31.2	218	12.4	40.9	243	10.7	48.1	255	7.8			
200	24.7	198	12.6	28.3	210	11.8	38.6	237	10.1	46.1	251	7.4			
205	21.0	186	12.0	25.1	199	11.3	36.3	231	9.6	44.1	246	7.0			
210				21.5	187	10.7	33.8	223	9.1	42.0	240	6.5			
215				17.1	173	10.2	31.1	215	8.7	39.9	234	6.1			
220							28.2	206	8.2	37.6	228	5.8			
225							25.0	196	7.8	35.2	221	5.4			
230							21.4	184	7.4	32.6	213	5.1			
235										29.9	205	4.7			
240										26.8	195	4.4			
245										23.4	184	4.1			
										19.5	171	3.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbony counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 66 ft luffing jib 114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	155.5												
39				75.0	187	130.6									
40	68.4	185	132.2	74.1	187	126.9									
45	63.5	183	112.2	69.5	185	107.9									
50	58.4	180	97.3	64.7	183	93.6									
55	53.0	176	85.7	59.6	180	82.4									
60	47.2	172	76.5	54.3	177	73.6									
64							67.0	181	60.7						
65	40.7	166	68.9	48.6	172	66.3	65.8	180	59.2						
70	33.0	159	62.6	42.2	167	60.2	60.8	178	53.8						
75	23.2	149	57.2	34.9	160	55.1	55.6	174	49.2						
80				25.8	151	50.6	50.0	170	45.3						
85							43.8	165	41.9						
90							36.8	159	38.9						
93										57.0	168	31.2			
95										56.2	168	30.9			
100										50.6	164	28.9			
105										44.5	159	27.0			
110										37.5	153	25.4			
115										29.2	145	23.8			
143													37.0	129	11.4
145													35.4	127	11.2
150													26.4	118	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	153.6												
40	71.3	196	130.8												
42				75.0	197	119.6									
45	67.2	194	112.1	72.3	196	107.6									
50	63.0	192	97.1	68.2	194	93.3									
55	58.6	189	85.6	64.0	192	82.2									
60	53.9	185	76.4	59.6	189	73.3									
65	49.0	181	68.8	55.0	185	66.1									
68							67.0	190	55.9						
70	43.5	176	62.6	50.1	181	60.1	65.0	189	53.4						
75	37.5	169	57.2	44.8	176	55.0	60.7	186	48.9						
80	30.4	162	52.6	39.0	170	50.6	56.1	183	45.0						
85	21.1	150	48.6	32.2	163	46.8	51.3	179	41.6						
90				23.6	153	43.4	46.1	174	38.6						
95							40.4	169	36.0						
98										57.0	177	28.6			
100							33.9	162	33.6	56.6	176	28.5			
105							27.9	155	31.6	51.8	172	26.7			
110										46.7	168	25.0			
115										41.0	162	23.6			
120										34.6	156	22.2			
125										26.8	147	20.9			
151													37.0	135	10.0
155													32.6	130	9.6
160													24.1	120	9.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	129.2												
44				75.0	206	110.1									
45	70.0	205	111.9	74.4	206	107.3									
50	66.4	203	96.9	70.8	205	93.0									
55	62.6	200	85.4	67.2	202	81.9									
60	58.7	197	76.2	63.5	200	73.1									
65	54.6	194	68.7	59.6	197	65.9									
70	50.3	189	62.4	55.6	194	59.9									
72							67.0	199	51.6						
75	45.6	185	57.1	51.3	190	54.8	64.4	197	48.5						
80	40.6	179	52.6	46.7	185	50.4	60.5	195	44.6						
85	34.9	172	48.6	41.8	180	46.6	56.5	191	41.2						
90	28.2	164	45.1	36.3	173	43.3	52.3	188	38.3						
95	19.4	152	42.0	29.9	165	40.3	47.8	183	35.7						
100				21.8	154	37.7	43.0	178	33.4						
104										57.0	185	26.3			
105										56.9	185	26.2			
110							39.0	173	31.3	52.8	181	24.6			
115							33.0	166	29.4	52.8	181	24.6			
120							25.9	157	27.7	48.3	177	23.2			
125										43.5	172	21.9			
130										38.2	166	20.6			
135										32.2	158	19.5			
159										24.8	148	18.4			
160													37.0	141	8.7
165													36.6	140	8.7
170													30.3	132	8.2
													22.3	121	7.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>95 ft luffing jib</b> <b>114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	111.4												
47				75.0	216	101.9									
50	69.0	213	96.8	72.9	215	92.9									
55	65.7	211	85.3	69.7	213	81.8									
60	62.3	208	76.1	66.4	211	72.9									
65	58.8	205	68.6	63.1	208	65.7									
70	55.1	202	62.3	59.6	206	59.7									
75	51.3	198	57.0	56.0	202	54.6									
75							67.0	208	48.0						
80	47.2	194	52.5	52.2	199	50.3	63.9	206	44.4						
85	42.9	188	48.5	48.2	194	46.5	60.4	203	41.0						
90	38.1	182	45.1	43.9	189	43.2	56.8	200	38.1						
95	32.8	175	42.0	39.3	183	40.3	53.1	196	35.5						
100	26.4	166	39.3	34.1	176	37.7	49.2	192	33.2						
105				28.0	167	35.3	46.0	188	31.2						
109										57.0	193	24.6			
110				20.2	156	33.1	41.5	183	29.3	57.0	193	24.3			
115							36.6	176	27.6	53.5	190	23.0			
120							31.0	169	26.0	49.6	185	21.6			
125							24.2	158	24.6	45.4	181	20.4			
130										40.9	175	19.3			
135										35.9	169	18.3			
140										30.2	160	17.3			
145										23.1	150	16.4			
166													37.0	146	7.7
170													34.4	143	7.5
175													28.4	134	7.1
180													20.7	123	6.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.1												
49				75.0	226	94.5									
50	71.0	224	96.6	74.6	225	92.6									
55	68.1	222	85.0	71.7	224	81.5									
60	65.1	220	75.8	68.8	222	72.6									
65	62.0	217	68.3	65.8	220	65.4									
70	58.8	214	62.1	62.7	217	59.4									
75	55.5	211	56.8	59.6	214	54.4									
79							67.0	217	44.6						
80	52.1	207	52.3	56.3	211	50.0	66.5	217	44.0						
85	48.5	202	48.3	52.9	207	46.2	63.5	214	40.7						
90	44.7	198	44.9	49.4	203	43.0	60.3	212	37.7						
95	40.5	192	41.9	45.6	198	40.0	57.1	208	35.1						
100	36.0	185	39.2	41.5	193	37.4	54.5	206	32.9						
105	30.9	177	36.7	37.1	186	35.1	51.0	202	30.9						
110	24.8	167	34.5	33.4	181	33.0	47.4	197	29.0						
115										57.0	201	22.6			
115				27.8	172	31.2	43.5	192	27.3	57.0	201	22.4			
120				20.9	160	29.4	39.2	186	25.8	54.1	198	21.2			
125							34.6	179	24.4	50.6	194	20.0			
130							29.2	171	23.0	46.9	190	18.9			
135							22.7	160	21.8	42.9	184	17.9			
140										38.7	178	17.0			
145										33.9	171	16.1			
150										28.4	163	15.3			
155										21.7	151	14.5			
174													37.0	152	6.7
175													37.0	152	6.6
180													32.5	145	6.2
185													26.7	136	5.9
190													19.4	124	5.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	96.3												
52				75.0	235	88.0									
55	70.1	232	84.8	73.3	234	81.1									
60	67.4	230	75.6	70.7	232	72.3									
65	64.6	228	68.1	68.0	230	65.1									
70	61.8	225	61.8	65.3	228	59.1									
75	58.9	222	56.5	62.5	225	54.1									
80	55.9	219	52.0	59.6	223	49.7									
83							67.0	226	41.5						
85	52.8	215	48.1	56.6	219	46.0	65.9	225	40.3						
90	49.5	211	44.7	53.5	216	42.7	63.1	223	37.3						
95	46.1	206	41.6	50.3	212	39.8	60.3	220	34.8						
100	42.5	201	38.9	46.9	207	37.2	58.0	218	32.6						
105	38.5	195	36.5	43.3	202	34.9	55.0	214	30.5						
110	34.2	188	34.3	40.4	197	32.9	51.8	210	28.7						
115	30.5	182	32.4	36.3	191	31.0	48.5	206	27.0						
120										57.0	210	20.8			
120	25.0	172	30.6	31.7	183	29.2	45.0	201	25.4	57.0	210	20.6			
125				26.3	174	27.6	41.3	196	24.0	54.6	207	19.6			
130				19.7	161	26.1	37.3	189	22.8	51.4	203	18.5			
135							32.8	182	21.6	48.1	198	17.5			
140							27.7	173	20.4	44.6	193	16.6			
145							21.4	161	19.4	40.8	188	15.7			
150										36.7	181	14.9			
155										32.2	174	14.2			
160										26.9	165	13.4			
165										20.5	153	12.7			
182													37.0	158	5.6
185													35.5	156	5.4
190													30.8	148	5.1
195													25.3	138	4.7
200													18.2	125	4.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	82.3									
55	71.7	243	84.6	74.7	244	80.9									
60	69.3	241	75.4	72.3	243	72.1									
65	66.8	239	67.9	69.8	241	64.9									
70	64.2	237	61.6	67.3	239	58.9									
75	61.6	234	56.4	64.8	237	53.8									
80	58.9	231	51.8	62.2	234	49.5									
85	56.2	228	47.9	59.6	231	45.8									
87							67.0	235	38.9						
90	53.3	224	44.5	56.8	228	42.5	65.4	234	37.1						
95	50.4	220	41.5	54.0	224	39.6	62.8	231	34.5						
100	47.3	215	38.8	51.1	220	37.0	60.8	229	32.3						
105	44.0	210	36.4	48.0	216	34.7	58.1	226	30.3						
110	40.5	205	34.2	45.5	212	32.7	55.3	223	28.4						
115	37.7	200	31.4	42.2	207	30.8	52.5	219	26.8						
120	33.6	192	30.5	38.5	201	29.1	49.5	215	25.2						
125	29.1	184	28.9	34.6	194	27.5	46.3	210	23.8						
125										57.0	218	19.0			
130	23.7	173	27.3	30.2	185	26.0	43.0	205	22.6	55.0	215	18.3			
135				25.0	175	24.7	39.4	199	21.4	52.1	211	17.3			
140				18.6	162	23.4	35.6	192	20.3	49.1	207	16.4			
145							31.3	184	19.2	45.9	202	15.5			
150							26.3	175	18.3	42.5	197	14.7			
155							20.3	163	17.4	38.9	191	13.9			
160										35.0	184	13.2			
165										30.7	176	12.6			
170										25.6	166	11.9			
175										19.4	154	11.3			
190													37.0	164	4.8
195													33.9	159	4.5
200													29.3	150	4.2
205													24.0	140	3.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.1	73.6	253	71.8									
65	68.6	250	67.6	71.4	251	64.6									
70	66.2	247	61.4	69.1	250	58.6									
75	63.9	245	56.1	66.8	247	53.5									
80	61.5	242	51.6	64.4	245	49.2									
85	59.0	239	47.7	62.0	242	45.5									
90	56.4	236	44.2	59.6	240	42.2									
91							67.0	244	36.3						
95	53.8	233	41.2	57.0	236	39.3	65.0	242	34.1						
100	51.1	229	38.5	54.4	233	36.7	63.1	241	31.9						
105	48.3	224	36.1	51.7	229	34.4	60.7	238	29.9						
110	45.3	219	34.0	49.6	226	32.4	58.2	235	28.1						
115	42.9	215	30.3	46.7	221	30.5	55.6	231	26.4						
120	39.6	209	29.4	43.6	216	28.8	53.0	228	24.9						
125	36.1	203	28.6	40.4	210	27.2	50.2	224	23.5						
130	32.2	195	27.1	36.9	204	25.8	47.4	219	22.2						
131										57.0	226	17.5			
135	27.8	186	25.7	33.1	196	24.5	44.4	214	21.0	55.3	224	16.9			
140	22.6	175	24.4	28.9	188	23.2	41.2	208	20.0	52.6	220	15.9			
145				23.9	177	22.1	37.7	202	18.9	49.9	216	15.1			
150				17.6	163	21.0	34.0	195	18.0	47.0	211	14.3			
155							29.9	187	17.1	44.0	206	13.6			
160							25.1	177	16.3	40.7	201	12.9			
165							19.3	164	15.5	37.3	194	12.2			
170										33.5	187	11.6			
175										29.3	178	11.0			
180										24.5	168	10.4			
185										18.4	155	9.9			
198													37.0	170	3.8
200													36.3	169	3.8
205													32.4	161	3.5
210													28.0	152	3.2
215													22.9	141	2.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	64.3									
70	68.0	258	61.1	70.6	260	58.3									
75	65.8	256	55.8	68.5	258	53.2									
80	63.6	254	51.3	66.3	256	48.9									
85	61.3	251	47.4	64.1	254	45.1									
90	59.0	248	44.0	61.8	251	41.9									
95							67.0	254	33.9						
95	56.6	245	40.9	59.5	248	39.0	66.8	253	33.7						
100	54.2	241	38.3	57.2	245	36.4	65.1	252	31.5						
105	51.7	237	35.9	54.8	241	34.1	62.9	249	29.5						
110	49.1	233	33.7	52.9	238	32.1	60.6	246	27.7						
115	47.0	229	29.3	50.3	234	30.2	58.3	243	26.0						
120	44.2	224	28.0	47.6	230	28.5	55.9	240	24.5						
125	41.2	219	26.8	44.9	225	27.0	53.5	236	23.1						
130	38.0	213	25.7	41.9	219	25.5	50.9	232	21.9						
135	34.6	205	24.8	38.8	213	24.2	48.3	228	20.7						
136										57.0	234	16.0			
140	30.9	197	24.2	35.4	207	23.0	45.5	223	19.6	55.6	232	15.5			
145	26.6	188	23.0	31.8	199	21.8	42.6	218	18.6	53.1	229	14.7			
150	21.6	176	21.9	27.7	190	20.8	39.5	212	17.7	50.6	225	13.9			
155				22.9	179	19.7	36.3	205	16.8	47.9	220	13.2			
160				16.7	164	18.8	32.7	198	16.0	45.2	215	12.5			
165							28.7	189	15.2	42.2	210	11.8			
170							24.1	178	14.5	39.1	204	11.2			
175							18.4	165	13.8	35.8	197	10.7			
180										32.2	190	10.1			
185										28.1	181	9.6			
190										23.4	170	9.1			
206													37.0	176	3.0
210													34.8	172	2.8
215													31.1	164	2.5
220													26.9	154	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.6	69.9	269	53.0									
80	65.4	265	51.1	67.9	267	48.6									
85	63.3	262	47.2	65.9	264	44.9									
90	61.2	259	43.7	63.8	262	41.6									
95	59.0	256	40.7	61.7	259	38.7									
98							67.0	263	31.5						
100	56.8	253	38.0	59.5	256	36.2	66.8	262	31.3						
105	54.6	250	35.6	57.3	253	33.9	64.8	260	29.2						
110	52.2	246	33.5	55.6	251	31.9	62.7	258	27.4						
115	50.4	243	31.5	53.3	247	30.0	60.6	255	25.8						
120	47.9	238	29.8	50.9	243	28.3	58.4	252	24.2						
125	45.3	233	28.1	48.5	239	26.7	56.2	248	22.9						
130	42.6	228	26.6	45.9	234	25.3	53.9	245	21.6						
135	39.7	222	25.3	43.2	229	24.0	51.5	241	20.4						
140	36.6	216	24.0	40.4	223	22.8	49.1	237	19.4						
141										57.0	243	14.8			
145	33.3	208	22.8	37.4	217	21.6	46.5	232	18.4	55.9	241	14.4			
150	29.7	200	21.7	34.1	209	20.6	43.9	227	17.4	53.6	237	13.6			
155	25.6	190	20.7	30.6	201	19.6	41.1	221	16.6	51.2	233	12.9			
160	20.7	178	19.7	26.6	192	18.6	38.1	215	15.8	48.7	229	12.2			
165				21.9	180	17.8	34.9	208	15.0	46.2	224	11.6			
170				15.9	165	16.9	31.4	200	14.3	43.5	219	11.0			
175							27.6	191	13.6	40.7	213	10.4			
180							23.1	180	12.9	37.7	207	9.9			
185										34.5	200	9.4			
190										31.0	192	8.9			
195										27.0	183	8.4			
200										22.4	171	8.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	48.3									
85	65.0	273	46.9	67.4	275	44.6									
90	63.1	271	43.5	65.5	273	41.3									
95	61.1	268	40.4	63.5	271	38.4									
100	59.1	265	37.8	61.6	268	35.8									
102							67.0	272	29.5						
105	57.0	262	35.4	59.5	265	33.6	66.4	271	28.9						
110	54.9	258	33.2	58.0	263	31.6	64.5	269	27.0						
115	53.2	255	31.3	55.9	259	29.7	62.5	266	25.4						
120	51.0	251	29.5	53.7	256	28.0	60.5	263	23.9						
125	48.6	247	27.9	51.5	252	26.4	58.4	260	22.5						
130	46.2	242	26.4	49.2	247	25.0	56.4	257	21.2						
135	43.7	237	25.0	46.8	243	23.7	54.2	253	20.1						
140	41.1	231	23.8	44.3	238	22.5	52.0	249	19.0						
145	38.3	225	22.6	41.7	232	21.3	49.7	245	18.0						
147										57.0	251	13.5			
150	35.4	218	21.5	39.0	226	20.3	47.4	241	17.1	56.1	249	13.2			
155	32.2	211	20.5	36.1	219	19.3	44.9	236	16.2	53.9	246	12.5			
160	28.6	202	19.5	32.9	212	18.4	42.4	230	15.4	51.7	242	11.8			
165	24.6	192	18.6	29.5	204	17.5	39.6	225	14.7	49.4	238	11.2			
170	19.9	179	17.7	25.6	194	16.7	36.8	218	14.0	47.1	233	10.6			
175				21.1	182	15.9	33.7	211	13.3	44.6	228	10.0			
180							30.3	202	12.6	42.0	223	9.5			
185							26.6	193	12.0	39.3	217	9.0			
190							22.2	182	11.4	36.4	210	8.5			
195										33.3	203	8.1			
200										29.9	194	7.6			
205										26.0	185	7.2			
210										21.6	173	6.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	41.0									
95	62.9	279	40.1	65.2	282	38.1									
100	61.0	276	37.5	63.3	279	35.5									
105	59.1	273	35.1	61.4	276	33.2									
106							67.0	281	27.6						
110	57.6	271	32.2	60.0	274	31.3	66.0	279	26.6						
115	55.6	268	31.0	58.0	271	29.4	64.2	277	25.0						
120	53.6	264	29.3	56.1	268	27.7	62.3	274	23.5						
125	51.5	260	27.6	54.0	264	26.1	60.4	272	22.1						
130	49.3	256	26.1	52.0	260	24.7	58.5	269	20.9						
135	47.1	251	24.8	49.8	256	23.4	56.5	265	19.7						
140	44.7	246	23.5	47.6	252	22.2	54.5	262	18.6						
145	42.3	241	22.3	45.3	247	21.0	52.5	258	17.7						
150	39.8	235	21.2	42.9	241	20.0	50.3	254	16.7						
152										57.0	259	12.3			
155	37.1	228	20.2	40.4	236	19.0	48.1	250	15.9	56.3	258	12.1			
160	34.2	221	19.2	37.7	229	18.1	45.8	245	15.1	54.3	254	11.4			
165	31.1	213	18.3	34.9	222	17.2	43.5	240	14.3	52.2	250	10.8			
170	27.7	204	17.5	31.8	215	16.4	41.0	234	13.6	50.0	246	10.2			
175	23.8	193	16.7	28.5	206	15.7	38.4	228	12.9	47.8	242	9.6			
180	19.1	180	15.9	24.7	195	14.9	35.6	221	12.3	45.5	237	9.1			
185				20.3	183	14.2	32.6	213	11.7	43.1	232	8.6			
190							29.3	205	11.2	40.6	226	8.1			
195							25.6	195	10.6	38.0	220	7.7			
200							21.4	183	10.1	35.2	213	7.3			
205										32.2	205	6.8			
210										28.9	196	6.5			
215										25.1	186	6.1			
220										20.8	174	5.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	35.3									
105	60.9	285	34.8	63.5	288	33.0									
110							67.0	290	26.3						
110	59.5	283	32.0	61.8	285	31.0	67.0	290	26.0						
115	57.7	279	30.8	60.0	283	29.1	65.7	288	24.7						
120	55.8	276	29.0	58.1	280	27.4	63.9	286	23.2						
125	53.9	272	27.4	56.3	276	25.9	62.2	283	21.9						
130	51.9	269	25.9	54.3	273	24.5	60.4	280	20.6						
135	49.9	264	24.5	52.4	269	23.1	58.6	277	19.4						
140	47.8	260	23.3	50.4	265	21.9	56.7	274	18.4						
145	45.6	255	22.1	48.3	260	20.8	54.8	270	17.4						
150	43.4	250	21.0	46.1	256	19.8	52.8	267	16.5						
155	41.0	244	20.0	43.9	251	18.8	50.8	263	15.6						
157										57.0	267	11.3			
160	38.6	238	19.0	41.6	245	17.9	48.8	258	14.8	56.5	266	11.1			
165	35.9	231	18.1	39.1	239	17.0	46.7	254	14.1	54.5	263	10.5			
170	33.1	224	17.3	36.6	232	16.2	44.4	249	13.4	52.6	259	9.9			
175	30.1	216	16.5	33.8	225	15.5	42.1	243	12.7	50.6	255	9.3			
180	26.8	206	15.7	30.8	217	14.7	39.7	237	12.1	48.5	251	8.8			
185	23.0	195	15.0	27.6	208	14.1	37.2	231	11.5	46.4	246	8.3			
190	18.4	181	14.3	23.9	197	13.4	34.5	224	10.9	44.1	241	7.9			
195				19.5	184	12.8	31.6	216	10.4	41.8	235	7.4			
200							28.4	207	9.9	39.4	229	7.0			
205							24.8	197	9.4	36.8	223	6.6			
210							20.6	184	8.9	34.1	216	6.2			
215										31.2	208	5.8			
220										27.9	199	5.5			
225										24.3	188	5.1			
230										20.0	175	4.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	24.3						
115	59.5	291	28.2	61.6	294	28.8	67.0	299	24.3						
120	57.8	288	27.7	59.9	291	27.1	65.4	297	22.8						
125	56.0	285	27.1	58.2	288	25.6	63.7	294	21.5						
130	54.2	281	25.6	56.4	285	24.1	62.0	291	20.2						
135	52.3	277	24.2	54.6	281	22.8	60.3	289	19.1						
140	50.4	273	23.0	52.8	277	21.6	58.6	286	18.0						
145	48.4	269	21.8	50.9	273	20.5	56.8	282	17.0						
150	46.4	264	20.7	48.9	269	19.5	55.0	279	16.1						
155	44.3	259	19.7	46.9	264	18.5	53.2	275	15.3						
160	42.1	253	18.7	44.8	260	17.6	51.3	271	14.5						
163										57.0	276	10.2			
165	39.8	248	17.9	42.6	254	16.7	49.4	267	13.7	56.6	275	10.1			
170	37.4	241	17.0	40.4	248	15.9	47.4	262	13.0	54.8	271	9.5			
175	34.9	234	16.2	38.0	242	15.2	45.3	258	12.4	53.0	268	8.9			
180	32.2	226	15.5	35.5	235	14.5	43.2	252	11.7	51.1	264	8.4			
185	29.2	218	14.8	32.8	228	13.8	40.9	247	11.1	49.1	259	7.9			
190	25.9	208	14.1	29.9	219	13.1	38.6	241	10.6	47.1	255	7.5			
195	22.2	196	13.4	26.7	210	12.5	36.1	234	10.1	45.0	250	7.0			
200	17.7	182	12.8	23.1	199	11.9	33.5	226	9.5	42.9	245	6.6			
205				18.9	185	11.4	30.6	218	9.1	40.6	239	6.2			
210							27.5	209	8.6	38.3	233	5.8			
215							24.0	198	8.2	35.8	226	5.5			
220							20.0	186	7.7	33.1	218	5.1			
225										30.2	210	4.8			
230										27.1	201	4.5			
235										23.5	190	4.1			
240										19.4	177	3.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118							67.0	308	22.8						
120	59.5	299	24.4	61.5	302	24.9	66.6	307	22.4						
125	57.9	296	24.0	59.9	300	24.5	65.1	305	21.1						
130	56.2	293	23.7	58.3	296	23.8	63.5	303	19.8						
135	54.5	289	23.4	56.6	293	22.5	61.9	300	18.7						
140	52.7	286	22.7	54.9	290	21.3	60.3	297	17.6						
145	50.9	282	21.5	53.1	286	20.2	58.6	294	16.7						
150	49.0	277	20.4	51.3	282	19.1	57.0	291	15.7						
155	47.1	273	19.4	49.5	278	18.2	55.3	287	14.9						
160	45.1	268	18.5	47.6	273	17.3	53.5	284	14.1						
165	43.1	263	17.6	45.6	268	16.4	51.7	280	13.4						
168										57.0	284	9.2			
170	41.0	257	16.7	43.6	263	15.6	49.9	276	12.7	56.7	283	9.1			
175	38.7	251	15.9	41.5	258	14.9	48.0	271	12.0	55.0	280	8.5			
180	36.4	244	15.2	39.3	252	14.2	46.1	266	11.4	53.3	276	8.0			
185	33.9	237	14.5	36.9	245	13.5	44.1	261	10.8	51.5	272	7.5			
190	31.3	229	13.8	34.5	238	12.8	42.0	256	10.2	49.7	268	7.1			
195	28.4	220	13.2	31.9	230	12.2	39.8	250	9.7	47.8	264	6.6			
200	25.2	210	12.6	29.1	222	11.7	37.5	244	9.2	45.8	259	6.2			
205	21.5	198	12.0	25.9	212	11.1	35.1	237	8.7	43.8	254	5.8			
210				22.4	200	10.6	32.5	229	8.3	41.7	248	5.5			
215				18.2	186	10.1	29.7	221	7.8	39.5	242	5.1			
220							26.7	211	7.4	37.2	236	4.7			
225							23.3	200	7.0	34.8	229	4.4			
230							19.3	187	6.6	32.2	221	4.1			
235										29.4	212	3.8			
240										26.3	203	3.5			
245										22.8	191	3.2			
250										18.7	178	2.9			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 66 ft luffing jib 123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	153.2												
40	69.0	195	130.5												
40				75.0	196	124.2									
45	64.1	192	111.9	70.5	195	107.2									
50	59.1	189	97.0	65.7	192	93.0									
55	53.7	186	85.5	60.8	190	81.9									
60	47.9	181	76.3	55.5	186	73.1									
65	41.5	176	68.7	49.9	182	65.9									
66							67.0	190	57.0						
70	34.1	169	62.4	43.7	177	59.9	63.2	188	52.9						
75	24.6	159	57.1	36.6	171	54.8	58.0	185	48.4						
80				28.0	162	50.3	52.6	181	44.5						
85				18.9	153	33.0	46.7	176	41.2						
90							40.1	171	38.2						
95							32.4	163	35.6						
97										57.0	176	28.6			
100							22.2	153	33.2	54.8	175	27.8			
105										49.1	171	26.1			
110										42.8	166	24.5			
115										35.6	159	23.0			
120										26.7	150	21.6			
149													37.0	135	9.6
150													37.0	135	9.5
155													28.9	127	8.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	151.3												
40	71.8	205	129.0												
43				75.0	206	114.0									
45	67.8	203	111.7	73.1	205	107.0									
50	63.5	201	96.9	69.1	203	92.7									
55	59.1	198	85.4	64.9	201	81.7									
60	54.5	194	76.2	60.6	198	72.9									
65	49.6	190	68.6	56.0	195	65.7									
70							67.0	199	52.6						
70	44.2	185	62.4	51.2	191	59.7	66.9	199	52.5						
75	38.3	179	57.1	46.0	186	54.6	62.7	196	48.0						
80	31.4	172	52.5	40.3	181	50.3	58.2	193	44.2						
85	22.5	161	48.5	33.7	174	46.5	53.6	189	40.9						
90				25.7	164	43.1	48.6	185	37.9						
95				17.0	153	33.0	43.1	180	35.3						
100							38.5	175	33.0						
102										57.0	185	26.2			
105										55.4	183	25.7			
110							31.6	168	31.0	50.6	179	24.1			
115							22.8	157	29.1	45.3	175	22.7			
120										39.5	169	21.4			
125										32.8	162	20.2			
130										24.4	152	19.0			
157													37.0	141	8.2
160													34.4	138	8.0
165													26.5	129	7.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>85 ft luffing jib</b> <b>123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	127.4												
45	70.5	214	111.0												
45				75.0	215	105.2									
50	66.8	212	96.7	71.6	214	92.4									
55	63.1	209	85.1	68.0	212	81.4									
60	59.2	206	76.0	64.3	209	72.6									
65	55.1	203	68.5	60.5	207	65.4									
70	50.8	199	62.2	56.4	203	59.5									
74							67.0	208	48.6						
75	46.2	194	56.9	52.2	200	54.4	66.1	207	47.6						
80	41.2	189	52.4	47.8	195	50.1	62.3	205	43.8						
85	35.7	182	48.5	42.9	190	46.3	58.4	202	40.5						
90	29.1	174	45.0	37.5	184	43.0	54.3	198	37.6						
95	20.7	162	41.9	31.4	176	40.1	49.9	194	35.0						
100				23.8	166	37.4	46.4	190	32.8						
105							41.4	185	30.8						
108										57.0	193	24.1			
110							35.9	178	28.9	55.9	192	23.7			
115							29.4	170	27.2	51.7	188	22.3			
120							21.0	159	25.6	47.2	184	21.0			
125										42.2	178	19.8			
130										36.8	172	18.7			
135										30.5	164	17.7			
140										22.6	153	16.7			
165													37.0	147	7.1
165													37.0	147	7.1
170													32.0	141	6.7
175													24.6	131	6.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>95 ft luffing jib</b> <b>123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	109.9												
48				75.0	225	97.7									
50	69.4	222	96.5	73.6	224	92.2									
55	66.1	220	85.0	70.4	222	81.2									
60	62.7	218	75.8	67.1	220	72.4									
65	59.2	215	68.4	63.8	218	65.3									
70	55.6	211	62.1	60.4	215	59.3									
75	51.8	207	56.8	56.8	212	54.3									
78							67.0	217	45.3						
80	47.8	203	52.3	53.0	208	49.9	65.4	216	43.6						
85	43.4	198	48.4	49.1	204	46.2	62.0	213	40.3						
90	38.7	192	45.0	44.9	199	42.9	58.5	210	37.4						
95	33.5	185	41.9	40.3	193	40.0	54.8	207	34.8						
100	27.3	176	39.2	35.2	187	37.4	51.9	204	32.6						
105				29.4	178	35.1	47.9	199	30.6						
110				24.0	170	33.0	43.6	194	28.8						
113										57.0	201	22.3			
115							38.9	188	27.1	56.3	200	22.0			
120							33.7	181	25.5	52.5	197	20.8			
125							27.5	172	24.1	48.6	192	19.6			
130							19.5	160	22.8	44.3	187	18.5			
135										39.7	182	17.5			
140										34.5	175	16.6			
145										28.6	166	15.7			
150										21.0	155	14.9			
173													37.0	153	6.2
175													35.8	151	6.1
180													30.0	143	5.7
185													22.9	132	5.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	96.2												
50				75.0	234	90.8									
55	68.5	231	84.8	72.3	233	80.9									
60	65.5	229	75.6	69.4	231	72.1									
65	62.4	226	68.1	66.4	229	65.0									
70	59.2	223	61.9	63.4	226	59.0									
75	56.0	220	56.6	60.3	224	54.0									
80	52.5	216	52.1	57.0	220	49.7									
82							67.0	226	42.1						
85	49.0	212	48.2	53.7	217	45.9	64.9	224	39.9						
90	45.2	207	44.8	50.1	213	42.6	61.8	222	37.0						
95	41.1	201	41.7	46.4	208	39.8	58.6	219	34.5						
100	36.6	195	39.0	42.4	203	37.2	56.1	216	32.3						
105	31.6	187	36.6	38.1	197	34.9	52.7	212	30.2						
110	25.7	178	34.4	34.5	191	32.9	49.1	208	28.4						
115				29.1	183	30.9	45.3	203	26.8						
118										57.0	209	20.5			
120				22.6	172	29.2	41.2	198	25.2	56.6	209	20.3			
125							36.8	191	23.9	53.2	205	19.2			
130							31.8	184	22.6	49.7	201	18.1			
135							25.9	174	21.4	45.9	196	17.1			
140							18.2	161	20.2	41.9	191	16.2			
145										37.5	185	15.4			
150										32.6	177	14.6			
155										26.9	168	13.8			
160										19.7	156	13.1			
181													37.0	159	5.2
185													33.8	154	4.9
190													28.3	145	4.6
195													21.5	134	4.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	84.7									
55	70.4	242	84.5	73.9	243	80.6									
60	67.7	240	75.3	71.3	241	71.8									
65	65.0	237	67.9	68.6	240	64.6									
70	62.1	235	61.6	65.9	237	58.7									
75	59.3	232	56.4	63.1	235	53.7									
80	56.3	228	51.9	60.2	232	49.4									
85	53.2	225	47.9	57.2	229	45.6									
85							67.0	235	39.3						
90	49.9	221	44.5	54.2	225	42.4	64.4	233	36.6						
95	46.5	216	41.5	51.0	221	39.5	61.6	230	34.1						
100	42.9	211	38.8	47.7	217	36.9	59.4	228	31.9						
105	39.0	205	36.4	44.1	212	34.6	56.4	224	29.9						
110	34.8	198	34.2	41.2	208	32.6	53.3	221	28.1						
115	31.1	192	30.7	37.2	201	30.7	50.0	217	26.4						
120	25.7	182	29.5	32.7	194	29.0	46.7	212	24.9						
124										57.0	218	18.8			
125				27.6	185	27.4	43.0	207	23.5	56.9	217	18.7			
130				21.3	173	25.9	39.2	201	22.3	53.8	214	17.7			
135							34.9	194	21.1	50.6	210	16.7			
140							30.1	186	20.0	47.2	205	15.8			
145							24.5	176	19.0	43.6	200	15.0			
150							17.1	162	18.0	39.8	194	14.2			
155										35.6	188	13.5			
160										30.9	180	12.8			
165										25.5	170	12.1			
170										18.5	157	11.5			
188													37.0	165	4.2
190													36.6	164	4.2
195													32.0	156	3.9
200													26.8	147	3.6
205													20.3	135	3.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
				75.0	253	79.4									
60	69.6	250	75.2	72.8	252	71.6									
65	67.1	248	67.7	70.4	250	64.4									
70	64.5	246	61.4	67.9	248	58.5									
75	61.9	243	56.2	65.4	246	53.5									
80	59.3	240	51.7	62.8	243	49.1									
85	56.5	237	47.8	60.1	240	45.4									
89							67.0	244	36.8						
90	53.7	233	44.3	57.4	237	42.2	66.6	244	36.3						
95	50.7	229	41.3	54.6	234	39.3	64.0	241	33.8						
100	47.7	225	38.7	51.7	230	36.7	62.0	239	31.6						
105	44.4	220	36.3	48.7	226	34.4	59.4	236	29.6						
110	41.0	214	34.1	46.2	222	32.4	56.6	233	27.8						
115	38.1	209	29.9	42.9	217	30.6	53.8	229	26.2						
120	34.1	202	29.1	39.3	211	28.8	50.8	225	24.7						
125	29.7	194	27.9	35.5	204	27.3	47.8	221	23.3						
129										57.0	226	17.6			
130	24.4	184	26.6	31.2	196	25.8	44.5	216	22.1	57.0	226	17.4			
135				26.2	187	24.5	41.1	210	20.9	54.2	222	16.5			
140				20.2	174	23.2	37.4	204	19.8	51.3	218	15.6			
145							33.3	197	18.8	48.3	214	14.7			
150							28.7	188	17.9	45.1	209	14.0			
155							23.3	177	17.0	41.6	204	13.3			
160										38.0	198	12.6			
165										34.0	190	11.9			
170										29.5	182	11.3			
175										24.2	172	10.7			
180										17.4	158	10.2			
196													37.0	171	3.5
200													34.9	167	3.3
205													30.5	159	3.0
210													25.5	149	2.8
215													19.2	136	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	71.3									
65	68.8	259	67.4	71.9	261	64.1									
70	66.5	257	61.2	69.6	259	58.2									
75	64.2	254	55.9	67.3	257	53.1									
80	61.8	252	51.4	64.9	254	48.8									
85	59.3	249	47.5	62.5	252	45.1									
90	56.7	245	44.1	60.1	249	41.8									
93							67.0	253	34.4						
95	54.1	242	41.1	57.6	246	39.0	66.1	252	33.4						
100	51.4	238	38.4	55.0	242	36.4	64.2	250	31.2						
105	48.6	234	36.0	52.3	239	34.1	61.8	248	29.2						
110	45.7	229	33.8	50.2	235	32.1	59.4	245	27.4						
115	43.3	225	28.3	47.3	231	30.3	56.8	241	25.8						
120	40.0	219	27.1	44.3	226	28.6	54.2	238	24.3						
125	36.5	212	26.0	41.1	220	27.0	51.5	234	23.0						
130	32.7	205	25.2	37.7	214	25.6	48.7	230	21.7						
134										57.0	234	16.1			
135	28.4	196	24.4	34.0	207	24.3	45.8	225	20.6	57.0	234	15.9			
140	23.3	185	23.7	29.8	198	23.0	42.7	220	19.5	54.6	231	15.1			
145				25.0	188	21.9	39.3	214	18.5	52.0	227	14.3			
150				19.1	176	20.8	35.8	207	17.6	49.2	223	13.6			
155							31.9	199	16.7	46.2	218	12.9			
160							27.4	190	15.9	43.2	213	12.2			
165							22.2	179	15.1	39.9	207	11.6			
170										36.4	201	11.0			
175										32.5	193	10.4			
180										28.2	184	9.9			
185										23.1	173	9.4			
190										16.5	159	8.8			
204													37.0	176	2.6
205													37.0	176	2.5
210													33.4	169	2.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	63.5									
70	68.2	267	60.9	71.0	269	57.8									
75	66.1	265	55.6	68.9	267	52.8									
80	63.8	263	51.1	66.8	265	48.5									
85	61.6	260	47.2	64.6	263	44.8									
90	59.3	257	43.8	62.3	260	41.5									
95	56.9	254	40.8	60.0	257	38.7									
97							67.0	262	31.7						
100	54.5	250	38.1	57.7	254	36.1	66.1	261	30.8						
105	52.0	247	35.7	55.3	251	33.8	63.9	259	28.8						
110	49.4	242	33.6	53.4	248	31.8	61.7	256	27.0						
115	47.3	239	27.3	50.9	244	30.0	59.4	253	25.4						
120	44.5	234	25.9	48.2	240	28.3	57.0	250	23.9						
125	41.6	228	24.7	45.5	235	26.7	54.6	246	22.6						
130	38.4	222	23.5	42.6	230	25.3	52.1	243	21.3						
135	35.1	215	22.6	39.5	224	24.0	49.5	238	20.2						
140										57.0	242	14.7			
140	31.4	207	22.2	36.2	217	22.8	46.8	234	19.1	57.0	242	14.6			
145	27.2	198	21.8	32.6	209	21.6	44.0	229	18.2	55.0	239	13.9			
150	22.3	187	21.4	28.6	201	20.6	41.0	223	17.2	52.5	236	13.1			
155				24.0	190	19.6	37.8	217	16.4	49.9	232	12.4			
160				18.2	177	18.6	34.4	210	15.6	47.2	227	11.8			
165							30.6	202	14.8	44.4	222	11.2			
170							26.3	192	14.1	41.5	216	10.6			
175							21.2	180	13.4	38.3	210	10.0			
180										34.9	203	9.5			
185										31.2	195	9.0			
190										27.0	186	8.5			
195										22.1	175	8.1			
200										15.6	159	7.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	52.6									
80	65.6	274	50.9	68.3	276	48.3									
85	63.6	271	47.0	66.3	274	44.5									
90	61.5	269	43.6	64.2	271	41.3									
95	59.3	266	40.6	62.2	269	38.4									
100	57.1	262	37.9	60.0	266	35.9									
101							67.0	271	29.8						
105	54.8	259	35.5	57.8	263	33.6	65.7	270	28.6						
110	52.5	255	33.4	56.1	260	31.6	63.6	267	26.8						
115	50.7	252	28.3	53.8	257	29.8	61.5	265	25.2						
120	48.2	248	26.8	51.5	253	28.1	59.4	262	23.7						
125	45.6	243	25.3	49.0	248	26.5	57.2	258	22.3						
130	42.9	237	24.0	46.5	244	25.1	54.9	255	21.1						
135	40.1	232	22.7	43.8	239	23.8	52.6	251	19.9						
140	37.0	225	21.6	41.0	233	22.6	50.2	247	18.9						
145	33.8	218	20.9	38.0	227	21.4	47.7	243	17.9	57.0	251	13.4			
150	30.2	210	20.4	34.8	220	20.4	45.1	238	17.0	55.3	248	12.9			
155	26.1	200	20.0	31.4	212	19.4	42.4	232	16.1	53.0	244	12.2			
160	21.4	188	19.5	27.5	203	18.5	39.5	226	15.3	50.6	240	11.5			
165				23.0	192	17.6	36.4	220	14.6	48.1	236	10.9			
170				17.4	178	16.8	33.1	212	13.9	45.5	231	10.3			
175							29.4	204	13.2	42.8	226	9.8			
180							25.2	194	12.6	40.0	220	9.3			
185							20.3	181	12.0	36.9	213	8.8			
190										33.6	206	8.3			
195										30.0	198	7.9			
200										26.0	188	7.4			
205										21.1	176	7.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	47.9									
85	65.3	282	46.7	67.8	285	44.2									
90	63.3	280	43.3	65.9	282	41.0									
95	61.3	277	40.3	64.0	280	38.1									
100	59.3	274	37.6	62.0	277	35.5									
105							67.0	280	28.3						
105	57.2	271	35.2	60.0	274	33.3	67.0	280	27.9						
110	55.1	267	33.1	58.4	272	31.3	65.3	278	26.4						
115	53.5	265	28.7	56.3	269	29.4	63.4	276	24.8						
120	51.2	261	27.9	54.2	265	27.7	61.4	273	23.3						
125	48.9	256	26.4	52.0	261	26.2	59.4	270	21.9						
130	46.5	252	24.9	49.7	257	24.8	57.3	267	20.7						
135	44.1	247	23.5	47.3	253	23.5	55.2	264	19.6						
140	41.4	241	22.2	44.9	248	22.3	53.0	260	18.5						
145	38.7	235	21.1	42.3	242	21.1	50.8	256	17.5						
150	35.7	228	20.0	39.6	236	20.1	48.5	251	16.6						
150										57.0	259	12.2			
155	32.6	221	19.5	36.7	230	19.1	46.1	247	15.8	55.5	257	11.7			
160	29.1	212	19.0	33.6	222	18.2	43.5	242	15.0	53.4	253	11.1			
165	25.2	202	18.5	30.3	214	17.4	40.9	236	14.3	51.1	249	10.5			
170	20.5	190	17.6	26.5	205	16.5	38.1	230	13.6	48.8	245	9.9			
175				22.1	193	15.8	35.1	223	12.9	46.4	240	9.4			
180				16.7	178	15.0	31.9	215	12.3	44.0	235	8.9			
185							28.3	206	11.7	41.3	229	8.4			
190							24.3	196	11.1	38.6	223	7.9			
195							19.5	183	10.6	35.6	216	7.5			
200										32.4	209	7.1			
205										28.9	200	6.7			
210										25.0	190	6.3			
215										20.3	177	5.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	40.6									
95	63.1	288	40.0	65.5	291	37.8									
100	61.2	285	37.3	63.7	288	35.2									
105	59.3	283	34.9	62.3	286	33.0									
108							67.0	289	26.1						
110	57.8	280	31.1	60.4	284	31.0	66.8	289	26.0						
115	55.9	277	30.2	58.5	281	29.1	65.0	287	24.4						
120	53.8	273	29.1	56.5	277	27.4	63.2	284	22.9						
125	51.7	269	27.5	54.5	274	25.9	61.3	282	21.6						
130	49.6	265	26.0	52.4	270	24.5	59.4	279	20.3						
135	47.4	261	24.7	50.3	266	23.2	57.4	275	19.2						
140	45.0	256	23.4	48.1	261	22.0	55.5	272	18.2						
145	42.6	250	22.2	45.8	257	20.8	53.4	268	17.2						
150	40.1	244	21.1	43.4	251	19.8	51.3	264	16.3						
155	37.4	238	20.1	40.9	246	18.8	49.1	260	15.4						
156										57.0	267	11.1			
160	34.6	231	19.2	38.3	240	17.9	46.9	256	14.6	55.8	265	10.7			
165	31.5	223	18.3	35.5	233	17.1	44.6	251	13.9	53.7	261	10.1			
170	28.1	214	17.4	32.5	225	16.3	42.1	245	13.2	51.6	258	9.5			
175	24.3	204	16.6	29.2	216	15.5	39.6	239	12.6	49.5	253	9.0			
180	19.7	191	15.8	25.6	207	14.8	36.9	233	11.9	47.3	249	8.5			
185				21.3	195	14.1	34.0	225	11.4	44.9	244	8.0			
190				16.0	179	13.4	30.8	217	10.8	42.5	238	7.5			
195							27.4	208	10.3	40.0	233	7.1			
200							23.4	197	9.8	37.3	226	6.7			
205							18.7	184	9.3	34.5	219	6.3			
210										31.4	211	5.9			
215										28.0	202	5.6			
220										24.1	192	5.2			
225										19.5	179	4.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	35.0									
105	61.1	294	34.7	63.9	297	32.8									
110	59.8	292	31.5	62.1	295	30.7									
112							67.0	298	24.6						
115	57.9	289	30.7	60.3	292	28.9	66.4	298	24.1						
120	56.1	285	28.9	58.5	289	27.2	64.7	295	22.6						
125	54.1	282	27.3	56.7	286	25.6	63.0	293	21.3						
130	52.2	278	25.8	54.8	282	24.2	61.2	290	20.1						
135	50.1	274	24.4	52.8	278	22.9	59.4	287	18.9						
140	48.1	269	23.2	50.8	274	21.7	57.6	284	17.9						
145	45.9	265	22.0	48.7	270	20.6	55.7	281	16.9						
150	43.7	259	20.9	46.6	265	19.6	53.7	277	16.0						
155	41.3	254	19.9	44.4	260	18.6	51.8	273	15.2						
160	38.9	248	18.9	42.1	255	17.7	49.7	269	14.4						
161										57.0	275	10.1			
165	36.3	241	18.0	39.7	249	16.8	47.6	264	13.6	56.0	274	9.8			
170	33.5	234	17.2	37.1	243	16.0	45.5	260	13.0	54.1	270	9.2			
175	30.5	225	16.4	34.4	236	15.3	43.2	254	12.3	52.1	266	8.7			
180	27.2	216	15.7	31.5	228	14.6	40.8	249	11.7	50.1	262	8.2			
185	23.5	205	14.9	28.3	219	13.9	38.4	242	11.1	48.0	258	7.7			
190	19.0	192	14.3	24.7	208	13.3	35.7	236	10.6	45.8	253	7.2			
195				20.6	196	12.6	32.9	228	10.0	43.6	248	6.8			
200				15.3	180	12.0	29.9	220	9.5	41.2	242	6.4			
205							26.5	210	9.1	38.8	236	6.0			
210							22.6	199	8.6	36.2	229	5.7			
215							18.0	185	8.1	33.4	222	5.3			
220										30.4	214	5.0			
225										27.1	204	4.6			
230										23.3	193	4.3			
235										18.8	180	4.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	23.0						
120	58.0	297	27.0	60.3	301	26.9	66.1	306	22.2						
125	56.2	294	26.5	58.6	297	25.3	64.5	304	20.9						
130	54.4	290	25.5	56.8	294	23.9	62.8	301	19.7						
135	52.6	286	24.1	55.0	291	22.6	61.1	299	18.5						
140	50.7	282	22.9	53.2	287	21.4	59.4	296	17.5						
145	48.7	278	21.7	51.3	283	20.3	57.7	292	16.5						
150	46.7	273	20.6	49.3	279	19.3	55.9	289	15.6						
155	44.6	268	19.6	47.3	274	18.3	54.0	285	14.8						
160	42.4	263	18.7	45.3	269	17.4	52.2	282	14.0						
165	40.1	257	17.8	43.1	264	16.5	50.3	278	13.3						
167										57.0	284	9.0			
170	37.7	251	16.9	40.9	258	15.7	48.3	273	12.6	56.2	282	8.8			
175	35.2	244	16.1	38.5	252	15.0	46.3	268	12.0	54.3	279	8.3			
180	32.5	236	15.4	36.0	246	14.3	44.2	263	11.3	52.5	275	7.8			
185	29.6	228	14.7	33.4	238	13.6	42.0	258	10.8	50.6	271	7.3			
190	26.4	218	14.0	30.6	230	13.0	39.7	252	10.2	48.6	266	6.8			
195	22.7	207	13.4	27.4	221	12.4	37.2	246	9.7	46.6	262	6.4			
200	18.4	193	12.8	23.9	210	11.8	34.7	238	9.2	44.5	257	6.0			
205				19.9	197	11.2	31.9	231	8.7	42.3	251	5.6			
210							29.0	222	8.3	40.0	245	5.3			
215							25.7	212	7.8	37.6	239	4.9			
220							21.9	200	7.4	35.1	232	4.6			
225							17.4	186	7.0	32.4	224	4.3			
230										29.5	216	4.0			
235										26.2	206	3.7			
240										22.6	195	3.4			
245										18.2	181	3.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	21.8						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	21.5						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	20.5						
130	56.4	302	23.6	58.6	306	23.6	64.2	312	19.3						
135	54.7	299	23.4	56.9	303	22.3	62.6	310	18.2						
140	52.9	295	22.6	55.2	299	21.1	61.0	307	17.1						
145	51.1	291	21.4	53.5	296	20.0	59.4	304	16.2						
150	49.3	287	20.3	51.7	292	18.9	57.7	301	15.3						
155	47.4	282	19.3	49.9	288	18.0	56.0	298	14.4						
160	45.4	277	18.4	48.0	283	17.1	54.3	294	13.7						
165	43.4	272	17.5	46.0	278	16.2	52.6	290	12.9						
170	41.2	267	16.6	44.0	273	15.4	50.7	286	12.2						
172										57.0	292	7.9			
175	39.0	260	15.9	41.9	268	14.7	48.9	282	11.6	56.3	291	7.7			
180	36.7	254	15.1	39.7	262	14.0	47.0	277	11.0	54.6	287	7.2			
185	34.2	247	14.4	37.5	255	13.3	45.0	272	10.4	52.8	283	6.7			
190	31.6	239	13.8	35.0	248	12.7	42.9	267	9.9	51.0	279	6.3			
195	28.7	230	13.1	32.5	241	12.1	40.8	261	9.4	49.2	275	5.9			
200	25.6	220	12.5	29.7	232	11.5	38.6	255	8.9	47.3	270	5.5			
205	22.0	208	11.9	26.6	223	11.0	36.2	248	8.4	45.3	266	5.1			
210				23.2	212	10.5	33.7	241	8.0	43.3	260	4.7			
215				19.2	198	9.9	31.0	233	7.5	41.1	255	4.4			
220							28.1	224	7.1	38.9	249	4.1			
225							24.9	214	6.7	36.6	242	3.8			
230							21.2	202	6.3	34.1	235	3.5			
235							16.8	187	6.0	31.5	227	3.2			
240										28.6	218	2.9			
245										25.5	208	2.6			
250										21.9	196	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 66 ft luffing jib 133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	150.8												
40	69.6	205	128.6												
41				75.0	206	117.6									
45	64.8	202	111.7	71.6	205	106.4									
50	59.8	200	96.9	66.9	203	92.3									
55	54.5	196	85.3	62.0	200	81.4									
60	48.8	192	76.2	56.8	197	72.6									
65	42.4	187	68.6	51.3	193	65.5									
69							67.0	199	53.0						
70	35.2	180	62.3	45.2	188	59.5	65.7	198	51.7						
75	26.1	171	57.0	38.4	182	54.4	60.7	196	47.3						
80				30.3	174	50.0	55.4	192	43.5						
85				19.0	163	46.1	49.8	188	40.2						
90							43.6	183	37.3						
95							36.5	177	34.8						
100							30.1	171	32.6						
101										57.0	185	25.7			
105										53.9	183	24.8			
110										48.1	179	23.3			
115										41.7	173	21.9			
120										34.3	167	20.6			
125										24.9	157	19.4			
156													37.0	142	7.3
160													32.5	138	7.0
165													22.3	127	6.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>76 ft luffing jib</b> <b>133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	148.9												
40	72.4	215	127.1												
44				75.0	216	108.2									
45	68.3	213	110.7	74.1	215	105.0									
50	64.1	211	96.7	70.1	213	92.1									
55	59.8	208	85.2	65.9	211	81.1									
60	55.2	205	76.0	61.6	209	72.4									
65	50.3	201	68.5	57.2	205	65.2									
70	45.0	196	62.3	52.4	202	59.3									
73							67.0	208	49.0						
75	39.2	190	57.0	47.3	197	54.2	64.9	207	46.9						
80	32.4	182	52.4	41.7	192	49.9	60.5	204	43.1						
85	23.9	172	48.4	35.4	185	46.2	56.0	201	39.9						
90				27.8	177	42.8	51.2	197	37.0						
95				17.1	163	39.8	46.0	192	34.5						
100							41.6	188	32.3						
105							35.3	181	30.3						
106										57.0	194	23.6			
110							27.6	173	28.4	54.6	192	22.8			
115										49.7	188	21.5			
120										44.4	183	20.2			
125										38.5	177	19.1			
130										31.5	169	18.0			
135										22.7	159	17.0			
164													37.0	148	6.2
165													37.0	148	6.2
170													29.9	140	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>85 ft luffing jib</b> <b>133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	125.6												
45	71.0	224	109.4												
46				75.0	225	100.0									
50	67.3	222	96.5	72.5	224	91.8									
55	63.6	219	85.0	68.9	222	80.8									
60	59.7	216	75.8	65.2	220	72.1									
65	55.7	213	68.3	61.4	217	65.0									
70	51.4	209	62.1	57.4	214	59.0									
75	46.9	205	56.8	53.3	210	54.0									
76							67.0	217	45.4						
80	42.0	199	52.3	48.9	206	49.7	64.2	215	42.7						
85	36.5	193	48.4	44.1	201	46.0	60.4	213	39.5						
90	30.1	185	44.9	38.9	195	42.7	56.4	209	36.7						
95	22.0	174	41.8	33.0	188	39.8	52.2	206	34.2						
100				25.8	178	37.2	48.8	202	32.0						
105							44.0	197	30.0						
110							38.8	191	28.2						
112										57.0	202	21.6			
115							32.8	184	26.5	55.2	200	21.0			
120							25.6	175	25.0	50.9	196	19.8			
125										46.4	192	18.7			
130										41.4	186	17.7			
135										35.8	180	16.7			
140										29.3	171	15.8			
172													37.0	154	5.1
175													34.5	151	5.0
180													27.7	142	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 95 ft luffing jib 133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	108.4												
49				75.0	235	93.1									
50	69.8	232	96.0	74.4	234	90.9									
55	66.5	230	84.9	71.2	233	80.6									
60	63.2	228	75.7	67.9	231	71.9									
65	59.7	225	68.2	64.6	228	64.8									
70	56.1	222	62.0	61.2	226	58.9									
75	52.3	218	56.7	57.6	222	53.9									
80	48.3	214	52.2	53.9	219	49.6									
80							67.0	226	42.4						
85	44.1	209	48.3	50.1	215	45.8	63.8	224	39.3						
90	39.4	203	44.9	45.9	210	42.6	60.3	221	36.5						
95	34.2	196	41.8	41.4	205	39.7	56.7	218	34.0						
100	28.2	187	39.1	36.5	198	37.1	53.9	215	31.8						
105	22.5	178	31.9	30.9	190	34.8	50.0	211	29.8						
110				25.8	183	32.8	45.8	206	28.0						
115							41.4	201	26.4						
117										57.0	210	20.0			
120							36.4	194	24.9	55.7	209	19.6			
125							30.8	186	23.5	51.9	205	18.5			
130							23.9	176	22.2	47.9	201	17.4			
135										43.6	195	16.5			
140										38.9	189	15.6			
145										33.6	182	14.8			
150										27.4	173	14.0			
180													37.0	160	4.4
180													37.0	160	4.4
185													32.4	153	4.1
190													25.9	144	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	94.9												
52				75.0	244	86.7									
55	68.9	241	84.6	73.0	243	80.3									
60	65.9	239	75.4	70.1	241	71.6									
65	62.8	236	68.0	67.2	239	64.5									
70	59.7	233	61.7	64.1	237	58.6									
75	56.4	230	56.5	61.0	234	53.6									
80	53.0	226	52.0	57.8	231	49.3									
84							67.0	235	39.5						
85	49.5	222	48.1	54.5	227	45.6	66.4	235	38.9						
90	45.7	218	44.7	51.0	223	42.3	63.4	232	36.0						
95	41.7	212	41.6	47.3	219	39.4	60.2	230	33.6						
100	37.3	206	39.0	43.4	214	36.9	57.8	227	31.4						
105	32.3	198	36.5	39.2	208	34.6	54.4	224	29.5						
110	26.6	189	34.3	35.6	203	32.6	50.9	220	27.7						
115	21.1	180	29.5	30.5	195	30.7	47.3	215	26.1						
120				24.3	184	29.0	43.3	210	24.6						
122										57.0	218	18.3			
125							39.1	204	23.2	56.0	217	18.0			
130							34.4	197	22.0	52.6	214	17.0			
135							29.0	189	20.8	49.1	209	16.1			
140							22.5	178	19.7	45.3	204	15.2			
145										41.2	199	14.4			
150										36.7	192	13.7			
155										31.7	185	13.0			
160										25.8	175	12.3			
188															
190													37.0	166	3.4
195													35.7	164	3.3
195													30.5	156	3.1
200													24.4	146	2.8

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>133</b>
<b>counterweight [1000 lbs]:</b>	<b>98.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	80.9									
55	70.8	252	84.0	74.5	253	79.3									
60	68.1	250	75.2	71.9	252	71.3									
65	65.3	247	67.7	69.2	250	64.1									
70	62.5	245	61.5	66.5	248	58.2									
75	59.7	242	56.2	63.7	245	53.2									
80	56.7	239	51.7	60.9	242	49.0									
85	53.6	235	47.8	58.0	239	45.3									
88							67.0	244	36.8						
90	50.4	231	44.4	54.9	236	42.0	65.8	243	35.6						
95	47.0	226	41.4	51.8	232	39.2	63.0	241	33.2						
100	43.4	221	38.7	48.5	228	36.6	60.8	239	31.0						
105	39.6	215	36.3	45.0	223	34.3	57.9	236	29.1						
110	35.4	209	34.2	42.2	219	32.3	54.9	232	27.3						
115	31.8	203	29.1	38.2	213	30.5	51.7	228	25.7						
120	26.5	193	27.8	33.8	205	28.8	48.4	224	24.2						
125				28.9	197	27.2	44.9	219	22.9						
128										57.0	227	16.8			
130				22.9	186	25.7	41.2	214	21.6	56.3	226	16.6			
135							37.1	207	20.5	53.3	222	15.7			
140							32.7	200	19.4	50.0	218	14.8			
145							27.5	191	18.4	46.6	213	14.0			
150							21.2	179	17.5	43.0	208	13.3			
155										39.1	202	12.6			
160										34.9	195	11.9			
165										30.1	187	11.3			
170										24.4	177	10.7			
195													37.0	172	2.4
200													33.9	166	2.2

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>133</b>
<b>counterweight [1000 lbs]:</b>	<b>98.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>125</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	76.0									
60	69.9	260	75.0	73.4	262	71.0									
65	67.4	258	67.5	70.9	260	63.9									
70	64.9	256	61.3	68.5	258	58.0									
75	62.3	253	56.0	66.0	256	53.0									
80	59.6	250	51.5	63.4	254	48.8									
85	56.9	247	47.7	60.8	251	45.1									
90	54.1	244	44.2	58.1	248	41.8									
92							67.0	253	34.5						
95	51.2	240	41.2	55.3	244	39.0	65.9	253	33.0						
100	48.1	235	38.6	52.4	241	36.4	63.4	250	30.8						
105	44.9	230	36.2	49.4	236	34.1	60.7	247	28.8						
110	41.5	225	34.0	47.0	233	32.1	58.0	244	27.1						
115	38.7	220	27.8	43.7	228	30.3	55.2	241	25.4						
120	34.7	213	26.7	40.2	222	28.6	52.4	237	24.0						
125	30.3	205	25.6	36.4	216	27.0	49.4	233	22.7						
130	25.2	195	24.6	32.3	208	25.6	46.2	228	21.4						
133										57.0	235	15.5			
135				27.5	199	24.3	42.9	223	20.3	56.6	234	15.4			
140				21.8	187	23.0	39.3	217	19.2	53.8	231	14.5			
145							35.4	210	18.3	50.8	227	13.7			
150							31.1	202	17.3	47.7	222	13.0			
155							26.2	193	16.5	44.5	217	12.3			
160							20.1	180	15.7	41.1	212	11.7			
165										37.3	205	11.1			
170										33.3	198	10.5			
175										28.7	189	10.0			
180										23.2	179	9.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	71.3									
60	71.4	271	72.6	74.6	272	70.1									
65	69.2	269	67.2	72.4	271	63.6									
70	66.8	267	61.0	70.1	269	57.7									
75	64.5	264	55.8	67.8	267	52.7									
80	62.1	262	51.3	65.5	265	48.4									
85	59.6	259	47.4	63.1	262	44.7									
90	57.1	256	44.0	60.7	259	41.5									
95	54.5	252	41.0	58.2	256	38.6									
96							67.0	263	31.8						
100	51.8	248	38.3	55.6	253	36.1	65.5	261	30.4						
105	49.0	244	35.9	53.0	249	33.8	63.1	259	28.4						
110	46.1	239	33.8	50.9	246	31.9	60.6	256	26.7						
115	43.7	235	27.3	48.0	242	30.0	58.1	253	25.1						
120	40.5	230	26.0	45.0	237	28.3	55.6	249	23.6						
125	37.0	223	24.9	41.9	231	26.8	52.9	246	22.3						
130	33.2	216	24.0	38.5	225	25.4	50.2	241	21.1						
135	29.0	207	23.2	34.9	218	24.0	47.3	237	19.9						
139										57.0	243	14.1			
140	24.1	197	22.4	30.9	210	22.8	44.3	232	18.9	56.8	243	14.1			
145				26.3	201	21.7	41.1	226	17.9	54.2	239	13.3			
150				20.7	189	20.6	37.6	220	17.0	51.5	235	12.6			
155							33.9	213	16.2	48.7	231	11.9			
160							29.8	204	15.4	45.7	226	11.3			
165							25.0	194	14.6	42.6	221	10.7			
170							19.1	181	13.9	39.3	215	10.1			
175										35.7	208	9.6			
180										31.8	201	9.1			
185										27.4	191	8.6			
190										22.1	180	8.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 144 ft luffing jib 133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	57.3									
75	66.4	275	55.5	69.4	278	52.4									
80	64.2	273	51.0	67.3	276	48.1									
85	61.9	270	47.1	65.1	273	44.4									
90	59.6	267	43.7	62.9	271	41.2									
95	57.3	264	40.7	60.6	268	38.3									
99							67.0	272	30.1						
100	54.9	261	38.0	58.3	265	35.8	67.0	272	29.7						
105	52.4	257	35.6	55.9	262	33.5	65.1	270	28.0						
110	49.8	253	33.5	54.0	259	31.6	62.8	267	26.3						
115	47.7	249	26.9	51.5	255	29.7	60.6	264	24.7						
120	44.9	244	25.5	48.9	251	28.0	58.2	261	23.2						
125	42.0	239	24.2	46.1	246	26.5	55.8	258	21.9						
130	38.9	233	23.1	43.3	241	25.1	53.4	254	20.7						
135	35.5	226	22.1	40.2	235	23.8	50.8	250	19.6						
140	31.9	218	21.5	37.0	228	22.6	48.2	246	18.5						
144										57.0	251	13.0			
145	27.8	209	20.9	33.5	221	21.4	45.4	241	17.6	57.0	251	12.9			
150	23.0	198	20.3	29.6	213	20.4	42.5	236	16.7	54.6	248	12.2			
155				25.2	203	19.4	39.4	230	15.8	52.1	244	11.5			
160				19.8	190	18.5	36.1	223	15.1	49.5	240	10.9			
165							32.5	215	14.3	46.8	235	10.3			
170							28.5	207	13.6	43.9	230	9.7			
175							23.9	196	13.0	41.0	224	9.2			
180							18.2	182	12.3	37.8	218	8.7			
185										34.3	211	8.2			
190										30.5	203	7.8			
195										26.2	193	7.3			
200										21.1	181	6.9			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	52.1									
80	65.9	284	50.8	68.8	286	47.9									
85	63.9	281	46.9	66.8	284	44.2									
90	61.8	279	43.5	64.7	282	40.9									
95	59.6	276	40.5	62.7	279	38.1									
100	57.4	273	37.8	60.5	276	35.5									
103							67.0	281	28.0						
105	55.2	269	35.4	58.4	273	33.3	66.8	280	27.7						
110	52.8	265	33.3	56.6	271	31.3	64.7	278	26.0						
115	51.0	262	28.1	54.4	267	29.5	62.6	275	24.4						
120	48.5	258	26.6	52.0	263	27.8	60.5	273	23.0						
125	46.0	253	25.1	49.6	259	26.3	58.3	270	21.6						
130	43.3	248	23.7	47.1	255	24.8	56.1	266	20.4						
135	40.5	242	22.5	44.5	250	23.5	53.8	263	19.3						
140	37.5	236	21.3	41.7	244	22.3	51.4	259	18.3						
145	34.2	229	20.5	38.8	238	21.2	49.0	254	17.3						
149										57.0	260	11.9			
150	30.7	221	19.8	35.6	231	20.2	46.4	250	16.4	57.0	260	11.8			
155	26.7	211	19.2	32.2	224	19.2	43.8	245	15.6	54.9	256	11.2			
160	22.1	200	18.6	28.5	215	18.3	41.0	239	14.8	52.6	253	10.6			
165				24.2	204	17.4	38.0	233	14.1	50.2	248	10.0			
170				18.9	191	16.6	34.8	226	13.4	47.7	244	9.4			
175							31.3	218	12.8	45.1	239	8.9			
180							27.4	209	12.1	42.3	234	8.4			
185							22.9	198	11.5	39.5	228	8.0			
190							17.3	183	11.0	36.4	221	7.5			
195										33.0	214	7.1			
200										29.4	205	6.7			
205										25.2	195	6.3			
210										20.2	183	5.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	47.5									
85	65.5	292	45.7	68.3	295	43.8									
90	63.6	290	43.2	66.4	293	40.6									
95	61.6	287	40.2	64.4	290	37.8									
100	59.6	284	37.5	62.5	288	35.2									
105	57.5	281	35.1	60.9	286	33.0									
107							67.0	290	26.2						
110	55.9	279	29.6	58.9	283	31.0	66.3	289	25.6						
115	53.8	275	28.6	56.8	279	29.2	64.4	287	24.0						
120	51.5	271	27.8	54.7	276	27.5	62.4	284	22.6						
125	49.3	267	26.4	52.5	272	25.9	60.4	281	21.2						
130	46.9	262	24.8	50.2	268	24.5	58.4	278	20.0						
135	44.4	257	23.3	47.9	263	23.2	56.3	275	18.9						
140	41.8	252	22.0	45.5	259	22.0	54.1	271	17.9						
145	39.1	246	20.7	42.9	253	20.9	51.9	267	17.0						
150	36.2	239	19.6	40.3	248	19.9	49.7	263	16.1						
155										57.0	268	10.8			
155	33.0	231	18.9	37.4	241	18.9	47.3	259	15.2	57.0	268	10.7			
160	29.6	223	18.2	34.4	234	18.0	44.8	254	14.5	55.2	265	10.1			
165	25.7	213	17.6	31.1	226	17.2	42.3	248	13.7	53.0	261	9.6			
170	21.2	201	16.9	27.4	217	16.4	39.6	242	13.1	50.8	257	9.0			
175				23.2	206	15.6	36.7	236	12.4	48.4	253	8.5			
180				18.1	192	14.9	33.6	229	11.8	46.0	248	8.0			
185							30.2	220	11.2	43.5	243	7.6			
190							26.4	211	10.7	40.9	237	7.1			
195							22.1	199	10.1	38.1	231	6.7			
200							16.6	184	9.6	35.1	224	6.3			
205										31.9	216	6.0			
210										28.3	207	5.6			
215										24.3	197	5.2			
220										19.4	184	4.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	40.3									
95	63.4	298	39.9	66.0	301	37.4									
100	61.5	296	37.2	64.2	299	34.9									
105	59.6	293	34.8	62.7	297	32.7									
110	58.1	290	31.0	60.9	294	30.7									
111							67.0	299	24.5						
115	56.1	287	30.0	58.9	291	28.8	65.9	297	23.6						
120	54.1	283	29.1	57.0	288	27.2	64.1	295	22.2						
125	52.0	280	27.4	55.0	284	25.6	62.3	292	20.8						
130	49.9	275	26.0	52.9	281	24.2	60.4	290	19.6						
135	47.7	271	24.6	50.8	277	22.9	58.4	287	18.5						
140	45.4	266	23.3	48.6	272	21.7	56.5	283	17.5						
145	43.0	261	22.2	46.4	268	20.6	54.5	280	16.6						
150	40.5	255	21.1	44.0	262	19.6	52.4	276	15.7						
155	37.8	249	20.0	41.5	257	18.6	50.3	272	14.9						
160										57.0	276	9.7			
160	35.0	242	19.0	39.0	251	17.7	48.1	267	14.1	57.0	276	9.6			
165	31.9	234	18.2	36.2	244	16.9	45.8	263	13.4	55.4	273	9.1			
170	28.6	225	17.4	33.3	237	16.1	43.4	257	12.7	53.4	270	8.6			
175	24.8	215	16.6	30.1	228	15.3	40.9	252	12.1	51.3	266	8.1			
180	20.4	203	15.8	26.5	219	14.6	38.3	246	11.5	49.1	261	7.6			
185				22.4	207	13.9	35.5	239	10.9	46.9	257	7.2			
190				17.4	193	13.3	32.5	231	10.4	44.5	252	6.7			
195							29.2	223	9.8	42.1	246	6.3			
200							25.5	213	9.3	39.6	240	5.9			
205							21.2	201	8.9	36.9	234	5.6			
210										34.0	227	5.2			
215										30.8	219	4.9			
220										27.4	209	4.5			
225										23.4	198	4.2			
230										18.7	185	3.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	34.6									
105	61.4	304	34.6	64.3	308	32.5									
110	60.0	302	31.3	62.6	305	30.4									
115							67.0	308	23.3						
115	58.2	299	30.4	60.8	303	28.6	67.0	308	23.0						
120	56.3	296	28.8	59.0	300	26.9	65.6	306	21.9						
125	54.4	292	27.2	57.1	296	25.4	63.9	304	20.6						
130	52.4	288	25.7	55.2	293	24.0	62.1	301	19.4						
135	50.4	284	24.4	53.3	289	22.7	60.3	298	18.3						
140	48.4	280	23.1	51.3	285	21.5	58.5	295	17.2						
145	46.2	275	21.9	49.2	281	20.4	56.6	292	16.3						
150	44.0	270	20.8	47.1	276	19.4	54.7	288	15.4						
155	41.7	264	19.8	44.9	271	18.4	52.8	285	14.6						
160	39.2	258	18.9	42.7	266	17.5	50.8	281	13.8						
165	36.6	252	18.0	40.3	260	16.7	48.7	276	13.1						
165										57.0	284	8.6			
170	33.9	245	17.1	37.8	254	15.9	46.6	272	12.4	55.7	282	8.2			
175	30.9	236	16.4	35.1	247	15.1	44.4	267	11.8	53.7	278	7.7			
180	27.7	227	15.6	32.2	239	14.4	42.1	261	11.2	51.8	274	7.2			
185	24.0	217	14.9	29.1	231	13.7	39.6	255	10.6	49.7	270	6.8			
190	19.7	204	14.2	25.6	221	13.1	37.1	249	10.1	47.6	266	6.3			
195				21.6	209	12.5	34.4	242	9.6	45.4	261	5.9			
200				16.7	194	11.9	31.5	234	9.1	43.2	256	5.6			
205							28.3	225	8.6	40.8	250	5.2			
210							24.7	214	8.2	38.3	244	4.9			
215							20.5	202	7.8	35.7	237	4.5			
220										32.9	229	4.2			
225										29.8	221	3.9			
230										26.5	211	3.6			
235										22.6	200	3.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.3									
119							67.0	317	21.5						
120	58.2	307	26.9	60.7	311	26.6	66.9	317	21.5						
125	56.5	304	26.3	59.0	308	25.1	65.3	315	20.2						
130	54.7	301	25.4	57.2	305	23.7	63.7	312	19.0						
135	52.8	297	24.1	55.4	301	22.4	62.0	309	17.9						
140	50.9	293	22.8	53.6	298	21.2	60.3	307	16.9						
145	49.0	288	21.6	51.7	294	20.1	58.5	304	15.9						
150	47.0	284	20.5	49.8	290	19.0	56.8	300	15.0						
155	44.9	279	19.5	47.8	285	18.1	55.0	297	14.2						
160	42.7	274	18.6	45.8	280	17.2	53.1	293	13.5						
165	40.4	268	17.7	43.6	275	16.3	51.2	289	12.8						
170	38.1	262	16.9	41.4	270	15.6	49.3	285	12.1						
171										57.0	293	7.4			
175	35.6	255	16.1	39.1	264	14.8	47.3	280	11.5	55.9	290	7.1			
180	32.9	247	15.3	36.7	257	14.1	45.2	275	10.9	54.0	287	6.6			
185	30.0	239	14.6	34.1	250	13.5	43.1	270	10.3	52.2	283	6.2			
190	26.8	229	14.0	31.3	242	12.8	40.8	265	9.8	50.3	279	5.8			
195	23.2	218	13.3	28.2	233	12.2	38.5	258	9.3	48.3	274	5.4			
200	19.0	205	12.7	24.8	223	11.6	36.0	252	8.8	46.2	270	5.0			
205				20.9	210	11.1	33.4	244	8.3	44.1	265	4.6			
210							30.5	236	7.9	41.9	259	4.3			
215							27.4	227	7.5	39.6	253	4.0			
220							23.9	216	7.0	37.2	247	3.7			
225							19.8	203	6.7	34.7	240	3.4			
230										31.9	232	3.1			
235										28.9	223	2.8			
240										25.6	213	2.6			
245										21.9	202	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	20.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	19.8						
130	56.6	313	23.1	59.0	316	23.3	65.0	323	18.6						
135	54.9	309	22.7	57.3	313	22.0	63.5	321	17.5						
140	53.2	305	22.5	55.6	310	20.8	61.9	318	16.5						
145	51.4	301	21.3	53.9	306	19.7	60.2	315	15.5						
150	49.5	297	20.2	52.1	302	18.7	58.6	312	14.7						
155	47.6	293	19.2	50.3	298	17.8	56.9	309	13.8						
160	45.7	288	18.3	48.4	294	16.9	55.2	305	13.1						
165	43.6	283	17.4	46.5	289	16.0	53.5	302	12.4						
170	41.5	277	16.6	44.5	284	15.2	51.7	298	11.7						
175	39.3	271	15.8	42.4	279	14.5	49.8	294	11.1						
176										57.0	301	6.3			
180	37.0	265	15.1	40.3	273	13.8	48.0	289	10.5	56.0	299	6.0			
185	34.6	258	14.4	38.0	267	13.1	46.0	284	9.9	54.3	295	5.6			
190	32.0	250	13.7	35.6	260	12.5	44.0	279	9.4	52.5	292	5.2			
195	29.1	241	13.1	33.1	252	11.9	41.9	274	8.9	50.7	288	4.8			
200	26.0	231	12.5	30.4	244	11.4	39.7	268	8.4	48.9	283	4.4			
205	22.5	220	11.9	27.4	235	10.8	37.4	261	8.0	46.9	279	4.1			
210	18.4	206	11.3	24.1	224	10.3	35.0	255	7.5	45.0	274	3.8			
215				20.3	212	9.8	32.4	247	7.1	42.9	268	3.4			
220							29.7	238	6.7	40.8	263	3.1			
225							26.6	229	6.3	38.5	256	2.8			
230							23.2	218	6.0	36.2	250	2.6			
235							19.2	204	5.6	33.7	242	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	148.3												
40	70.3	215	126.6												
43				75.0	216	111.4									
45	65.5	213	110.4	72.7	215	104.2									
50	60.5	210	96.6	68.0	213	91.6									
55	55.2	206	85.1	63.2	211	80.8									
60	49.6	202	76.0	58.1	208	72.1									
65	43.4	197	68.5	52.6	204	65.0									
70	36.3	191	62.2	46.7	199	59.0									
71							67.0	209	49.4						
75	27.5	182	56.8	40.2	194	54.0	63.3	207	46.1						
80				32.4	186	49.7	58.1	204	42.5						
85				22.3	176	45.8	52.7	200	39.3						
90							46.8	195	36.4						
95							40.3	190	33.9						
100							34.5	184	31.8						
105							25.2	175	29.7						
105										57.0	194	23.0			
110										52.9	191	22.0			
115										47.1	187	20.7			
120										40.5	181	19.4			
125										32.9	174	18.3			
130										22.9	164	17.2			
163													37.0	149	5.3
165													35.7	148	5.2
170													26.8	139	4.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft luffing jib 142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.4												
40	73.0	225	125.1												
45	68.9	223	109.1												
45				75.0	225	102.7									
50	64.7	221	96.4	71.1	224	91.1									
55	60.4	218	85.0	66.9	222	80.5									
60	55.8	215	75.8	62.7	219	71.8									
65	51.0	211	68.3	58.2	216	64.7									
70	45.8	206	62.1	53.6	212	58.8									
75	40.0	201	56.8	48.6	208	53.8	67.0	218	45.7						
80	33.4	193	52.3	43.1	203	49.5	62.8	215	42.1						
85	25.2	184	48.3	37.0	197	45.8	58.3	212	38.9						
90				29.8	189	42.5	53.7	209	36.1						
95				20.2	177	39.5	48.7	204	33.6						
100							44.5	200	31.5						
105							38.6	194	29.5						
110							31.8	187	27.7						
111										57.0	202	21.1			
115							23.0	177	26.0	53.8	200	20.2			
120										48.9	196	19.1			
125										43.4	191	18.0			
130										37.4	184	17.0			
135										30.2	176	16.0			
140										20.9	165	15.1			
171													37.0	155	4.3
175													32.9	150	4.1
180													24.5	140	3.7



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	123.6												
45	71.4	234	107.8												
48				75.0	235	95.1									
50	67.8	232	95.5	73.3	234	89.9									
55	64.1	230	84.7	69.8	232	80.2									
60	60.3	227	75.6	66.1	230	71.5									
65	56.2	223	68.1	62.3	228	64.4									
70	52.0	220	61.9	58.4	224	58.5									
75	47.5	215	56.7	54.3	221	53.6									
79							67.0	227	42.4						
80	42.7	210	52.2	49.9	217	49.3	66.2	226	41.6						
85	37.3	204	48.2	45.3	212	45.6	62.4	224	38.5						
90	31.1	196	44.8	40.2	206	42.3	58.5	221	35.7						
95	23.3	185	41.7	34.5	199	39.5	54.4	217	33.3						
100				27.7	191	36.9	51.1	214	31.2						
105							46.5	209	29.2						
110							41.5	204	27.4						
115							36.0	197	25.8						
116										57.0	211	19.3			
120							29.5	189	24.3	54.5	209	18.6			
125										50.2	204	17.6			
130										45.6	200	16.6			
135										40.5	194	15.7			
140										34.8	187	14.8			
145										28.1	179	14.0			
150										19.2	166	13.2			
179													37.0	161	3.3
180													36.8	161	3.3
185													30.6	153	3.0
190													22.6	142	2.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	106.8												
50	70.2	243	94.6												
50				75.0	244	88.7									
55	67.0	240	84.6	71.9	243	79.8									
60	63.6	238	75.5	68.7	241	71.3									
65	60.2	235	68.0	65.4	239	64.3									
70	56.6	232	61.8	62.0	236	58.4									
75	52.8	228	56.6	58.5	233	53.4									
80	48.9	224	52.1	54.8	230	49.1									
83							67.0	236	39.6						
85	44.7	219	48.2	51.0	226	45.5	65.5	235	38.2						
90	40.1	213	44.7	46.9	221	42.2	62.1	232	35.5						
95	35.0	207	41.7	42.6	216	39.4	58.6	229	33.1						
100	29.1	198	39.0	37.8	210	36.8	55.8	227	31.0						
105	21.7	187	36.5	32.3	202	34.5	52.0	223	29.0						
110				27.5	195	32.0	48.0	218	27.3						
115							43.7	213	25.7						
120							39.0	207	24.2						
121										57.0	219	17.9			
125							33.8	200	22.9	55.0	217	17.3			
130							27.6	191	21.6	51.2	213	16.3			
135										47.2	209	15.4			
140										42.8	203	14.6			
145										38.0	197	13.8			
150										32.6	190	13.1			
155										26.3	181	12.4			
160										17.7	167	11.7			
187													37.0	167	2.5
190													34.6	163	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	93.5												
53				75.0	254	82.7									
55	69.3	251	83.8	73.7	253	78.8									
60	66.3	249	75.2	70.8	251	71.0									
65	63.2	246	67.8	67.9	249	63.9									
70	60.1	244	61.6	64.9	247	58.1									
75	56.9	240	56.3	61.8	244	53.1									
80	53.5	237	51.8	58.6	241	48.8									
85	50.0	233	47.9	55.3	238	45.2									
87							67.0	245	36.9						
90	46.2	228	44.5	51.9	234	41.9	64.9	243	35.1						
95	42.2	223	41.5	48.2	230	39.1	62.6	241	32.7						
100	37.9	216	38.8	44.4	225	36.6	59.4	238	30.6						
105	33.0	209	36.4	40.2	219	34.3	56.1	235	28.6						
110	27.4	200	34.2	36.8	214	32.3	52.7	231	26.9						
115	22.2	191	27.7	31.8	206	30.4	49.2	227	25.3						
120				25.9	197	28.7	45.4	222	23.9						
125							41.3	217	22.5						
127										57.0	227	16.3			
130							36.9	210	21.3	55.5	226	15.9			
135							31.9	203	20.2	52.0	222	15.0			
140							26.0	193	19.1	48.4	217	14.2			
145										44.6	213	13.4			
150										40.5	207	12.7			
155										35.9	200	12.0			
160										30.8	192	11.4			
165										24.7	182	10.8			
170										16.5	168	10.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	82.8												
55				75.0	263	77.3									
60	68.4	260	74.9	72.5	262	70.3									
65	65.7	258	67.5	69.9	260	63.6									
70	62.9	255	61.3	67.2	258	57.7									
75	60.1	252	56.1	64.4	256	52.8									
80	57.1	249	51.6	61.6	253	48.5									
85	54.0	245	47.7	58.7	250	44.9									
90	50.8	241	44.3	55.7	247	41.6									
90							67.0	254	34.4						
95	47.5	237	41.3	52.5	243	38.8	65.1	252	32.3						
100	43.9	232	38.6	49.3	239	36.3	62.3	250	30.2						
105	40.1	226	36.2	45.8	234	34.0	59.4	247	28.2						
110	36.0	219	34.0	43.1	230	32.0	56.4	244	26.5						
115	32.5	214	27.3	39.2	224	30.2	53.3	240	24.9						
120	27.3	204	26.0	34.9	217	28.5	50.1	236	23.5						
125	20.9	193	24.6	30.1	209	26.9	46.7	231	22.2						
130				24.5	199	25.5	43.1	226	21.0						
132										57.0	235	14.9			
135							39.2	220	19.9	55.8	234	14.6			
140							35.0	213	18.8	52.7	230	13.7			
145							30.2	205	17.9	49.5	226	13.0			
150							24.6	195	17.0	46.0	221	12.3			
155										42.4	216	11.6			
160										38.4	210	11.0			
165										34.1	203	10.4			
170										29.2	194	9.9			
175										23.4	184	9.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	72.7									
60	70.2	270	74.3	73.9	272	69.6									
65	67.8	268	67.3	71.5	271	63.4									
70	65.2	266	61.1	69.1	269	57.5									
75	62.7	263	55.9	66.6	267	52.6									
80	60.0	261	51.4	64.0	264	48.3									
85	57.3	257	47.5	61.4	261	44.6									
90	54.5	254	44.1	58.7	258	41.4									
94							67.0	263	32.3						
95	51.6	250	41.1	56.0	255	38.6	67.0	263	31.8						
100	48.5	246	38.4	53.1	251	36.1	64.7	261	29.9						
105	45.3	241	36.0	50.1	247	33.8	62.1	258	28.0						
110	41.9	235	33.9	47.8	244	31.5	59.4	255	26.2						
115	39.2	231	25.9	44.5	239	30.0	56.7	252	24.7						
120	35.3	224	24.7	41.1	233	28.3	53.8	248	23.3						
125	31.0	216	23.8	37.4	227	26.8	50.9	244	22.0						
130	26.0	206	22.9	33.3	220	25.4	47.8	240	20.8						
135	19.8	194	22.0	28.7	211	24.1	44.6	235	19.7						
137										57.0	244	13.7			
140				23.3	200	22.8	41.2	229	18.6	56.1	243	13.5			
145							37.4	223	17.7	53.3	239	12.7			
150							33.4	216	16.8	50.3	235	12.0			
155							28.8	207	15.9	47.2	230	11.4			
160							23.4	197	15.2	43.9	225	10.8			
165										40.4	220	10.2			
170										36.7	213	9.7			
175										32.5	206	9.1			
180										27.8	197	8.6			
185										22.2	185	8.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	68.2									
65	69.5	279	66.9	72.9	281	62.6									
70	67.2	277	60.8	70.7	279	57.2									
75	64.8	275	55.6	68.4	277	52.2									
80	62.4	272	51.1	66.1	275	48.0									
85	60.0	269	47.2	63.7	273	44.3									
90	57.5	266	43.8	61.3	270	41.1									
95	54.9	262	40.8	58.8	267	38.3									
98							67.0	272	29.8						
100	52.2	259	38.2	56.2	264	35.8	66.7	272	29.5						
105	49.4	254	35.8	53.6	260	33.5	64.3	269	27.6						
110	46.5	250	33.6	51.5	257	31.6	61.9	267	25.8						
115	44.1	246	26.1	48.7	253	29.7	59.4	264	24.3						
120	40.9	240	24.7	45.8	248	28.0	56.9	261	22.9						
125	37.5	234	23.6	42.7	243	26.5	54.3	257	21.6						
130	33.8	227	22.6	39.4	237	25.1	51.6	253	20.4						
135	29.6	218	21.8	35.8	230	23.8	48.8	249	19.3						
140	24.8	208	21.0	31.9	222	22.6	45.8	244	18.3						
143										57.0	252	12.4			
145				27.4	213	21.5	42.7	239	17.3	56.4	251	12.3			
150				22.2	202	20.4	39.4	233	16.5	53.8	248	11.6			
155							35.8	226	15.6	51.0	244	10.9			
160							31.9	218	14.9	48.2	239	10.3			
165							27.5	209	14.1	45.2	234	9.8			
170							22.3	198	13.4	42.1	229	9.3			
175										38.7	223	8.8			
180										35.1	216	8.3			
185										31.1	208	7.8			
190										26.6	199	7.4			
195										21.1	187	6.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 144 ft luffing jib 142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	56.6									
75	66.7	285	55.3	69.9	288	51.9									
80	64.5	283	50.8	67.8	286	47.6									
85	62.2	280	46.9	65.6	284	44.0									
90	59.9	278	43.5	63.4	281	40.8									
95	57.6	274	40.5	61.2	278	37.9									
100	55.2	271	37.9	58.8	275	35.4									
102							67.0	281	27.8						
105	52.7	267	35.5	56.5	272	33.2	66.2	280	27.1						
110	50.1	263	33.4	54.6	269	31.2	64.0	278	25.4						
115	48.1	260	26.5	52.1	266	29.4	61.7	275	23.9						
120	45.3	255	25.2	49.5	261	27.7	59.4	272	22.5						
125	42.4	250	23.9	46.8	257	26.2	57.1	269	21.2						
130	39.3	244	22.8	44.0	252	24.8	54.6	266	20.0						
135	36.0	237	21.8	41.0	246	23.5	52.1	262	18.9						
140	32.4	229	21.0	37.8	240	22.3	49.6	258	17.9						
145	28.4	220	20.2	34.4	233	21.2	46.9	253	17.0						
148										57.0	260	11.2			
150	23.7	210	19.5	30.6	225	20.2	44.0	248	16.1	56.6	260	11.1			
155				26.3	215	19.2	41.0	242	15.3	54.2	256	10.5			
160				21.2	203	18.3	37.9	236	14.5	51.6	252	9.9			
165							34.4	229	13.8	49.0	248	9.4			
170							30.6	221	13.1	46.3	243	8.8			
175							26.4	211	12.5	43.5	238	8.3			
180							21.3	199	11.9	40.4	232	7.9			
185										37.2	226	7.4			
190										33.7	219	7.0			
195										29.9	210	6.6			
200										25.4	200	6.2			
205										20.1	188	5.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	51.6									
80	66.2	294	50.0	69.3	296	47.4									
85	64.1	292	46.7	67.3	294	43.7									
90	62.0	289	43.3	65.2	292	40.5									
95	59.9	286	40.3	63.2	290	37.7									
100	57.7	283	37.7	61.0	287	35.2									
105	55.5	280	35.3	59.4	285	32.8									
106							67.0	290	26.2						
110	53.2	276	33.1	57.2	281	31.0	65.8	289	25.1						
115	51.3	273	27.9	54.9	278	29.2	63.7	286	23.6						
120	48.9	268	26.4	52.6	274	27.5	61.6	284	22.2						
125	46.3	264	24.8	50.2	270	26.0	59.4	281	20.9						
130	43.7	259	23.4	47.7	266	24.6	57.2	278	19.7						
135	40.9	253	22.1	45.1	261	23.3	55.0	274	18.6						
140	37.9	247	20.9	42.4	255	22.1	52.6	270	17.6						
145	34.7	240	20.0	39.5	249	21.0	50.2	266	16.7						
150	31.2	232	19.2	36.4	243	20.0	47.7	262	15.8						
153										57.0	268	10.3			
155	27.3	223	18.4	33.1	235	19.0	45.1	257	15.0	56.8	268	10.2			
160	22.8	211	17.7	29.4	227	18.1	42.4	251	14.3	54.5	265	9.6			
165				25.3	217	17.2	39.5	246	13.6	52.2	261	9.1			
170				20.3	204	16.4	36.5	239	12.9	49.8	257	8.6			
175							33.1	232	12.3	47.2	252	8.1			
180							29.5	223	11.7	44.6	247	7.6			
185							25.3	213	11.1	41.9	242	7.2			
190							20.4	201	10.5	39.0	236	6.7			
195										35.8	229	6.4			
200										32.5	221	6.0			
205										28.7	213	5.6			
210										24.4	202	5.2			
215										19.3	189	4.9			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.0									
85	65.8	302	44.3	68.7	305	43.4									
90	63.9	300	43.0	66.8	303	40.2									
95	61.9	297	40.0	64.9	301	37.4									
100	59.9	295	37.4	62.9	298	34.9									
105	57.8	291	35.0	61.4	296	32.7									
110							67.0	299	24.8						
110	56.2	289	29.6	59.4	293	30.7	67.0	299	24.5						
115	54.1	285	28.6	57.3	290	28.9	65.4	297	23.2						
120	51.9	281	27.7	55.2	286	27.2	63.4	295	21.8						
125	49.6	277	26.4	53.0	283	25.7	61.5	292	20.5						
130	47.2	273	24.7	50.8	279	24.3	59.4	289	19.3						
135	44.7	268	23.2	48.5	274	23.0	57.4	286	18.3						
140	42.2	262	21.8	46.1	270	21.8	55.2	283	17.3						
145	39.5	256	20.5	43.5	264	20.7	53.1	279	16.3						
150	36.6	250	19.3	40.9	259	19.7	50.8	275	15.5						
155	33.5	242	18.5	38.1	253	18.7	48.5	271	14.7						
159										57.0	277	9.0			
160	30.1	234	17.7	35.1	246	17.8	46.1	266	13.9	56.9	277	9.0			
165	26.3	224	16.9	31.9	238	17.0	43.6	261	13.2	54.8	273	8.5			
170	21.9	213	16.2	28.4	229	16.2	41.0	255	12.5	52.6	269	8.0			
175				24.3	219	15.4	38.2	249	11.9	50.4	265	7.5			
180				19.5	206	14.7	35.2	242	11.3	48.0	261	7.1			
185							32.0	234	10.8	45.6	256	6.7			
190							28.4	225	10.2	43.1	251	6.3			
195							24.4	215	9.7	40.4	245	5.9			
200							19.6	202	9.2	37.6	239	5.5			
205										34.6	232	5.2			
210										31.3	224	4.8			
215										27.7	215	4.5			
220										23.5	204	4.2			
225										18.5	190	3.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	39.8									
95	63.6	309	38.8	66.4	311	37.0									
100	61.8	306	37.1	64.6	309	34.5									
105	59.9	303	34.7	63.2	307	32.4									
110	58.4	301	30.9	61.3	304	30.4									
114							67.0	308	22.9						
115	56.4	297	29.8	59.4	302	28.5	66.9	308	22.8						
120	54.4	294	28.8	57.4	298	26.9	65.1	306	21.4						
125	52.3	290	27.3	55.5	295	25.3	63.2	303	20.1						
130	50.2	286	25.8	53.4	291	24.0	61.3	301	18.9						
135	48.0	281	24.5	51.3	287	22.7	59.4	298	17.9						
140	45.7	277	23.2	49.1	283	21.5	57.5	295	16.9						
145	43.3	271	21.7	46.9	278	20.4	55.5	291	15.9						
150	40.8	266	20.3	44.6	273	19.4	53.4	287	15.1						
155	38.2	259	18.9	42.1	268	18.4	51.3	284	14.3						
160	35.4	253	17.7	39.6	262	17.5	49.2	279	13.5						
164										57.0	285	7.9			
165	32.4	245	17.1	36.9	256	16.7	46.9	275	12.8	57.0	285	7.9			
170	29.1	236	16.5	34.0	248	15.9	44.6	270	12.2	55.1	282	7.4			
175	25.4	226	15.9	30.9	240	15.1	42.2	264	11.6	53.0	278	6.9			
180	21.1	214	15.4	27.4	231	14.4	39.6	258	11.0	50.9	274	6.5			
185				23.4	220	13.8	36.9	252	10.4	48.7	270	6.1			
190				18.7	207	13.1	34.0	245	9.9	46.5	265	5.7			
195							30.9	237	9.4	44.1	260	5.3			
200							27.5	227	8.9	41.7	254	4.9			
205							23.5	216	8.4	39.1	248	4.6			
210										36.4	242	4.3			
215										33.4	234	4.0			
220										30.3	226	3.7			
225										26.7	217	3.4			
230										22.7	205	3.1			
235										17.7	191	2.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	34.3									
105	61.6	314	34.4	64.7	318	32.1									
110	60.3	312	31.2	63.0	316	30.1									
115	58.4	309	30.1	61.2	313	28.3									
117							67.0	317	21.5						
120	56.6	306	28.7	59.4	310	26.6	66.5	317	21.1						
125	54.7	302	27.1	57.6	307	25.1	64.8	314	19.8						
130	52.7	299	25.6	55.7	303	23.7	63.0	312	18.7						
135	50.7	295	24.2	53.8	300	22.4	61.2	309	17.6						
140	48.6	290	23.0	51.8	296	21.2	59.4	306	16.6						
145	46.5	286	21.8	49.7	292	20.1	57.6	303	15.7						
150	44.3	280	20.7	47.6	287	19.1	55.7	300	14.8						
155	42.0	275	19.7	45.5	282	18.2	53.8	296	14.0						
160	39.6	269	18.7	43.2	277	17.3	51.8	292	13.3						
165	37.0	263	17.5	40.9	272	16.4	49.8	288	12.6						
169										57.0	293	6.9			
170	34.3	255	16.5	38.4	265	15.7	47.7	283	11.9	57.0	293	6.9			
175	31.4	247	16.1	35.7	259	14.9	45.5	279	11.3	55.3	290	6.5			
180	28.1	238	15.5	32.9	251	14.2	43.3	273	10.7	53.4	287	6.1			
185	24.5	228	14.8	29.9	243	13.6	40.9	268	10.2	51.4	283	5.6			
190	20.3	216	14.1	26.5	233	12.9	38.4	262	9.6	49.4	278	5.3			
195				22.7	222	12.3	35.8	255	9.1	47.3	274	4.9			
200				18.0	208	11.7	33.0	247	8.7	45.1	269	4.5			
205							29.9	239	8.2	42.8	264	4.2			
210							26.6	229	7.8	40.4	258	3.9			
215							22.7	218	7.4	37.9	252	3.6			
220										35.3	245	3.3			
225										32.4	237	3.0			
230										29.3	228	2.7			
235										25.9	219	2.5			
240										21.9	207	2.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	26.3									
121							67.0	326	19.9						
125	56.7	314	25.6	59.4	319	24.8	66.1	325	19.3						
130	54.9	311	25.0	57.7	315	23.4	64.5	323	18.2						
135	53.1	307	24.0	55.9	312	22.1	62.8	320	17.2						
140	51.2	303	22.7	54.1	308	20.9	61.1	318	16.2						
145	49.2	299	21.5	52.2	305	19.8	59.4	315	15.3						
150	47.2	294	20.5	50.3	300	18.8	57.7	312	14.4						
155	45.2	289	19.4	48.3	296	17.9	55.9	308	13.6						
160	43.0	284	18.5	46.3	291	17.0	54.1	305	12.9						
165	40.8	278	17.6	44.2	286	16.1	52.2	301	12.2						
170	38.4	272	16.8	42.0	281	15.4	50.3	297	11.5						
175										57.0	302	5.8			
175	35.9	266	16.0	39.7	275	14.6	48.3	292	10.9	57.0	302	5.8			
180	33.3	258	15.3	37.3	268	13.9	46.3	288	10.4	55.6	299	5.5			
185	30.4	250	14.6	34.7	261	13.3	44.2	282	9.8	53.7	295	5.1			
190	27.3	241	13.9	32.0	254	12.6	42.0	277	9.3	51.8	291	4.7			
195	23.8	230	13.3	29.0	245	12.0	39.7	271	8.8	49.9	287	4.3			
200	19.6	217	12.6	25.7	235	11.5	37.3	265	8.3	47.9	283	4.0			
205				21.9	223	10.9	34.7	258	7.9	45.9	278	3.6			
210							32.0	250	7.5	43.8	273	3.3			
215							29.0	241	7.0	41.6	267	3.0			
220							25.7	231	6.6	39.2	261	2.7			
225							22.0	220	6.3	36.8	255	2.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.0	65.8	334	17.6						
135	55.1	319	22.3	57.7	324	21.8	64.3	331	16.5						
140	53.4	316	22.0	56.1	321	20.6	62.7	329	15.6						
145	51.6	312	21.2	54.3	317	19.5	61.1	326	14.7						
150	49.8	308	20.2	52.6	313	18.5	59.4	323	13.9						
155	47.9	303	19.1	50.7	309	17.5	57.8	320	13.1						
160	45.9	298	18.2	48.9	305	16.6	56.1	317	12.4						
165	43.9	293	17.3	47.0	300	15.8	54.4	313	11.7						
170	41.8	288	16.5	45.0	295	15.0	52.6	309	11.1						
175	39.6	282	15.7	42.9	290	14.3	50.8	305	10.5						
180	37.3	275	15.0	40.8	284	13.6	48.9	301	9.9						
180										57.0	310	4.7			
185	34.9	268	14.3	38.6	278	13.0	47.0	296	9.4	55.7	307	4.5			
190	32.3	261	13.6	36.2	271	12.3	45.0	291	8.9	54.0	304	4.1			
195	29.5	252	13.0	33.7	264	11.7	43.0	286	8.4	52.2	300	3.7			
200	26.5	243	12.4	31.0	256	11.2	40.8	280	8.0	50.4	296	3.4			
205	23.0	231	11.8	28.1	247	10.7	38.6	274	7.5	48.5	291	3.1			
210	19.0	218	11.3	24.9	237	10.1	36.3	268	7.1	46.6	287	2.7			
215				21.2	225	9.6	33.8	260	6.7	44.6	282	2.4			
220							31.1	252	6.3						
225							28.2	243	5.9						
230							25.0	233	5.6						
235							21.3	221	5.2						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

152

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 66 ft luffing jib 152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	124.7												
44				75.0	226	105.5									
45	66.2	223	108.7	73.8	225	102.1									
50	61.2	220	96.3	69.2	223	90.3									
55	56.0	217	84.9	64.4	221	80.1									
60	50.4	213	75.8	59.3	218	71.5									
65	44.3	208	68.3	54.0	215	64.4									
70	37.3	202	62.0	48.2	210	58.6									
74							67.0	218	45.9						
75	28.9	193	56.7	41.8	205	53.6	65.8	218	44.9						
80				34.4	198	49.3	60.8	215	41.3						
85				25.1	189	45.5	55.5	211	38.2						
90							49.9	207	35.5						
95							45.2	204	33.0						
100							38.4	198	30.9						
105							30.3	190	28.9						
109										57.0	203	20.7			
110										57.0	203	20.5			
115										52.0	200	19.3			
120										46.0	195	18.2			
125										39.3	189	17.2			
130										31.4	182	16.2			
170													37.0	156	3.2
175													30.6	150	3.0
180													19.4	138	2.7

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>98.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>75</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	123.1												
45	69.5	233	107.5												
46				75.0	235	97.5									
50	65.3	231	95.2	72.0	234	89.2									
55	61.0	228	84.7	67.9	232	79.8									
60	56.5	225	75.6	63.7	229	71.2									
65	51.7	221	68.2	59.3	227	64.2									
70	46.5	217	61.9	54.7	223	58.3									
75	40.8	211	56.7	49.8	219	53.4									
78							67.0	227	42.6						
80	34.4	204	52.2	44.5	214	49.1	64.9	226	40.9						
85	26.5	195	48.2	38.6	208	45.4	60.6	223	37.8						
90				31.7	201	42.2	56.1	220	35.1						
95				22.9	190	39.2	52.4	217	32.8						
100							47.3	213	30.6						
105							41.7	207	28.7						
110							35.4	201	26.9						
115										57.0	211	18.9			
115							27.8	192	25.3	57.0	211	18.7			
120										53.0	208	17.8			
125										48.0	204	16.8			
130										42.5	199	15.8			
135										36.3	192	14.9			
140										28.9	184	14.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>85 ft luffing jib</b> <b>152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	121.6												
45	71.9	244	106.2												
49				75.0	245	90.5									
50	68.3	242	94.1	74.2	244	88.0									
55	64.6	240	84.4	70.6	243	78.9									
60	60.8	237	75.4	67.0	240	70.9									
65	56.8	234	68.0	63.2	238	63.9									
70	52.6	230	61.8	59.3	235	58.0									
75	48.2	226	56.5	55.3	232	53.1									
80	43.4	221	52.0	51.0	228	48.9									
81							67.0	236	39.5						
85	38.1	214	48.1	46.4	223	45.2	64.3	235	37.4						
90	32.0	207	44.7	41.5	218	42.0	60.5	232	34.7						
95	24.5	197	41.6	35.9	211	39.1	57.4	229	32.4						
100				29.4	203	36.6	53.3	226	30.3						
105				23.3	195	32.4	48.9	221	28.4						
110							44.1	216	26.6						
115							38.9	210	25.1						
120							33.0	203	23.6	57.0	220	17.1			
125							25.8	194	22.3	53.8	217	16.3			
130										49.4	213	15.4			
135										44.7	208	14.5			
140										39.6	202	13.7			
145										33.8	195	13.0			
150										26.8	186	12.3			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom                      95 ft luffing jib                      152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	105.2												
50	70.7	253	93.2												
51				75.0	254	84.5									
55	67.4	251	83.6	72.7	253	78.1									
60	64.1	248	75.3	69.5	251	70.7									
65	60.7	245	67.8	66.2	249	63.7									
70	57.1	242	61.6	62.8	246	57.9									
75	53.4	239	56.4	59.4	244	52.9									
80	49.4	234	51.9	55.7	240	48.7									
85	45.3	230	48.0	51.9	236	45.1									
85							67.0	245	37.0						
90	40.7	224	44.6	47.9	232	41.8	63.8	243	34.4						
95	35.7	217	41.6	43.6	227	39.0	61.2	241	32.2						
100	30.0	209	38.9	39.0	221	36.5	57.6	238	30.0						
105	22.9	199	36.5	33.7	214	34.2	53.9	234	28.1						
110				29.1	207	31.4	50.1	230	26.4						
115				21.7	196	29.9	45.9	225	24.9						
120							41.4	220	23.5						
125							36.5	213	22.2						
125										57.0	228	15.8			
130							30.9	206	21.0	54.4	225	15.1			
135							24.1	195	19.8	50.6	221	14.3			
140										46.5	217	13.5			
145										42.0	211	12.8			
150										37.2	205	12.1			
155										31.7	197	11.4			
160										25.0	188	10.8			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>98.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	92.1												
54				75.0	264	78.9									
55	69.7	261	82.6	74.4	263	77.1									
60	66.7	259	74.8	71.5	262	69.8									
65	63.7	257	67.6	68.6	260	63.4									
70	60.5	254	61.4	65.6	257	57.5									
75	57.3	251	56.2	62.5	255	52.6									
80	54.0	247	51.7	59.4	252	48.4									
85	50.5	243	47.8	56.1	249	44.8									
89							67.0	254	34.5						
90	46.8	239	44.4	52.7	245	41.6	66.5	254	34.0						
95	42.8	233	41.4	49.1	241	38.7	64.1	252	31.7						
100	38.5	227	38.7	45.3	236	36.2	61.0	249	29.6						
105	33.7	220	36.3	41.3	230	34.0	57.8	246	27.8						
110	28.3	211	34.1	37.9	226	32.0	54.5	243	26.1						
115	23.2	203	26.0	33.0	218	30.2	51.0	239	24.5						
120				27.4	209	28.5	47.3	234	23.1						
125							43.4	229	21.8						
130							39.2	223	20.6						
131										57.0	236	14.3			
135							34.5	216	19.5	54.9	234	13.8			
140							29.1	208	18.5	51.5	230	13.1			
145							22.6	197	17.5	47.8	226	12.3			
150										43.9	221	11.7			
155										39.7	215	11.0			
160										35.1	208	10.4			
165										29.9	200	9.9			
170										23.5	189	9.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	81.6												
57				75.0	273	73.8									
60	68.8	270	73.9	73.2	272	68.8									
65	66.1	268	67.3	70.5	270	62.8									
70	63.3	265	61.1	67.8	268	57.2									
75	60.5	262	55.9	65.1	266	52.3									
80	57.5	259	51.4	62.3	263	48.1									
85	54.5	256	47.5	59.4	260	44.4									
90	51.3	252	44.1	56.4	257	41.2									
93							67.0	263	31.7						
95	48.0	247	41.2	53.3	254	38.4	66.5	263	31.3						
100	44.4	242	38.5	50.1	249	35.9	63.7	261	29.2						
105	40.7	237	36.1	46.7	245	33.7	60.9	258	27.3						
110	36.6	230	33.9	43.9	241	31.5	58.0	255	25.7						
115	33.1	224	26.3	40.1	235	29.9	54.9	251	24.1						
120	28.1	216	24.8	36.0	228	28.2	51.8	247	22.7						
125	21.9	204	23.3	31.4	221	26.7	48.5	243	21.5						
130				26.0	211	25.3	45.0	238	20.3						
135							41.3	233	19.2						
140										57.0	244	13.0			
145							37.2	226	18.2	55.3	242	12.6			
150							32.7	219	17.3	52.2	239	11.9			
155							27.6	210	16.4	48.9	234	11.2			
160							21.3	198	15.5	45.4	230	10.6			
165										41.7	224	10.0			
170										37.8	218	9.5			
175										33.3	211	9.0			
180										28.3	202	8.5			
										22.2	191	8.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	69.5									
60	70.6	280	73.2	74.5	282	68.1									
65	68.1	278	66.8	72.1	281	62.1									
70	65.6	276	60.9	69.7	279	57.0									
75	63.0	274	55.7	67.2	277	52.1									
80	60.4	271	51.2	64.6	274	47.9									
85	57.7	268	47.3	62.0	272	44.2									
90	54.9	264	44.0	59.4	269	41.0									
95	52.0	260	41.0	56.6	266	38.2									
97							67.0	273	29.8						
100	49.0	256	38.3	53.8	262	35.7	66.0	272	28.9						
105	45.8	251	35.9	50.9	258	33.5	63.4	269	27.1						
110	42.4	246	33.8	48.5	255	31.3	60.8	266	25.4						
115	39.7	241	25.3	45.3	250	29.7	58.1	263	23.9						
120	35.8	235	24.0	41.9	244	28.0	55.3	260	22.5						
125	31.6	227	22.8	38.3	238	26.5	52.4	256	21.2						
130	26.7	218	21.8	34.3	231	25.1	49.4	252	20.1						
135	20.8	206	20.7	29.9	223	23.8	46.3	247	19.0						
140				24.7	213	22.6	42.9	242	18.0						
141										57.0	253	11.9			
145							39.4	236	17.1	55.7	251	11.6			
150							35.5	229	16.2	52.8	247	11.0			
155							31.2	221	15.4	49.8	243	10.4			
160							26.3	212	14.6	46.7	238	9.8			
165							20.2	200	13.9	43.4	233	9.2			
170										39.8	227	8.7			
175										36.0	221	8.3			
180										31.8	213	7.8			
185										26.9	204	7.3			
190										21.1	192	6.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	65.2									
65	69.8	289	66.0	73.5	291	61.2									
70	67.5	287	60.6	71.2	289	56.2									
75	65.1	285	55.4	68.9	288	51.7									
80	62.8	282	50.9	66.6	285	47.5									
85	60.3	279	47.1	64.3	283	43.9									
90	57.8	276	43.7	61.9	280	40.7									
95	55.2	273	40.7	59.4	277	37.9									
100	52.6	269	38.0	56.9	274	35.4									
101							67.0	282	27.8						
105	49.8	265	35.7	54.2	271	33.2	65.5	280	26.6						
110	46.9	260	33.5	52.2	268	31.2	63.1	278	25.0						
115	44.6	256	25.8	49.4	263	29.4	60.7	275	23.5						
120	41.4	251	24.3	46.5	259	27.8	58.2	272	22.1						
125	38.0	245	22.9	43.4	254	26.2	55.6	268	20.8						
130	34.3	238	21.8	40.2	248	24.8	53.0	265	19.7						
135	30.2	229	20.9	36.7	241	23.5	50.2	261	18.6						
140	25.5	219	20.0	32.8	234	22.4	47.3	256	17.6						
145	19.7	207	19.1	28.6	225	21.2	44.3	251	16.7						
147										57.0	261	10.7			
150				23.5	214	20.2	41.1	245	15.8	55.9	259	10.5			
155							37.7	239	15.0	53.3	256	9.9			
160							34.0	232	14.3	50.6	252	9.3			
165							29.8	224	13.6	47.7	247	8.8			
170							25.1	214	12.9	44.7	242	8.3			
175							19.2	201	12.3	41.5	237	7.8			
180										38.1	231	7.4			
185										34.5	224	7.0			
190										30.4	215	6.6			
195										25.7	206	6.2			
200										20.0	193	5.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	55.4									
75	67.0	296	54.6	70.4	298	51.0									
80	64.8	293	50.6	68.3	296	47.2									
85	62.5	291	46.8	66.1	294	43.5									
90	60.3	288	43.4	63.9	291	40.4									
95	57.9	285	40.4	61.7	289	37.6									
100	55.5	281	37.8	59.4	286	35.1									
105							67.0	291	26.3						
105	53.1	278	35.4	57.6	283	31.4	67.0	291	26.0						
110	50.5	274	33.2	55.2	280	30.6	65.1	289	24.5						
115	48.5	270	26.0	52.7	276	29.1	62.9	286	23.0						
120	45.7	265	24.5	50.1	272	27.4	60.6	283	21.7						
125	42.8	260	23.1	47.5	268	25.9	58.3	280	20.4						
130	39.8	254	21.8	44.7	263	24.5	55.9	277	19.3						
135	36.5	248	20.7	41.7	257	23.3	53.4	273	18.2						
140	32.9	240	19.8	38.6	251	22.1	50.9	269	17.2						
145	29.0	232	19.1	35.2	244	21.0	48.2	265	16.3						
150	24.4	221	18.3	31.5	236	19.9	45.5	260	15.5						
152										57.0	269	9.4			
155	18.8	208	17.5	27.4	227	19.0	42.6	255	14.7	56.2	268	9.3			
160				22.5	216	18.1	39.5	249	13.9	53.7	264	8.7			
165							36.2	242	13.2	51.2	260	8.2			
170							32.6	235	12.6	48.6	256	7.7			
175							28.6	226	12.0	45.8	251	7.3			
180							24.0	215	11.4	43.0	246	6.9			
185							18.3	202	10.8	39.9	240	6.5			
190										36.6	234	6.1			
195										33.1	226	5.7			
200										29.2	218	5.4			
205										24.6	207	5.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	50.5									
80	66.5	304	48.4	69.8	307	46.7									
85	64.4	302	46.5	67.8	305	43.3									
90	62.3	299	43.2	65.7	302	40.1									
95	60.2	296	40.2	63.7	300	37.3									
100	58.0	293	37.5	61.6	297	34.8									
105	55.8	290	35.2	59.9	295	32.7									
108							67.0	300	24.4						
110	54.0	287	29.0	57.7	292	30.7	66.8	299	24.3						
115	51.7	283	28.1	55.5	289	28.9	64.7	297	22.8						
120	49.2	279	26.6	53.2	285	27.2	62.7	295	21.4						
125	46.7	274	24.8	50.8	281	25.7	60.5	292	20.1						
130	44.0	269	23.1	48.3	276	24.3	58.4	289	19.0						
135	41.3	264	21.5	45.7	272	23.0	56.1	285	17.9						
140	38.3	257	20.1	43.0	266	21.9	53.8	282	17.0						
145	35.1	251	18.9	40.2	261	20.8	51.5	278	16.1						
150	31.7	243	18.2	37.2	254	19.7	49.0	274	15.2						
155	27.9	234	17.5	33.9	247	18.8	46.5	269	14.4						
158										57.0	277	8.4			
160	23.4	223	16.7	30.3	239	17.9	43.8	264	13.7	56.4	277	8.3			
165				26.3	229	17.0	41.0	258	13.0	54.1	273	7.8			
170				21.6	217	16.2	38.1	252	12.4	51.8	269	7.3			
175							34.9	245	11.7	49.3	265	6.9			
180							31.4	237	11.2	46.8	260	6.5			
185							27.5	228	10.6	44.2	255	6.1			
190							23.0	217	10.1	41.4	250	5.7			
195										38.4	243	5.3			
200										35.3	237	5.0			
205										31.9	229	4.7			
210										28.0	220	4.4			
215										23.6	209	4.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>164 ft luffing jib</b> <b>152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	42.7									
90	64.1	310	41.6	67.3	313	39.8									
95	62.2	308	39.9	65.4	311	37.0									
100	60.2	305	37.2	63.4	308	34.5									
105	58.1	302	34.9	61.9	306	32.4									
110	56.5	299	30.2	59.9	304	30.4									
112							67.0	309	22.8						
115	54.4	296	29.2	57.8	300	28.5	66.4	308	22.3						
120	52.2	292	28.4	55.7	297	26.9	64.4	306	21.0						
125	49.9	288	27.2	53.6	293	25.4	62.5	303	19.7						
130	47.5	283	25.1	51.3	289	24.0	60.5	300	18.6						
135	45.1	278	23.2	49.0	285	22.7	58.4	297	17.5						
140	42.5	273	21.4	46.6	281	21.5	56.3	294	16.6						
145	39.8	267	19.7	44.2	275	20.5	54.2	290	15.7						
150	37.0	260	18.3	41.6	270	19.4	52.0	286	14.8						
155	33.9	253	17.2	38.8	264	18.5	49.7	282	14.1						
160	30.6	245	16.6	35.9	257	17.6	47.3	278	13.3						
163									57.0	286	7.3				
165	26.8	236	15.9	32.7	250	16.8	44.9	273	12.6	56.6	285	7.2			
170	22.5	224	15.2	29.2	241	16.0	42.3	267	12.0	54.5	281	6.7			
175				25.3	231	15.2	39.6	262	11.4	52.3	278	6.3			
180				20.7	219	14.5	36.7	255	10.8	50.0	274	5.9			
185							33.7	248	10.3	47.6	269	5.5			
190							30.3	239	9.7	45.2	264	5.1			
195							26.5	230	9.2	42.7	259	4.7			
200							22.1	218	8.8	40.0	253	4.4			
205										37.1	247	4.1			
210										34.1	239	3.8			
215										30.7	231	3.5			
220										27.0	222	3.2			
225										22.7	211	3.0			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	39.2									
95	63.9	319	37.4	66.9	322	36.6									
100	62.0	316	36.9	65.0	319	34.1									
105	60.1	313	34.6	63.6	318	32.0									
110	58.6	311	30.9	61.8	315	30.0									
115	56.7	308	29.7	59.9	312	28.2									
116							67.0	318	21.1						
120	54.7	304	28.6	57.9	309	26.6	66.0	317	20.4						
125	52.6	300	27.2	55.9	306	25.1	64.2	314	19.2						
130	50.5	296	25.7	53.9	302	23.7	62.3	312	18.1						
135	48.3	292	24.4	51.8	298	22.4	60.4	309	17.1						
140	46.0	287	22.9	49.7	294	21.2	58.5	306	16.2						
145	43.6	282	21.1	47.4	289	20.1	56.5	302	15.3						
150	41.2	276	19.5	45.1	284	19.1	54.5	299	14.4						
155	38.5	270	18.0	42.7	279	18.2	52.4	295	13.7						
160	35.8	263	16.7	40.2	273	17.3	50.3	291	12.9						
165	32.8	256	16.0	37.5	267	16.5	48.1	287	12.3						
168										57.0	294	6.1			
170	29.5	247	15.5	34.7	260	15.7	45.8	282	11.6	56.8	294	6.1			
175	25.9	238	15.0	31.6	252	14.9	43.4	277	11.0	54.8	290	5.6			
180	21.7	226	14.5	28.3	243	14.2	40.9	271	10.5	52.7	286	5.2			
185				24.5	233	13.6	38.3	265	9.9	50.6	282	4.9			
190				20.0	220	12.9	35.5	258	9.4	48.4	278	4.5			
195							32.5	250	8.9	46.1	273	4.2			
200							29.3	242	8.4	43.7	268	3.8			
205							25.6	232	8.0	41.3	262	3.5			
210							21.3	220	7.6	38.7	256	3.2			
215										35.9	249	2.9			
220										32.9	242	2.7			
225										29.7	234	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	33.9									
105	62.3	325	31.1	65.1	329	31.8									
110	60.5	322	30.3	63.4	326	29.8									
115	58.7	319	29.2	61.6	323	27.9									
120							67.0	327	19.9						
120	56.8	316	28.2	59.8	321	26.3	67.0	327	19.7						
125	54.9	313	27.0	58.0	317	24.8	65.6	325	18.8						
130	53.0	309	25.5	56.1	314	23.4	63.9	323	17.7						
135	51.0	305	24.1	54.2	311	22.1	62.1	320	16.7						
140	48.9	301	22.9	52.3	307	21.0	60.4	317	15.8						
145	46.8	296	21.7	50.2	303	19.9	58.5	314	14.9						
150	44.6	291	20.7	48.2	298	18.9	56.7	311	14.1						
155	42.3	286	19.2	46.0	293	17.9	54.8	307	13.4						
160	39.9	280	17.7	43.8	288	17.1	52.8	304	12.7						
165	37.4	273	16.4	41.4	283	16.2	50.8	300	12.0						
170	34.7	266	15.4	39.0	277	15.4	48.8	295	11.4						
174										57.0	302	5.2			
175	31.8	258	15.0	36.4	270	14.7	46.6	291	10.8	56.9	302	5.2			
180	28.6	250	14.6	33.6	263	14.0	44.4	286	10.2	55.0	299	4.8			
185	25.1	239	14.2	30.6	255	13.4	42.1	280	9.7	53.1	295	4.4			
190	21.0	227	13.8	27.3	245	12.7	39.7	274	9.1	51.1	291	4.1			
195				23.6	234	12.1	37.1	268	8.7	49.0	287	3.7			
200				19.2	221	11.6	34.4	261	8.2	46.9	282	3.4			
205							31.5	253	7.8	44.7	277	3.1			
210							28.3	244	7.3	42.4	272	2.8			
215							24.8	234	6.9	40.0	266	2.5			
220							20.6	221	6.5	37.5	259	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.6									
120	58.7	328	25.9	61.5	332	26.0									
124							67.0	336	18.1						
125							67.0	336	18.1						
130	57.0	325	25.1	59.8	329	24.5	67.0	336	18.1						
135	55.2	321	24.3	58.1	326	23.1	65.3	334	17.1						
140	53.3	318	23.7	56.3	323	21.8	63.7	331	16.1						
145	51.4	314	22.6	54.5	319	20.6	62.0	329	15.2						
145	49.5	309	21.4	52.6	315	19.6	60.3	326	14.3						
150	47.5	305	20.4	50.7	311	18.6	58.6	323	13.5						
155	45.4	300	19.4	48.8	307	17.6	56.8	319	12.8						
160	43.3	295	18.4	46.8	302	16.7	55.0	316	12.1						
165	41.1	289	17.5	44.7	297	15.9	53.2	312	11.4						
170	38.7	283	16.7	42.5	292	15.1	51.3	308	10.8						
175	36.3	276	15.9	40.2	286	14.4	49.3	304	10.2						
179										57.0	310	4.2			
180	33.6	269	15.2	37.8	280	13.7	47.3	299	9.7	57.0	310	4.2			
185	30.8	261	14.5	35.3	273	13.1	45.3	295	9.2	55.2	307	3.8			
190	27.7	252	13.8	32.6	265	12.5	43.1	289	8.7	53.4	303	3.5			
195	24.3	241	13.2	29.7	257	11.9	40.9	284	8.2	51.5	299	3.2			
200	20.3	229	12.6	26.5	247	11.3	38.5	278	7.8	49.6	295	2.8			
205				22.9	236	10.8	36.1	271	7.4	47.6	291	2.5			
210				18.6	222	10.2	33.4	263	7.0	45.5	286	2.2			
215							30.6	255	6.6						
220							27.5	246	6.2						
225							24.0	235	5.9						
230							19.9	222	5.5						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	16.7						
130							66.6	344	16.4						
135	57.1	333	21.9	59.8	337	22.7	66.6	344	16.4						
135	55.4	330	21.4	58.1	334	21.5	65.1	342	15.4						
140	53.6	326	20.9	56.5	331	20.3	63.5	340	14.5						
145	51.9	322	20.4	54.7	328	19.2	61.9	337	13.7						
150	50.0	318	19.9	53.0	324	18.2	60.3	334	12.9						
155	48.1	314	19.1	51.2	320	17.3	58.6	331	12.2						
160	46.2	309	18.1	49.3	316	16.4	56.9	328	11.5						
165	44.2	304	17.2	47.4	311	15.6	55.2	324	10.9						
170	42.1	298	16.4	45.5	306	14.8	53.5	321	10.3						
175	39.9	292	15.6	43.4	301	14.1	51.7	317	9.7						
180	37.7	286	14.9	41.3	295	13.4	49.9	313	9.1						
184										57.0	319	3.2			
185	35.3	279	14.2	39.1	289	12.8	48.0	308	8.6	57.0	319	3.2			
190	32.7	272	13.6	36.8	283	12.1	46.0	304	8.2	55.5	316	2.9			
195	29.9	263	12.9	34.3	276	11.6	44.0	298	7.7	53.7	312	2.6			
200	26.9	254	12.3	31.7	268	11.0	41.9	293	7.3	51.9	308	2.2			
205	23.5	243	11.8	28.9	259	10.5	39.8	287	6.8						
210	19.6	230	11.2	25.7	249	10.0	37.5	281	6.5						
215				22.2	238	9.5	35.1	274	6.1						
220							32.5	266	5.7						
225							29.7	258	5.4						
230							26.7	248	5.0						
235							23.2	237	4.7						
240							19.2	224	4.4						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	122.7												
45				75.0	234	100.6									
45	66.8	232	107.2	74.8	234	100.1									
50	61.8	229	95.0	70.2	233	88.6									
55	56.6	226	84.6	65.4	230	79.5									
60	51.1	222	75.5	60.4	228	70.9									
65	45.1	217	68.0	55.2	224	63.9									
70	38.2	211	61.8	49.5	220	58.1									
75	30.0	203	56.5	43.3	215	53.1									
76							67.0	227	43.1						
80	21.8	195	33.0	36.1	208	48.9	63.1	225	40.4						
85				27.4	200	45.1	58.0	222	37.3						
90							52.5	218	34.6						
95							48.1	215	32.3						
100							41.7	209	30.2						
105							34.2	202	28.3						
110							24.8	193	26.5						
113										57.0	211	18.5			
115										56.1	211	18.3			
120										50.5	207	17.2			
125										44.4	202	16.2			
130										37.5	196	15.3			
135										29.1	187	14.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 76 ft luffing jib 161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	121.2												
45	70.0	243	105.9												
47				75.0	244	93.1									
50	65.8	240	93.9	72.9	243	87.5									
55	61.5	238	84.2	68.8	241	78.4									
60	57.0	235	75.3	64.6	239	70.6									
65	52.3	231	67.9	60.3	236	63.6									
70	47.2	226	61.7	55.7	233	57.8									
75	41.6	221	56.5	50.9	229	52.9									
80							67.0	236	40.0						
80	35.2	214	52.0	45.7	224	48.7	66.9	236	39.9						
85	27.6	205	48.0	39.9	218	45.0	62.6	233	36.9						
90				33.3	211	41.8	58.2	230	34.2						
95				25.1	202	38.9	54.6	227	32.0						
100							49.7	223	29.9						
105							44.4	218	28.0						
110							38.4	212	26.3						
115							31.5	205	24.7						
118									57.0	219	16.8				
120							22.7	194	23.3	56.6	219	16.7			
125										51.8	215	15.8			
130										46.6	211	14.9			
135										41.0	205	14.0			
140										34.6	198	13.2			
145										26.7	189	12.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>85 ft luffing jib</b> <b>161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	104.6												
50				75.0	253	86.5									
50	68.8	251	92.7	74.9	253	86.3									
55	65.1	249	83.2	71.4	252	77.4									
60	61.3	246	75.1	67.8	250	70.1									
65	57.3	243	67.7	64.1	247	63.3									
70	53.2	239	61.5	60.2	244	57.5									
75	48.7	235	56.3	56.2	241	52.6									
80	44.0	230	51.8	52.0	237	48.4									
84							67.0	245	37.2						
85	38.7	224	47.9	47.5	233	44.8	66.0	244	36.4						
90	32.8	217	44.5	42.6	228	41.6	62.3	242	33.8						
95	25.6	207	41.4	37.2	221	38.8	59.3	239	31.6						
100				30.9	214	36.2	55.2	236	29.5						
105				23.2	203	33.9	50.9	232	27.6						
110							46.3	227	25.9						
115							41.4	222	24.4						
120							35.8	215	23.0						
124										57.0	228	15.3			
125							29.3	207	21.7	56.9	228	15.3			
130							20.9	196	20.5	52.7	224	14.4			
135										48.3	220	13.6			
140										43.5	214	12.9			
145										38.2	208	12.1			
150										32.1	201	11.5			
155										24.7	191	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>95 ft luffing jib</b> <b>161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	103.6												
50	71.1	262	91.9												
52				75.0	263	80.9									
55	67.8	260	82.5	73.4	262	76.6									
60	64.5	257	74.7	70.2	260	69.4									
65	61.1	255	67.6	66.9	258	63.1									
70	57.5	251	61.4	63.6	256	57.4									
75	53.8	248	56.2	60.1	253	52.5									
80	49.9	244	51.7	56.5	250	48.3									
85	45.8	239	47.8	52.8	246	44.7									
88							67.0	254	34.8						
90	41.3	234	44.4	48.8	242	41.5	65.4	253	33.6						
95	36.4	227	41.4	44.6	237	38.7	62.8	251	31.3						
100	30.7	219	38.7	40.0	231	36.2	59.3	248	29.3						
105	23.9	209	36.3	34.9	224	33.9	55.7	244	27.4						
110				30.5	218	30.7	51.9	241	25.7						
115				23.5	208	28.7	47.8	236	24.2						
120							43.5	231	22.8						
125							38.8	225	21.6						
129										57.0	236	14.3			
130							33.6	218	20.4	57.0	236	14.1			
135							27.4	209	19.3	53.5	232	13.4			
140							19.4	197	18.2	49.5	228	12.6			
145										45.4	223	11.9			
150										40.9	218	11.3			
155										35.9	211	10.6			
160										30.1	203	10.1			
165										23.1	193	9.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 105 ft luffing jib 161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	90.8												
55	70.0	270	81.5	75.0	272	75.6									
60	67.1	268	73.8	72.1	271	68.4									
65	64.0	266	67.3	69.2	269	62.4									
70	60.9	263	61.1	66.2	267	57.0									
75	57.7	260	55.9	63.2	264	52.1									
80	54.4	256	51.5	60.1	261	48.0									
85	50.9	252	47.6	56.8	258	44.3									
90	47.2	248	44.2	53.4	255	41.2									
91							67.0	263	32.0						
95	43.3	243	41.2	49.9	250	38.4	65.5	262	30.9						
100	39.1	237	38.6	46.2	246	35.9	62.5	259	28.8						
105	34.4	230	36.2	42.2	240	33.7	59.3	256	27.0						
110	29.0	221	34.0	38.9	236	31.7	56.0	253	25.3						
115	24.1	213	24.7	34.1	229	29.9	52.6	249	23.8						
120				28.7	220	28.2	49.0	245	22.5						
125				22.1	209	25.9	45.2	240	21.2						
130							41.2	235	20.1						
135										57.0	244	12.9			
135							36.7	228	19.0	57.0	244	12.8			
140							31.7	220	18.0	54.1	241	12.2			
145							25.8	211	17.1	50.6	237	11.5			
150							18.1	198	16.1	46.9	232	10.8			
155										42.9	227	10.2			
160										38.6	221	9.7			
165										33.9	214	9.1			
170										28.4	205	8.6			
175										21.7	194	8.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.5												
58				75.0	282	70.8									
60	69.2	279	72.9	73.7	281	67.5									
65	66.4	277	66.5	71.1	279	61.5									
70	63.7	274	60.9	68.4	278	56.5									
75	60.8	272	55.6	65.7	275	51.8									
80	57.9	268	51.2	62.9	273	47.6									
85	54.8	265	47.3	60.0	270	44.0									
90	51.7	261	44.0	57.1	267	40.9									
95	48.4	257	41.0	54.0	263	38.1									
95							67.0	272	29.8						
100	44.9	252	38.3	50.8	259	35.6	65.0	270	28.4						
105	41.2	246	35.9	47.4	255	33.4	62.2	268	26.6						
110	37.1	240	33.8	44.7	251	30.6	59.3	265	24.9						
115	33.7	234	25.1	41.0	245	29.6	56.3	262	23.4						
120	28.7	226	23.5	36.9	239	27.9	53.2	258	22.1						
125	22.8	215	21.9	32.4	231	26.4	50.0	254	20.8						
130				27.2	222	25.0	46.6	249	19.7						
135				20.8	210	23.4	43.0	244	18.6						
140										57.0	252	11.6			
140							39.1	238	17.7	57.0	252	11.5			
145							34.9	231	16.7	54.5	250	11.0			
150							30.1	223	15.9	51.4	246	10.4			
155							24.4	213	15.1	48.0	241	9.8			
160							17.0	199	14.3	44.5	236	9.2			
165										40.8	231	8.7			
170										36.7	224	8.2			
175										32.1	217	7.8			
180										26.9	207	7.3			
185										20.4	195	6.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 161  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 125 ft luffing jib 161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	66.7									
65	68.4	288	65.9	72.6	290	60.9									
70	65.9	285	60.5	70.2	288	55.9									
75	63.3	283	55.5	67.7	286	51.6									
80	60.7	280	51.0	65.2	284	47.4									
85	58.0	277	47.1	62.6	281	43.8									
90	55.2	274	43.8	60.0	278	40.6									
95	52.3	270	40.8	57.2	275	37.9									
99							67.0	281	28.4						
100	49.3	266	38.1	54.4	272	35.4	67.0	281	28.0						
105	46.2	261	35.8	51.5	268	33.2	64.6	279	26.3						
110	42.8	256	33.6	49.2	265	31.2	62.0	276	24.7						
115	40.1	251	24.9	46.0	260	29.4	59.3	273	23.2						
120	36.3	244	23.4	42.7	254	27.8	56.6	270	21.8						
125	32.1	237	22.1	39.1	249	26.3	53.8	266	20.6						
130	27.4	228	20.9	35.2	242	24.9	50.8	262	19.5						
135	21.6	216	19.7	30.9	234	23.6	47.7	258	18.4						
140				25.9	224	22.4	44.5	253	17.4						
145				19.7	212	21.2	41.0	247	16.5						
145										57.0	261	10.4			
150							37.3	241	15.7	54.9	258	10.0			
155							33.2	234	14.9	52.1	254	9.4			
160							28.6	225	14.1	49.0	250	8.9			
165							23.2	214	13.4	45.9	245	8.4			
170										42.5	240	7.9			
175										38.9	234	7.5			
180										35.0	227	7.1			
185										30.6	219	6.7			
190										25.6	209	6.3			
195										19.3	196	5.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	62.6									
65	70.1	298	60.6	74.0	300	60.0									
70	67.8	296	59.2	71.7	299	55.1									
75	65.4	294	55.1	69.4	297	50.8									
80	63.1	291	50.7	67.1	295	47.1									
85	60.6	289	46.9	64.8	292	43.5									
90	58.1	285	43.5	62.4	290	40.3									
95	55.5	282	40.5	59.9	287	37.5									
100	52.9	278	37.9	57.4	284	35.1									
103							67.0	290	26.2						
105	50.1	274	35.5	55.4	281	32.2	66.6	290	25.9						
110	47.3	270	33.4	52.8	277	30.9	64.2	287	24.2						
115	45.0	266	25.4	50.0	273	29.1	61.8	285	22.8						
120	41.8	260	23.7	47.1	269	27.5	59.3	282	21.4						
125	38.4	254	22.1	44.1	264	26.0	56.8	279	20.2						
130	34.8	247	20.9	40.9	258	24.5	54.2	275	19.1						
135	30.7	239	19.9	37.4	252	22.8	51.5	271	18.0						
140	26.1	230	18.9	33.7	244	21.7	48.7	267	17.1						
145	20.5	218	17.9	29.5	236	20.7	45.7	262	16.2						
150				24.7	226	19.8	42.6	257	15.3						
151										57.0	269	9.1			
155							39.3	251	14.5	55.3	267	8.8			
160							35.7	244	13.8	52.6	263	8.2			
165							31.8	236	13.1	49.9	259	7.8			
170							27.4	227	12.5	47.0	254	7.3			
175							22.1	216	11.8	43.9	249	6.9			
180										40.7	243	6.5			
185										37.3	237	6.1			
190										33.5	230	5.7			
195										29.3	221	5.4			
200										24.4	211	5.1			
205										18.3	198	4.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 144 ft luffing jib 161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	54.2									
75	67.2	305	52.5	70.9	307	50.0									
80	65.0	302	50.4	68.8	305	46.3									
85	62.8	300	46.6	66.6	303	43.1									
90	60.5	297	43.2	64.4	301	40.0									
95	58.2	294	40.2	62.2	298	37.2									
100	55.8	291	37.6	59.9	295	34.7									
105	53.4	287	35.2	58.1	293	30.9									
107							67.0	299	24.4						
110	50.8	283	33.1	55.7	290	29.6	66.1	298	23.8						
115	48.8	280	25.7	53.3	286	28.5	63.9	296	22.3						
120	46.1	275	24.0	50.7	282	27.2	61.6	293	21.0						
125	43.2	270	22.5	48.1	277	25.6	59.3	290	19.8						
130	40.2	264	21.1	45.3	273	23.9	57.0	287	18.6						
135	36.9	257	19.8	42.4	267	22.3	54.6	284	17.6						
140	33.4	250	18.9	39.3	261	20.9	52.1	280	16.7						
145	29.5	242	18.1	36.0	255	19.7	49.5	275	15.8						
150	25.0	231	17.4	32.4	247	19.0	46.8	271	14.9						
155	19.6	219	16.6	28.3	238	18.2	43.9	266	14.2						
156										57.0	277	7.9			
160				23.6	227	17.5	40.9	260	13.5	55.6	275	7.6			
165							37.8	254	12.8	53.1	271	7.1			
170							34.3	247	12.1	50.6	267	6.7			
175							30.5	239	11.5	47.9	263	6.3			
180							26.2	229	10.9	45.1	258	5.9			
185							21.1	217	10.4	42.2	253	5.5			
190										39.1	247	5.2			
195										35.8	240	4.8			
200										32.1	232	4.5			
205										28.1	223	4.2			
210										23.4	213	3.9			
215										17.4	198	3.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>154 ft luffing jib</b> <b>161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.4									
80	66.7	313	46.1	70.2	316	45.8									
85	64.7	311	45.1	68.2	314	42.6									
90	62.6	308	43.0	66.2	312	39.7									
95	60.5	305	40.0	64.1	309	36.9									
100	58.3	302	37.4	62.0	307	34.5									
105	56.1	299	35.0	60.4	305	32.3									
110	54.3	296	29.0	58.2	301	30.4									
111							67.0	308	22.8						
115	52.0	292	28.1	56.0	298	28.6	65.7	307	21.9						
120	49.5	288	26.7	53.7	294	26.9	63.6	304	20.7						
125	47.0	284	24.6	51.3	291	25.4	61.5	302	19.5						
130	44.4	279	22.6	48.8	286	24.0	59.4	299	18.4						
135	41.6	273	20.9	46.3	282	22.8	57.2	296	17.3						
140	38.7	267	19.2	43.6	276	21.6	54.9	292	16.4						
145	35.5	260	17.8	40.8	271	20.5	52.6	288	15.5						
150	32.1	253	17.1	37.8	264	19.5	50.2	284	14.7						
155	28.4	244	16.4	34.6	257	18.6	47.7	280	13.9						
160	24.0	233	15.7	31.1	249	17.7	45.1	275	13.2						
161										57.0	285	6.9			
165	18.7	220	15.0	27.2	240	16.8	42.3	269	12.5	55.8	284	6.7			
170				22.7	229	16.0	39.4	263	11.9	53.5	280	6.3			
175							36.4	257	11.3	51.2	276	5.9			
180							33.0	249	10.7	48.7	272	5.5			
185							29.4	241	10.2	46.2	267	5.1			
190							25.2	231	9.7	43.5	262	4.7			
195							20.2	218	9.2	40.7	256	4.4			
200										37.7	250	4.1			
205										34.5	243	3.8			
210										30.9	235	3.5			
215										27.0	225	3.2			
220										22.4	214	3.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 164 ft luffing jib 161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	41.9									
90	64.4	319	40.0	67.7	322	39.0									
95	62.4	317	39.4	65.8	320	36.5									
100	60.4	314	37.1	63.8	318	34.1									
105	58.4	311	34.7	62.3	316	32.0									
110	56.8	308	30.5	60.3	313	30.0									
115							67.0	317	21.3						
115	54.6	305	29.6	58.3	310	28.2	67.0	317	21.1						
120	52.4	301	28.9	56.2	307	26.6	65.3	315	20.0						
125	50.2	297	27.4	54.0	303	25.1	63.4	313	18.9						
130	47.8	293	25.4	51.8	299	23.7	61.4	310	17.8						
135	45.4	288	23.2	49.5	295	22.5	59.4	307	16.8						
140	42.9	282	21.1	47.2	290	21.3	57.3	304	15.9						
145	40.2	277	19.2	44.7	285	20.2	55.2	301	15.1						
150	37.3	270	17.5	42.1	280	19.2	53.0	297	14.3						
155	34.3	263	16.2	39.4	274	18.3	50.8	293	13.5						
160	31.0	255	15.6	36.5	267	17.4	48.4	288	12.8						
165	27.3	246	15.0	33.4	260	16.6	46.0	284	12.2						
167										57.0	294	5.8			
170		235	14.4	30.0	252	15.8	43.5	279	11.5	56.1	292	5.6			
175	18.0	221	13.8	26.2	242	15.0	40.9	273	10.9	53.9	289	5.2			
180				21.8	230	14.3	38.1	267	10.4	51.7	285	4.9			
185							35.1	260	9.8	49.4	280	4.5			
190							31.9	252	9.3	47.0	276	4.1			
195							28.3	243	8.8	44.6	271	3.8			
200							24.2	233	8.4	42.0	265	3.5			
205							19.4	220	7.9	39.3	259	3.2			
210										36.4	253	2.9			
215										33.2	245	2.7			
220										29.8	237	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>174 ft luffing jib</b> <b>161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	35.8									
100	62.2	325	35.0	65.4	329	33.6									
105	60.4	322	34.3	64.0	327	31.7									
110	58.9	320	31.0	62.2	324	29.7									
115	56.9	317	29.6	60.3	321	27.9									
118							67.0	326	19.5						
120	54.9	313	28.4	58.3	318	26.3	66.8	326	19.3						
125	52.9	310	27.1	56.4	315	24.8	65.0	324	18.2						
130	50.7	306	25.6	54.3	312	23.4	63.2	321	17.2						
135	48.6	301	24.3	52.3	308	22.1	61.3	319	16.2						
140	46.3	297	22.4	50.1	304	21.0	59.4	316	15.3						
145	43.9	291	20.5	47.9	299	19.9	57.4	312	14.5						
150	41.5	286	18.8	45.6	294	18.9	55.4	309	13.7						
155	38.9	280	17.2	43.3	289	17.9	53.4	305	13.0						
160	36.1	273	15.7	40.8	283	17.1	51.3	301	12.3						
165	33.2	266	15.0	38.1	277	16.3	49.1	297	11.7						
170	30.0	257	14.5	35.3	270	15.5	46.9	293	11.1						
172										57.0	302	4.7			
175	26.4	248	14.1	32.3	263	14.7	44.5	288	10.5	56.3	301	4.6			
180	22.3	236	13.6	29.0	254	14.1	42.1	282	10.0	54.2	297	4.2			
185				25.3	244	13.4	39.5	276	9.5	52.2	293	3.9			
190				21.0	232	12.8	36.8	270	9.0	50.0	289	3.5			
195							33.9	262	8.5	47.8	285	3.2			
200							30.8	254	8.1	45.5	280	2.9			
205							27.3	245	7.6	43.1	275	2.6			
210							23.4	234	7.2	40.6	269	2.4			
215							18.6	221	6.8						



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.1									
105	62.5	334	30.4	65.5	338	31.2									
110	60.7	332	29.6	63.8	335	29.4									
115	58.9	329	28.5	62.0	333	27.6									
120	57.1	325	27.4	60.2	330	26.0									
122							67.0	335	18.1						
125	55.2	322	26.5	58.4	327	24.5	66.4	335	17.8						
130	53.2	318	25.4	56.5	324	23.1	64.7	332	16.7						
135	51.2	314	24.0	54.6	320	21.9	63.0	330	15.8						
140	49.2	310	22.8	52.7	316	20.7	61.2	327	14.9						
145	47.1	305	21.6	50.7	312	19.6	59.4	324	14.1						
150	44.9	300	20.0	48.6	308	18.6	57.5	321	13.3						
155	42.6	295	18.4	46.5	303	17.7	55.6	318	12.6						
160	40.2	289	16.9	44.3	298	16.8	53.7	314	11.9						
165	37.7	283	15.6	41.9	293	16.0	51.7	310	11.3						
170	35.0	276	14.4	39.5	287	15.2	49.7	306	10.7						
175	32.1	268	14.1	37.0	280	14.5	47.6	301	10.1						
177										57.0	310	3.9			
180	29.0	260	13.7	34.2	273	13.8	45.4	297	9.6	56.4	309	3.8			
185	25.5	250	13.4	31.3	265	13.2	43.2	291	9.1	54.5	306	3.5			
190	21.5	238	13.0	28.1	256	12.6	40.8	286	8.6	52.6	302	3.1			
195				24.5	246	12.0	38.3	279	8.1	50.6	298	2.8			
200				20.3	233	11.4	35.7	273	7.7	48.5	293	2.5			
205							32.9	265	7.3	46.4	289	2.2			
210							29.8	257	6.9						
215							26.4	247	6.6						
220							22.6	236	6.2						
225							17.9	222	5.8						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	25.6									
125	57.2	334	24.1	60.2	338	24.2									
126							67.0	344	16.7						
130	55.4	330	23.3	58.5	335	22.8	66.1	343	16.1						
135	53.6	327	22.6	56.7	332	21.5	64.4	341	15.1						
140	51.7	323	21.9	54.9	329	20.4	62.8	338	14.3						
145	49.7	319	21.1	53.0	325	19.3	61.1	336	13.4						
150	47.8	314	20.0	51.2	321	18.3	59.4	333	12.7						
155	45.7	309	18.9	49.2	317	17.4	57.6	329	12.0						
160	43.6	304	17.9	47.2	312	16.5	55.8	326	11.3						
165	41.4	299	17.0	45.1	307	15.7	54.0	323	10.7						
170	39.0	293	16.2	43.0	302	14.9	52.2	319	10.1						
175	36.6	286	15.4	40.7	296	14.2	50.2	315	9.5						
180	34.0	279	14.7	38.4	290	13.5	48.3	310	9.0						
183										57.0	318	2.9			
185	31.2	271	14.2	35.9	283	12.9	46.2	305	8.5	56.6	318	2.8			
190	28.1	262	13.7	33.2	276	12.3	44.1	300	8.1	54.8	314	2.5			
195	24.7	251	13.1	30.4	268	11.7	41.9	295	7.6	52.9	310	2.2			
200	20.8	239	12.5	27.2	258	11.1	39.6	289	7.2						
205				23.7	247	10.6	37.2	282	6.8						
210				19.6	234	10.1	34.7	275	6.4						
215							31.9	268	6.0						
220							28.9	259	5.7						
225							25.6	249	5.4						
230							21.9	237	5.0						
235							17.3	223	4.7						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>66 ft luffing jib</b> <b>171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	120.7												
45	67.4	242	105.5												
46				75.0	244	95.4									
50	62.5	239	93.6	71.3	243	86.7									
55	57.4	236	84.0	66.6	241	77.8									
60	51.9	232	75.3	61.6	238	70.3									
65	45.9	228	67.9	56.4	235	63.3									
70	39.2	222	61.6	50.9	231	57.6									
75	31.3	214	56.4	44.8	226	52.7									
79							67.0	236	40.1						
80	23.5	206	33.0	38.0	220	48.4	65.6	236	39.1						
85				29.7	212	44.8	60.6	233	36.2						
90				21.3	203	33.0	55.4	229	33.6						
95							51.1	226	31.4						
100							45.0	222	29.3						
105							38.2	216	27.4						
110							30.0	208	25.7						
117										57.0	220	16.2			
120										55.2	219	15.9			
125										49.6	215	14.9			
130										43.3	210	14.1			
135										36.2	203	13.3			
140										27.5	195	12.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>76 ft luffing jib</b> <b>171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	119.2												
45	70.5	253	104.2												
49				75.0	254	88.5									
50	66.4	250	92.4	73.8	253	85.5									
55	62.1	248	83.0	69.8	251	76.7									
60	57.7	245	75.1	65.7	249	69.5									
65	52.9	241	67.7	61.4	247	63.1									
70	47.9	237	61.5	56.9	243	57.3									
75	42.4	231	56.3	52.1	240	52.4									
80	36.2	225	51.8	47.0	235	48.3									
82							67.0	245	37.2						
85	28.7	217	47.9	41.4	230	44.6	64.8	244	35.7						
90	21.4	208	31.4	35.0	223	41.4	60.5	241	33.2						
95				27.3	214	38.6	57.0	239	31.0						
100							52.2	235	28.9						
105							47.1	230	27.1						
110							41.5	225	25.4						
115							35.2	218	23.9						
120							27.5	210	22.5						
123										57.0	228	14.7			
125										55.8	227	14.5			
130										51.0	223	13.6			
135										45.7	219	12.9			
140										40.0	213	12.1			
145										33.4	206	11.4			
150										25.2	196	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 85 ft luffing jib 171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	102.9												
50	69.3	261	91.3												
51				75.0	263	82.3									
55	65.6	259	82.0	72.2	262	75.7									
60	61.8	256	74.3	68.7	260	68.5									
65	57.9	253	67.5	65.0	258	62.6									
70	53.7	250	61.3	61.1	255	57.0									
75	49.4	246	56.1	57.2	252	52.1									
80	44.7	241	51.7	53.0	248	48.0									
85	39.5	235	47.8	48.6	244	44.4									
86							67.0	254	34.6						
90	33.7	228	44.4	43.8	239	41.2	65.1	253	32.8						
95	26.7	219	41.3	38.5	233	38.4	61.3	250	30.5						
100	19.7	209	27.5	32.5	225	35.9	57.3	247	28.5						
105				25.3	216	33.6	53.1	244	26.7						
110							48.7	239	25.1						
115							44.0	234	23.6						
120							38.7	228	22.2						
125							32.7	221	21.0						
128										57.0	237	13.3			
130										56.2	236	13.2			
135							25.5	211	19.8	52.0	232	12.4			
140										47.5	228	11.7			
145										42.6	222	11.0			
150										37.2	216	10.4			
155										31.0	208	9.8			
160										23.3	198	9.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom                      95 ft luffing jib                      171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	90.5												
54				75.0	273	77.1									
55	68.3	270	81.2	74.1	272	74.9									
60	65.0	267	73.6	71.0	271	67.9									
65	61.6	265	67.2	67.2	269	61.9									
70	58.0	262	61.2	64.4	266	56.8									
75	54.4	258	56.0	61.0	263	52.0									
80	50.5	254	51.5	57.4	260	47.8									
85	46.4	250	47.7	53.7	257	44.2									
90	42.0	244	44.3	49.8	253	41.1									
90							67.0	263	31.9						
95	37.1	238	41.3	45.6	248	38.3	64.5	262	30.3						
100	31.6	230	38.6	41.1	242	35.8	61.1	259	28.3						
105	24.9	220	36.2	36.2	236	33.6	57.5	256	26.5						
110				31.9	230	30.7	53.8	252	24.9						
115				25.4	220	28.4	49.9	248	23.4						
120							45.8	243	22.1						
125							41.3	238	20.8						
130							36.4	231	19.7						
133										57.0	245	12.1			
135										56.6	244	12.1			
140							30.7	223	18.6	52.8	241	11.4			
145							23.8	213	17.6	52.8	241	11.4			
145										48.9	236	10.8			
150										44.6	232	10.2			
155										40.1	226	9.6			
160										35.0	219	9.1			
165										29.1	211	8.6			
170										21.7	199	8.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	80.2												
56				75.0	282	72.1									
60	67.5	278	72.7	72.8	281	66.9									
65	64.5	276	66.4	69.9	279	61.1									
70	61.4	273	60.9	67.0	277	56.1									
75	58.2	270	55.7	63.9	275	51.6									
80	54.9	267	51.3	60.8	272	47.5									
85	51.4	263	47.4	57.6	269	43.9									
90	47.7	258	44.1	54.3	265	40.8									
94							67.0	272	30.2						
95	43.9	253	41.1	50.8	261	38.0	67.0	272	29.8						
100	39.7	248	38.4	47.1	257	35.5	64.0	270	27.8						
105	35.0	241	36.0	43.2	252	33.3	60.9	267	26.1						
110	29.8	232	33.9	39.9	247	30.1	57.7	264	24.5						
115	25.0	225	23.4	35.3	240	29.2	54.4	261	23.0						
120				30.1	232	27.2	50.9	257	21.7						
125				23.8	222	25.1	47.2	252	20.5						
130							43.3	247	19.3						
135							39.0	241	18.3						
139										57.0	253	10.8			
140							34.3	234	17.3	56.9	253	10.7			
145							29.0	226	16.4	53.5	249	10.1			
150							22.4	215	15.6	49.9	245	9.6			
155										46.2	240	9.0			
160										42.2	235	8.5			
165										37.9	229	8.1			
170										33.0	222	7.6			
175										27.4	213	7.2			
180										20.3	201	6.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 115 ft luffing jib 171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	67.6									
60	69.5	289	71.8	74.3	291	65.9									
65	66.8	287	65.5	71.7	290	60.2									
70	64.0	284	60.2	69.1	288	55.2									
75	61.2	282	55.5	66.3	286	51.0									
80	58.3	279	51.0	63.6	283	47.1									
85	55.3	275	47.2	60.7	280	43.6									
90	52.1	272	43.8	57.8	277	40.4									
95	48.8	267	40.8	54.7	274	37.7									
98							67.0	282	27.8						
100	45.4	262	38.2	51.6	270	35.2	66.4	281	27.4						
105	41.7	257	35.8	49.0	267	31.8	63.6	279	25.6						
110	37.7	251	33.7	45.6	262	30.2	60.8	276	24.0						
115	34.3	245	24.0	41.9	256	28.7	57.9	273	22.6						
120	29.5	237	22.5	37.9	250	27.4	54.8	269	21.3						
125	23.7	226	21.0	33.5	243	26.0	51.7	265	20.1						
130				28.5	234	24.3	48.4	261	19.0						
135				22.5	223	22.6	44.9	256	17.9						
140							41.1	251	17.0						
144										57.0	261	9.5			
145							37.1	244	16.1	57.0	261	9.4			
150							32.6	237	15.3	54.0	258	8.9			
155							27.4	228	14.5	50.8	254	8.4			
160							21.1	216	13.7	47.5	249	7.9			
165										43.9	244	7.4			
170										40.1	239	7.0			
175										36.0	232	6.6			
180										31.3	224	6.2			
185										25.9	214	5.9			
190										19.1	202	5.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 98.5  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 125 ft luffing jib 171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	63.7									
65	68.8	298	64.5	73.2	300	59.5									
70	66.2	295	59.6	70.8	298	54.6									
75	63.7	293	55.1	68.3	296	50.4									
80	61.1	290	50.8	65.8	294	46.8									
85	58.4	287	47.0	63.2	292	43.3									
90	55.6	284	43.6	60.6	289	40.2									
95	52.7	280	40.6	57.9	286	37.5									
100	49.8	276	38.0	55.1	282	35.0									
102							67.0	291	26.0						
105	46.6	271	35.6	52.9	279	32.5	65.9	290	25.3						
110	43.3	266	33.5	49.9	275	30.9	63.3	287	23.8						
115	40.6	262	24.0	46.8	271	29.1	60.7	284	22.3						
120	36.9	255	22.4	43.5	266	27.5	58.0	281	21.0						
125	32.7	248	21.2	40.0	260	25.7	55.2	278	19.8						
130	28.1	239	19.9	36.2	253	24.3	52.3	274	18.7						
135	22.5	228	18.7	32.0	245	23.0	49.3	270	17.7						
140				27.2	236	21.7	46.2	265	16.7						
145				21.3	225	20.3	42.8	260	15.9						
149										57.0	270	8.5			
150							39.3	254	15.0	57.0	270	8.4			
155							35.4	247	14.3	54.5	266	8.0			
160							31.1	239	13.6	51.6	263	7.5			
165							26.1	230	12.9	48.5	258	7.0			
170							20.0	217	12.2	45.3	253	6.6			
175										41.9	248	6.2			
180										38.3	242	5.8			
185										34.3	235	5.5			
190										29.8	226	5.2			
195										24.6	216	4.8			
200										18.0	203	4.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>66 ft luffing jib</b> <b>84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	173.5												
35	71.2	157	141.6												
35				75.0	158	134.9									
40	66.4	155	116.6	70.8	157	113.1									
45	61.5	152	98.9	66.0	154	95.9									
50	56.3	149	85.6	61.1	152	83.1									
55	50.7	145	75.4	55.8	148	73.2									
56							67.0	153	65.3						
60	44.6	140	67.2	50.2	144	65.2	63.2	151	59.8						
65	37.7	134	60.5	44.1	139	58.7	58.1	148	53.9						
70	29.4	126	54.8	37.1	133	53.3	52.7	144	48.9						
75	17.5	113	50.0	28.6	125	48.6	46.8	139	44.7						
80							40.2	134	41.0						
81										57.0	142	36.1			
85							32.5	126	37.9	52.1	138	33.7			
90							22.4	116	35.0	47.6	135	31.3			
95										41.2	129	29.1			
100										33.7	122	27.1			
122													37.0	108	15.3
125													34.0	105	15.0
130													24.5	95	14.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	140.7												
38				75.0	168	121.6									
40	69.7	166	116.5	73.4	167	112.9									
45	65.5	164	98.8	69.4	165	95.7									
50	61.2	161	85.5	65.2	163	82.9									
55	56.7	158	75.3	60.9	160	73.0									
60	51.9	154	67.1	56.3	157	65.0	67.0	162	59.5						
65	46.8	149	60.4	51.5	153	58.6	62.7	159	53.6						
70	41.2	144	54.8	46.4	148	53.2	58.3	156	48.6						
75	34.7	137	50.1	40.7	143	48.6	53.6	152	44.4						
80	27.0	128	46.0	34.2	136	44.6	48.6	148	40.8						
85	18.9	118	33.0	26.3	127	41.2	43.2	143	37.7						
86										57.0	150	32.3			
90							37.1	137	35.0	54.3	148	30.9			
95							31.7	131	32.6	49.3	144	28.8			
100							22.9	120	30.4	44.0	139	26.9			
105										38.0	132	25.1			
110										31.0	125	23.5			
130													37.0	114	13.7
130													37.0	114	13.6
135													31.3	107	12.9
140													22.3	97	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	138.9												
40	72.1	176	116.3												
41				75.0	177	110.5									
45	68.5	174	98.6	71.9	176	95.5									
50	64.8	172	85.4	68.2	174	82.7									
55	61.0	169	75.1	64.5	171	72.7									
60	57.0	166	67.0	60.7	169	64.8									
64							67.0	171	54.5						
65	52.8	162	60.3	56.7	165	58.4	66.1	170	53.2						
70	48.4	158	54.7	52.5	162	53.0	62.4	168	48.3						
75	43.6	153	50.0	48.1	157	48.4	58.4	165	44.1						
80	38.3	147	46.0	43.2	152	44.5	54.3	161	40.5						
85	32.3	140	42.4	37.9	146	41.1	50.0	157	37.4						
90	25.0	130	39.3	31.8	138	38.1	45.3	152	34.7						
91										57.0	158	29.5			
95										54.9	156	28.4			
100	17.3	119	33.0	24.3	128	35.4	35.9	141	30.2	50.6	152	26.5			
105							29.5	133	28.3	46.0	148	24.8			
110							21.2	122	26.5	41.0	142	23.3			
115										35.4	135	21.8			
120										28.8	127	20.5			
138													37.0	120	12.0
140													35.6	118	11.8
145													29.1	110	11.2
150													20.6	98	10.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 95 ft luffing jib 84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	116.2												
43				75.0	187	101.3									
45	70.9	185	98.5	73.8	186	95.4									
50	67.6	183	85.3	70.6	184	82.5									
55	64.3	181	75.0	67.4	182	72.6									
60	60.8	178	66.9	64.0	180	64.7									
65	57.3	175	60.2	60.6	177	58.2									
68							67.0	180	50.3						
70	53.6	171	54.6	57.0	174	52.9	65.5	179	48.1						
75	49.7	167	49.9	53.3	170	48.3	62.1	176	43.9						
80	45.5	162	45.9	49.3	166	44.4	58.5	173	40.4						
85	41.0	157	42.4	45.2	161	41.0	54.9	170	37.3						
90	36.0	150	39.3	40.6	156	38.1	51.1	166	34.6						
95	30.3	142	36.6	35.6	149	35.4	48.0	162	32.3						
97										57.0	166	27.1			
100	23.3	131	34.2	29.8	141	33.1	43.7	157	30.1	55.4	165	26.3			
105				24.5	133	31.0	39.0	151	28.2	51.6	161	24.6			
110							33.7	144	26.4	47.5	156	23.1			
115							27.6	135	24.9	43.2	151	21.7			
120							19.7	123	23.4	38.5	145	20.4			
125										33.2	138	19.2			
130										26.9	129	18.1			
146													37.0	126	10.8
150													33.4	121	10.3
155													27.2	112	9.7
160													19.1	99	9.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      105 ft luffing jib                      84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	115.2												
45	72.7	195	98.3												
46				75.0	196	93.3									
50	69.8	194	85.1	72.5	195	82.3									
55	66.9	191	74.8	69.6	193	72.3									
60	63.8	189	66.6	66.6	191	64.4									
65	60.7	186	60.0	63.6	188	58.0									
70	57.5	183	54.4	60.5	186	52.6									
72							67.0	189	46.4						
75	54.1	180	49.7	57.2	182	48.1	64.9	187	43.6						
80	50.6	176	45.7	53.9	179	44.2	61.8	185	40.0						
85	47.0	171	42.2	50.4	175	40.8	58.6	182	36.9						
90	43.0	166	39.2	46.7	170	37.8	55.3	178	34.2						
95	38.7	160	36.5	42.7	165	35.2	52.7	175	31.9						
100	34.0	153	34.1	39.4	160	33.0	49.1	171	29.8						
102										57.0	175	24.8			
105	29.9	146	32.0	34.8	153	30.9	45.3	166	27.9	55.8	173	24.2			
110	23.6	136	30.0	29.5	145	29.0	41.3	161	26.2	52.4	170	22.7			
115				23.0	134	27.2	36.8	154	24.6	48.8	165	21.3			
120							31.8	147	23.2	45.0	160	20.1			
125							26.0	137	21.9	40.9	155	18.9			
130							18.3	124	20.6	36.4	148	17.9			
135										31.3	140	16.9			
140										25.3	131	15.9			
153													37.0	132	9.4
155													36.6	131	9.4
160													31.5	123	8.8
165													25.6	113	8.3
170													17.8	100	7.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      115 ft luffing jib                      84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	98.1												
48				75.0	206	86.3									
50	71.6	204	84.8	74.1	205	82.0									
55	69.0	202	74.6	71.4	204	72.1									
60	66.2	200	66.4	68.8	202	64.2									
65	63.5	198	59.7	66.0	199	57.7									
70	60.6	195	54.2	63.2	197	52.3									
75	57.7	192	49.5	60.4	194	47.8									
75							67.0	198	42.9						
80	54.6	188	45.5	57.4	191	43.9	64.4	196	39.7						
85	51.5	184	42.0	54.4	187	40.5	61.6	193	36.6						
90	48.1	180	39.0	51.2	183	37.6	58.7	190	33.9						
95	44.6	175	36.3	47.9	179	35.0	56.4	187	31.6						
100	40.9	169	33.9	45.2	175	32.7	53.3	184	29.5						
105	37.8	164	31.8	41.5	170	30.7	50.1	180	27.6						
107										57.0	183	22.8			
110	33.4	157	29.9	37.5	163	28.8	46.7	175	25.9	56.1	182	22.3			
115	28.4	148	28.1	33.0	156	27.1	43.1	170	24.3	53.0	178	21.0			
120	22.3	137	26.4	27.9	147	25.5	39.2	164	22.9	49.8	174	19.7			
125				21.7	136	24.0	35.0	157	21.6	46.4	169	18.6			
130							30.2	149	20.4	42.7	164	17.5			
135							24.6	139	19.3	38.8	158	16.5			
140							17.2	125	18.2	34.5	151	15.6			
145										29.7	143	14.8			
150										24.0	132	14.0			
161													37.0	137	8.2
165													34.7	134	8.0
170													29.9	125	7.5
175													24.2	115	7.0
180													16.7	101	6.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	84.7												
51				75.0	215	80.2									
55	70.7	213	74.4	72.9	214	71.9									
60	68.2	211	66.2	70.5	212	64.0									
65	65.7	209	59.6	68.0	210	57.5									
70	63.1	206	54.0	65.5	208	52.1									
75	60.5	203	49.3	62.9	205	47.6									
79							67.0	207	40.0						
80	57.8	200	45.3	60.3	203	43.7	66.6	207	39.4						
85	55.0	197	41.8	57.6	199	40.3	64.1	204	36.4						
90	52.1	193	38.8	54.8	196	37.4	61.4	201	33.7						
95	49.1	189	36.1	51.9	192	34.8	59.4	199	31.4						
100	45.9	184	33.7	49.6	189	32.6	56.7	196	29.3						
105	43.4	180	31.7	46.5	184	30.5	53.8	192	27.4						
110	39.9	174	29.7	43.1	179	28.6	50.9	188	25.7						
113										57.0	191	21.0			
115	36.0	167	28.0	39.6	173	26.9	47.8	184	24.1	56.4	190	20.7			
120	31.8	160	26.4	35.7	166	25.4	44.6	179	22.7	53.5	187	19.5			
125	27.0	150	24.9	31.5	159	24.0	41.1	173	21.4	50.6	183	18.3			
130	21.1	139	23.5	26.6	149	22.6	37.4	167	20.3	47.5	178	17.3			
135				20.6	137	21.4	33.4	160	19.2	44.2	173	16.3			
140							28.8	151	18.1	40.8	167	15.4			
145							23.3	140	17.2	37.0	161	14.6			
150										32.9	154	13.8			
155										28.3	145	13.1			
160										22.7	134	12.4			
169													37.0	143	7.3
170													37.0	143	7.2
175													33.1	136	6.8
180													28.5	128	6.4
185													23.0	117	6.0
190													15.7	102	5.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	74.7									
55	72.2	223	74.2	74.2	224	71.6									
60	69.9	221	66.0	72.0	223	63.7									
65	67.6	219	59.3	69.7	221	57.2									
70	65.3	217	53.8	67.4	219	51.8									
75	62.9	215	49.1	65.1	216	47.3									
80	60.4	212	45.1	62.7	214	43.4									
83							67.0	216	37.1						
85	57.9	209	41.6	60.3	211	40.1	66.1	215	36.0						
90	55.4	205	38.5	57.7	208	37.1	63.7	213	33.3						
95	52.7	201	35.9	55.2	205	34.5	61.9	211	31.0						
100	49.9	197	33.5	53.1	202	32.3	59.4	208	28.9						
105	47.7	194	31.4	50.4	198	30.2	56.9	204	27.1						
110	44.7	189	29.5	47.5	193	28.4	54.3	201	25.4						
115	41.6	183	27.7	44.5	188	26.7	51.6	197	23.8						
118										57.0	199	19.3			
120	38.2	177	26.1	41.3	183	25.1	48.7	193	22.4	56.6	199	19.1			
125	34.5	170	24.7	37.9	176	23.7	45.8	188	21.1	54.0	195	18.0			
130	30.4	162	23.3	34.2	169	22.4	42.7	183	20.0	51.3	191	16.9			
135	25.8	152	22.1	30.1	161	21.2	39.4	177	18.9	48.5	187	16.0			
140	20.1	140	20.9	25.4	151	20.1	35.8	170	17.9	45.5	182	15.1			
145				19.6	138	19.0	31.9	162	16.9	42.4	177	14.3			
150							27.5	153	16.0	39.1	171	13.5			
155							22.2	142	15.2	35.5	164	12.8			
160										31.5	156	12.1			
165										27.0	147	11.4			
170										21.7	135	10.8			
177													37.0	149	6.2
180													35.6	147	6.0
185													31.7	139	5.6
190													27.2	130	5.2
195													21.9	118	4.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	69.9									
60	71.3	232	65.7	73.3	233	63.4									
65	69.2	230	59.1	71.2	231	56.9									
70	67.1	228	53.5	69.1	229	51.6									
75	64.9	226	48.8	66.9	227	47.0									
80	62.7	223	44.8	64.7	225	43.1									
85	60.4	220	41.3	62.5	222	39.8									
87							67.0	225	34.6						
90	58.0	217	38.3	60.2	220	36.8	66.2	224	33.0						
95	55.6	214	35.6	57.9	216	34.2	64.0	222	30.7						
100	53.2	210	33.2	56.0	214	32.0	61.7	219	28.6						
105	51.2	207	31.2	53.6	210	29.9	59.4	216	26.7						
110	48.6	203	29.2	51.0	206	28.1	57.1	213	25.0						
115	45.9	198	27.5	48.4	202	26.4	54.6	209	23.5						
120	43.0	193	25.9	45.6	197	24.9	52.1	206	22.1						
124										57.0	208	17.7			
125	39.9	187	24.4	42.8	192	23.5	49.5	201	20.8	56.8	207	17.6			
130	36.7	180	23.1	39.7	186	22.2	46.8	197	19.6	54.4	204	16.5			
135	33.1	173	21.9	36.4	179	21.0	44.0	192	18.6	51.9	200	15.6			
140	29.2	164	20.7	32.8	172	19.9	41.0	186	17.6	49.3	196	14.7			
145	24.7	154	19.6	28.9	163	18.8	37.8	180	16.6	46.6	191	13.9			
150	19.2	141	18.6	24.3	153	17.9	34.4	173	15.8	43.7	186	13.1			
155				18.7	139	16.9	30.6	165	14.9	40.7	180	12.4			
160							26.3	155	14.2	37.5	174	11.8			
165							21.2	143	13.4	34.0	167	11.1			
170										30.2	159	10.5			
175										25.9	149	10.0			
180										20.7	137	9.4			
185													37.0	155	5.2
185													37.0	155	5.2
190													34.2	149	4.9
195													30.4	141	4.5
200													26.1	132	4.2
205													20.9	120	3.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 154 ft luffing jib 84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	56.7									
70	68.6	239	53.3	70.5	240	51.3									
75	66.6	236	48.6	68.5	238	46.8									
80	64.5	234	44.6	66.4	236	42.9									
85	62.4	232	41.1	64.4	233	39.5									
90	60.3	229	38.1	62.3	231	36.6									
91							67.0	234	31.9						
95	58.1	226	35.4	60.2	228	34.0	65.7	233	30.4						
100	56.4	223	33.0	58.5	226	31.8	63.7	230	28.3						
105	54.1	220	31.0	56.3	222	29.7	61.6	228	26.5						
110	51.8	216	29.0	54.0	219	27.9	59.4	225	24.8						
115	49.4	211	27.3	51.6	215	26.2	57.2	221	23.2						
120	46.8	207	25.7	49.2	211	24.7	54.9	218	21.8						
125	44.2	202	24.3	46.6	206	23.2	52.6	214	20.6						
129										57.0	216	16.4			
130	41.4	196	22.9	44.0	201	22.0	50.2	210	19.4	57.0	216	16.3			
135	38.5	190	21.7	41.2	195	20.8	47.7	206	18.3	54.7	212	15.3			
140	35.3	183	20.5	38.2	189	19.7	45.1	201	17.3	52.4	209	14.4			
145	31.9	175	19.5	35.1	182	18.6	42.4	195	16.4	50.0	204	13.6			
150	28.1	166	18.5	31.6	174	17.7	39.5	189	15.5	47.5	200	12.9			
155	23.7	156	17.6	27.8	165	16.8	36.4	183	14.7	44.9	195	12.2			
160	18.3	142	16.7	23.3	154	16.0	33.1	175	14.0	42.1	190	11.5			
165							29.5	167	13.3	39.2	184	10.9			
170							25.3	157	12.6	36.1	177	10.3			
175							20.3	145	11.9	32.8	169	9.7			
180										29.1	161	9.2			
185										24.9	151	8.7			
190										19.8	138	8.2			
193													37.0	161	4.3
195													36.3	160	4.3
200													32.9	152	3.9
205													29.2	143	3.6
210													25.0	133	3.3
215													20.0	121	3.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	51.0									
75	68.1	247	48.3	69.8	249	46.5									
80	66.2	245	44.3	67.9	247	42.6									
85	64.2	243	40.8	66.0	244	39.2									
90	62.3	240	37.8	64.1	242	36.3									
95							67.0	243	30.2						
95	60.3	237	35.1	62.1	239	33.7	67.0	243	29.7						
100	58.7	235	32.8	60.6	237	31.5	65.4	241	28.0						
105	56.6	232	30.7	58.5	234	29.4	63.4	239	26.1						
110	54.5	228	28.8	56.5	231	27.6	61.4	236	24.4						
115	52.3	224	27.0	54.3	227	25.9	59.4	233	22.9						
120	50.0	220	25.4	52.1	223	24.4	57.3	230	21.5						
125	47.7	216	24.0	49.8	219	23.0	55.2	227	20.2						
130	45.2	211	22.7	47.5	215	21.7	53.1	223	19.1						
134										57.0	224	15.0			
135	42.7	205	21.4	45.0	210	20.5	50.8	219	18.0	57.0	224	14.9			
140	40.0	200	20.3	42.5	205	19.4	48.5	214	17.0	55.0	221	14.1			
145	37.1	193	19.2	39.8	199	18.4	46.1	210	16.1	52.8	217	13.3			
150	34.1	186	18.3	36.9	192	17.4	43.6	205	15.2	50.6	213	12.5			
155	30.8	178	17.3	33.8	185	16.5	40.9	199	14.4	48.3	209	11.8			
160	27.1	168	16.5	30.5	177	15.7	38.2	193	13.7	45.8	204	11.2			
165	22.8	157	15.7	26.7	167	14.9	35.2	186	13.0	43.3	199	10.5			
170	17.5	143	14.9	22.4	156	14.2	32.0	178	12.3	40.7	193	10.0			
175							28.4	169	11.7	37.9	187	9.4			
180							24.4	159	11.1	34.9	180	8.9			
185							19.5	146	10.5	31.6	172	8.4			
190										28.0	163	7.9			
195										23.9	152	7.5			
200										19.0	139	7.0			
201													37.0	167	3.4
205													35.0	162	3.2
210													31.8	155	3.0
215													28.2	146	2.7
220													24.1	135	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.0	69.3	257	42.3									
85	65.8	254	40.6	67.5	255	38.9									
90	64.0	251	37.5	65.7	253	36.0									
95	62.1	248	34.8	63.8	250	33.4									
98							67.0	252	27.8						
100	60.7	246	32.6	62.4	248	31.2	66.9	252	27.6						
105	58.7	243	30.4	60.5	246	29.1	65.0	250	25.8						
110	56.8	240	28.5	58.6	243	27.3	63.2	247	24.1						
115	54.8	237	26.7	56.6	239	25.6	61.3	245	22.5						
120	52.7	233	25.2	54.6	236	24.1	59.4	242	21.2						
125	50.6	229	23.7	52.5	232	22.7	57.5	238	19.9						
130	48.4	224	22.4	50.4	228	21.4	55.5	235	18.7						
135	46.1	220	21.2	48.2	224	20.2	53.4	231	17.7						
140										57.0	232	13.7			
140	43.8	214	20.0	45.9	219	19.1	51.3	227	16.7	57.0	232	13.6			
145	41.3	209	19.0	43.6	214	18.1	49.2	223	15.7	55.3	229	12.9			
150	38.7	203	18.0	41.1	208	17.2	46.9	219	14.9	53.2	226	12.1			
155	35.9	196	17.1	38.5	202	16.3	44.6	214	14.1	51.1	222	11.4			
160	33.0	189	16.2	35.7	195	15.4	42.2	208	13.4	49.0	217	10.8			
165	29.7	180	15.4	32.7	188	14.7	39.6	202	12.7	46.7	213	10.2			
170	26.1	170	14.7	29.5	179	13.9	36.9	196	12.0	44.4	208	9.6			
175	22.0	159	13.9	25.8	169	13.2	34.0	188	11.4	41.9	202	9.1			
180	16.8	144	13.2	21.6	157	12.6	30.9	180	10.8	39.4	196	8.5			
185							27.4	171	10.2	36.6	190	8.1			
190							23.5	160	9.7	33.7	182	7.6			
195							18.8	147	9.2	30.6	174	7.2			
200										27.1	165	6.7			
205										23.1	154	6.3			
208													37.0	173	2.6
210													36.8	172	2.6
215													33.8	165	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	38.7									
90	65.5	262	37.3	67.1	264	35.8									
95	63.7	260	34.6	65.3	261	33.2									
100	62.4	258	32.3	64.0	260	31.0									
102							67.0	261	26.0						
105	60.6	255	30.2	62.2	257	28.9	66.5	261	25.5						
110	58.8	252	28.3	60.5	254	27.0	64.7	258	23.8						
115	56.9	249	26.5	58.6	251	25.4	63.0	256	22.3						
120	55.0	245	24.9	56.8	248	23.8	61.2	253	20.9						
125	53.1	241	23.5	54.9	244	22.4	59.4	250	19.6						
130	51.1	237	22.2	52.9	241	21.1	57.6	247	18.5						
135	49.0	233	20.9	50.9	237	20.0	55.7	244	17.4						
140	46.9	228	19.8	48.9	232	18.9	53.8	240	16.4						
145										57.0	241	12.5			
145	44.7	224	18.8	46.8	228	17.9	51.8	236	15.5	57.0	241	12.4			
150	42.4	218	17.8	44.5	223	16.9	49.8	232	14.6	55.5	238	11.9			
155	40.0	212	16.9	42.2	217	16.0	47.7	227	13.8	53.6	234	11.2			
160	37.5	206	16.0	39.8	211	15.2	45.5	223	13.1	51.6	230	10.5			
165	34.8	199	15.2	37.3	205	14.5	43.2	217	12.4	49.6	226	9.9			
170	31.9	191	14.5	34.6	198	13.7	40.9	212	11.7	47.5	222	9.3			
175	28.8	182	13.8	31.7	190	13.0	38.4	205	11.1	45.3	217	8.8			
180	25.3	172	13.1	28.5	181	12.4	35.8	199	10.5	43.0	211	8.3			
185	21.2	160	12.4	25.0	171	11.8	33.0	191	10.0	40.6	206	7.8			
190	16.2	145	11.8	20.9	159	11.2	29.9	183	9.5	38.1	199	7.3			
195							26.5	173	9.0	35.5	193	6.9			
200							22.7	162	8.5	32.7	185	6.5			
205							18.1	148	8.0	29.6	177	6.1			
210										26.2	167	5.7			
215										22.3	155	5.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	28.6									
106							67.0	270	24.3						
110	60.5	263	28.0	62.1	265	26.7	66.1	269	23.4						
115	58.8	260	26.2	60.4	263	25.1	64.5	267	21.9						
120	57.1	257	24.7	58.7	260	23.5	62.8	264	20.5						
125	55.3	254	23.2	56.9	256	22.1	61.1	261	19.3						
130	53.4	250	21.9	55.1	253	20.8	59.4	259	18.1						
135	51.5	246	20.7	53.3	249	19.7	57.7	255	17.1						
140	49.6	242	19.5	51.4	245	18.6	55.9	252	16.1						
145	47.6	237	18.5	49.5	241	17.6	54.1	248	15.2						
150	45.6	232	17.5	47.5	237	16.6	52.2	245	14.3						
150										57.0	249	11.3			
155	43.4	227	16.6	45.4	232	15.8	50.3	241	13.5	55.7	246	10.8			
160	41.2	222	15.7	43.3	226	14.9	48.3	236	12.8	53.9	243	10.1			
165	38.9	216	15.0	41.0	221	14.2	46.3	231	12.1	52.0	239	9.5			
170	36.4	209	14.2	38.7	215	13.4	44.2	226	11.4	50.1	235	9.0			
175	33.8	202	13.5	36.2	208	12.8	42.0	221	10.8	48.1	230	8.4			
180	31.0	194	12.8	33.6	201	12.1	39.7	215	10.2	46.1	226	7.9			
185	27.9	184	12.2	30.7	192	11.5	37.3	209	9.7	44.0	221	7.4			
190	24.5	174	11.6	27.7	183	10.9	34.7	201	9.2	41.8	215	7.0			
195	20.5	162	11.0	24.2	173	10.4	32.0	194	8.7	39.5	209	6.6			
200	15.5	146	10.4	20.2	160	9.8	29.0	185	8.2	37.0	203	6.1			
205							25.7	175	7.7	34.5	195	5.8			
210							22.0	163	7.3	31.7	188	5.4			
215							17.4	149	6.9	28.7	179	5.0			
220										25.4	169	4.7			
225										21.6	157	4.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>203 ft luffing jib</b> <b>84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	22.7						
115	60.5	272	24.9	62.0	274	24.8	65.8	278	21.6						
120	58.8	269	24.4	60.4	271	23.2	64.2	275	20.2						
125	57.2	266	22.9	58.7	268	21.8	62.7	273	18.9						
130	55.5	262	21.6	57.0	265	20.5	61.1	270	17.8						
135	53.7	259	20.4	55.3	261	19.4	59.4	267	16.7						
140	51.9	255	19.2	53.6	258	18.3	57.8	264	15.7						
145	50.1	251	18.2	51.8	254	17.3	56.1	261	14.8						
150	48.2	246	17.2	50.0	250	16.3	54.3	257	14.0						
155	46.3	241	16.3	48.1	245	15.5	52.6	253	13.2						
156										57.0	257	10.2			
160	44.3	236	15.5	46.2	241	14.6	50.8	249	12.4	55.9	255	9.7			
165	42.2	231	14.7	44.1	235	13.9	48.9	245	11.7	54.2	251	9.1			
170	40.1	225	13.9	42.1	230	13.2	47.0	240	11.1	52.4	248	8.6			
175	37.8	219	13.2	39.9	224	12.5	45.0	235	10.5	50.6	243	8.0			
180	35.4	212	12.6	37.6	218	11.8	43.0	230	9.9	48.7	239	7.5			
185	32.8	204	11.9	35.2	211	11.2	40.8	224	9.4	46.8	235	7.1			
190	30.1	196	11.3	32.6	203	10.7	38.6	218	8.8	44.8	230	6.6			
195	27.1	187	10.8	29.9	195	10.1	36.2	212	8.4	42.8	224	6.2			
200	23.7	176	10.2	26.8	185	9.6	33.8	204	7.9	40.6	218	5.8			
205	19.8	163	9.7	23.5	174	9.1	31.1	196	7.4	38.4	212	5.4			
210				19.5	161	8.6	28.2	187	7.0	36.0	206	5.0			
215							25.0	177	6.6	33.5	198	4.7			
220							21.3	165	6.2	30.8	190	4.3			
225							16.8	150	5.8	27.9	181	4.0			
230										24.6	170	3.7			
235										20.9	158	3.4			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	184.9												
30	76.4	169	170.7												
35	71.8	167	140.4												
37				75.0	168	127.7									
40	67.1	165	116.5	71.9	167	112.5									
45	62.2	163	98.8	67.2	165	95.4									
50	57.0	159	85.6	62.3	162	82.7									
55	51.5	156	75.3	57.1	159	72.8									
59							67.0	162	60.4						
60	45.5	151	67.1	51.6	155	64.9	65.7	161	58.7						
65	38.7	145	60.4	45.6	151	58.4	60.8	159	52.8						
70	30.6	137	54.8	38.9	145	53.0	55.5	155	48.0						
75	19.6	126	50.0	30.9	137	48.4	49.9	151	43.8						
80				23.0	129	33.0	43.7	146	40.3						
85										57.0	150	32.4			
85							36.6	140	37.2	57.0	150	31.9			
90							28.0	131	34.4	52.5	147	30.0			
95							18.9	122	32.0	46.6	143	27.9			
100										40.0	137	26.0			
105										32.2	130	24.3			
110										22.0	119	22.7			
129													37.0	115	12.8
130													37.0	115	12.6
135													28.6	107	11.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      76 ft luffing jib                      94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	138.6												
39				75.0	177	115.6									
40	70.2	176	116.4	74.4	177	112.3									
45	66.1	174	98.7	70.3	175	95.2									
50	61.8	171	85.5	66.2	173	82.4									
55	57.3	168	75.2	61.9	171	72.6									
60	52.6	164	67.1	57.4	168	64.7									
63							67.0	171	55.2						
65	47.5	160	60.4	52.7	164	58.2	64.9	170	52.5						
70	42.0	154	54.8	47.7	159	52.9	60.6	167	47.6						
75	35.7	148	50.1	42.1	154	48.3	56.0	164	43.5						
80	28.1	139	46.0	35.9	148	44.4	51.2	160	40.0						
85	17.7	126	42.4	28.4	139	41.0	46.0	155	37.0						
90				20.9	130	33.0	40.3	150	34.3						
90										57.0	159	29.1			
95										53.5	156	27.6			
100							35.4	144	31.9	48.5	152	25.7			
105							27.8	136	29.8	43.0	147	24.0			
110										36.9	140	22.5			
115										29.6	132	21.1			
120										20.0	120	19.8			
137													37.0	121	11.1
140													34.2	118	10.8
145													26.2	108	10.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	151.2												
35	76.1	188	136.9												
40	72.6	186	116.2												
42				75.0	187	105.5									
45	69.0	184	98.5	72.7	186	94.9									
50	65.3	182	85.3	69.1	184	82.2									
55	61.5	180	75.1	65.4	182	72.3									
60	57.6	176	66.9	61.6	179	64.5									
65	53.4	173	60.2	57.7	176	58.0									
66							67.0	180	50.7						
70	49.0	169	54.7	53.5	172	52.7	64.3	178	47.3						
75	44.3	164	50.0	49.2	168	48.1	60.5	176	43.2						
80	39.1	158	45.9	44.4	163	44.2	56.4	172	39.7						
85	33.2	151	42.4	39.2	157	40.9	52.2	169	36.7						
90	26.1	141	39.3	33.4	150	37.9	47.8	164	34.0						
95	16.1	127	36.5	26.3	141	35.2	44.1	160	31.7						
95										57.0	167	26.6			
100							38.9	154	29.6	54.2	165	25.3			
105							32.9	147	27.7	49.8	160	23.7			
110							25.7	138	25.9	45.2	156	22.2			
115										40.1	150	20.9			
120										34.3	143	19.6			
125										27.5	134	18.5			
130										18.3	121	17.4			
145													37.0	127	9.8
150													37.0	120	9.2
155													24.3	110	8.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      95 ft luffing jib                      94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	115.1												
44				75.0	196	96.9									
45	71.3	195	98.4	74.6	196	94.8									
50	68.1	193	85.2	71.4	195	82.1									
55	64.7	191	74.9	68.1	193	72.2									
60	61.3	188	66.8	64.8	190	64.3									
65	57.8	185	60.1	61.4	188	57.9									
70	54.1	181	54.6	57.9	185	52.5									
70							67.0	189	46.9						
75	50.2	177	49.9	54.2	181	48.0	63.8	187	43.0						
80	46.1	173	45.9	50.3	177	44.1	60.4	184	39.5						
85	41.6	167	42.4	46.2	172	40.8	56.8	181	36.5						
90	36.7	161	39.3	41.7	167	37.8	53.0	177	33.8						
95	31.1	153	36.6	36.9	160	35.2	50.0	174	31.6						
100	24.4	143	34.2	32.7	155	33.0	45.9	169	29.5						
101										57.0	175	24.4			
105				26.3	145	30.8	41.4	164	27.6	54.8	173	23.5			
110							36.5	157	25.9	50.9	169	22.0			
115							30.9	149	24.3	46.8	165	20.7			
120							24.0	139	22.9	42.5	159	19.5			
125										37.6	153	18.3			
130										32.2	146	17.3			
135										25.7	136	16.3			
153													37.0	133	8.6
155													35.6	131	8.5
160													29.8	122	8.0
165													22.6	112	7.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      105 ft luffing jib                      94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	113.7												
45	73.1	205	98.2												
47				75.0	206	89.4									
50	70.2	204	85.0	73.2	205	81.8									
55	67.3	202	74.7	70.3	203	71.9									
60	64.3	199	66.6	67.4	201	64.0									
65	61.1	197	59.9	64.3	199	57.6									
70	57.9	193	54.4	61.2	196	52.3									
74							67.0	198	43.3						
75	54.6	190	49.7	58.0	193	47.8	66.4	198	42.6						
80	51.1	186	45.7	54.7	190	43.9	63.4	195	39.2						
85	47.5	182	42.2	51.2	186	40.5	60.3	193	36.1						
90	43.6	176	39.1	47.6	181	37.6	57.0	189	33.5						
95	39.4	171	36.4	43.7	176	35.0	54.5	187	31.2						
100	34.7	164	34.0	40.5	172	32.8	51.0	183	29.1						
105	30.7	157	31.9	35.9	165	30.7	47.3	178	27.3						
106										57.0	183	22.4			
110	24.6	147	30.0	30.8	157	28.8	43.4	173	25.6	55.2	182	21.6			
115				24.7	147	27.1	39.2	167	24.1	51.8	178	20.3			
120							34.5	160	22.7	48.1	173	19.1			
125							29.1	152	21.4	44.3	168	18.0			
130							22.6	141	20.2	40.1	163	17.0			
135										35.6	156	16.0			
140										30.4	148	15.1			
145										24.2	138	14.3			
160													37.0	138	7.4
165													33.6	133	7.1
170													28.1	125	6.7
175													21.2	113	6.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 115 ft luffing jib 94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	97.6												
49				75.0	215	82.9									
50	72.0	214	84.7	74.7	215	81.5									
55	69.3	212	74.5	72.1	214	71.6									
60	66.6	210	66.3	69.4	212	63.7									
65	63.8	208	59.7	66.7	210	57.3									
70	61.0	205	54.1	63.9	207	52.0									
75	58.1	202	49.4	61.1	205	47.5									
78							67.0	207	40.2						
80	55.0	198	45.4	58.2	202	43.6	65.9	206	38.8						
85	51.9	195	42.0	55.1	198	40.3	63.1	204	35.8						
90	48.6	190	38.9	52.0	194	37.3	60.2	201	33.1						
95	45.1	185	36.2	48.7	190	34.7	57.9	199	30.9						
100	41.4	180	33.8	46.0	186	32.5	54.9	195	28.8						
105	38.4	175	31.8	42.4	181	30.5	51.8	191	27.0						
110	34.0	168	29.8	38.5	175	28.6	48.5	187	25.3						
112										57.0	192	20.5			
115	29.1	160	28.1	34.1	168	26.9	45.0	182	23.8	55.6	190	19.9			
120	23.2	149	26.4	29.2	159	25.3	41.2	177	22.4	52.5	186	18.7			
125				23.4	149	23.9	37.2	170	21.1	49.2	182	17.6			
130							32.7	163	19.9	45.8	177	16.6			
135							27.6	154	18.8	42.1	172	15.7			
140							21.3	142	17.8	38.1	166	14.8			
145										33.8	159	14.0			
150										28.8	150	13.2			
155										22.8	139	12.5			
168													37.0	144	6.3
170													36.4	143	6.3
175													31.9	136	5.9
180													26.6	126	5.5
185													20.0	114	5.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	84.6												
52				75.0	225	77.2									
55	71.0	223	74.3	73.5	224	71.4									
60	68.6	221	66.2	71.1	222	63.6									
65	66.1	219	59.5	68.6	220	57.1									
70	63.5	216	54.0	66.1	218	51.8									
75	60.9	213	49.3	63.6	216	47.3									
80	58.2	210	45.3	61.0	213	43.4									
82							67.0	216	37.4						
85	55.4	207	41.8	58.3	210	40.1	65.4	215	35.5						
90	52.5	203	38.7	55.5	207	37.1	63.4	213	33.0						
95	49.5	199	36.1	52.6	203	34.6	60.8	210	30.7						
100	46.4	194	33.7	50.3	200	32.3	58.1	207	28.6						
105	43.9	190	31.6	47.2	195	30.3	55.3	204	26.7						
110	40.4	185	29.7	43.9	190	28.4	52.4	200	25.1						
115	36.6	178	27.9	40.5	184	26.7	49.4	196	23.5						
117										57.0	200	18.9			
120	32.4	171	26.3	36.7	178	25.2	46.2	191	22.2	55.9	199	18.4			
125	27.7	162	24.9	32.5	170	23.8	42.9	186	20.9	53.1	195	17.4			
130	22.0	150	23.5	27.8	161	22.5	39.3	180	19.7	50.1	191	16.4			
135				22.2	150	21.3	35.5	173	18.7	47.0	186	15.4			
140							31.2	165	17.7	43.7	181	14.6			
145							26.2	156	16.7	40.2	175	13.8			
150							20.2	143	15.8	36.4	169	13.0			
155										32.2	161	12.3			
160										27.4	152	11.7			
165										21.7	141	11.0			
176													37.0	150	5.5
180													34.8	146	5.2
185													30.4	138	4.9
190													25.3	128	4.5
195													18.9	115	4.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	72.0									
55	72.5	233	74.1	74.8	234	71.1									
60	70.2	231	65.9	72.5	233	63.3									
65	67.9	229	59.2	70.3	231	56.8									
70	65.6	227	53.7	68.0	229	51.5									
75	63.2	225	49.0	65.7	227	47.0									
80	60.8	222	45.0	63.3	224	43.1									
85	58.3	219	41.5	60.8	222	39.8									
86							67.0	225	34.8						
90	55.7	216	38.5	58.3	218	36.9	65.5	224	32.6						
95	53.1	212	35.8	55.8	215	34.3	63.1	221	30.3						
100	50.3	208	33.4	53.8	212	32.1	60.7	219	28.2						
105	48.1	204	31.4	51.0	208	30.0	58.2	216	26.4						
110	45.2	199	29.5	48.2	204	28.2	55.6	212	24.7						
115	42.0	194	27.7	45.2	199	26.5	52.9	209	23.2						
120	38.7	188	26.1	42.1	194	24.9	50.2	204	21.8						
122										57.0	208	17.3			
125	35.0	181	24.7	38.7	188	23.5	47.3	200	20.6	56.2	207	17.0			
130	31.0	173	23.3	35.1	181	22.3	44.3	195	19.4	53.5	204	16.0			
135	26.5	164	22.1	31.1	173	21.1	41.1	189	18.4	50.8	200	15.1			
140	21.0	152	20.9	26.6	163	19.9	37.7	183	17.4	48.0	195	14.2			
145				21.1	152	18.9	34.0	176	16.5	45.0	190	13.4			
150							29.8	168	15.6	41.8	185	12.7			
155							25.0	157	14.8	38.5	179	12.0			
160							19.1	145	14.0	34.8	172	11.3			
165										30.8	164	10.7			
170										26.2	154	10.1			
175										20.6	142	9.6			
184													37.0	156	4.5
185													37.0	156	4.5
190													33.3	149	4.1
195													29.0	140	3.8
200													24.1	130	3.5
205													17.9	116	3.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	67.4									
60	71.6	242	65.6	73.8	243	62.9									
65	69.5	240	59.0	71.7	241	56.5									
70	67.4	238	53.4	69.6	240	51.2									
75	65.2	236	48.7	67.4	238	46.7									
80	63.0	233	44.7	65.2	235	42.8									
85	60.7	230	41.3	63.0	233	39.5									
89							67.0	235	32.4						
90	58.4	227	38.2	60.7	230	36.6	67.0	235	31.9						
95	56.0	224	35.5	58.4	227	34.0	65.1	233	29.9						
100	53.5	220	33.2	56.6	224	31.8	62.9	230	27.9						
105	51.6	217	31.1	54.2	221	29.7	60.6	227	26.0						
110	49.0	213	29.2	51.7	217	27.9	58.3	224	24.4						
115	46.2	208	27.4	49.0	213	26.2	55.9	221	22.9						
120	43.4	203	25.9	46.3	208	24.7	53.4	217	21.5						
125	40.4	197	24.4	43.5	203	23.3	50.9	213	20.2						
128										57.0	217	15.8			
130	37.1	191	23.1	40.4	197	22.0	48.2	209	19.1	56.4	216	15.6			
135	33.6	184	21.8	37.2	191	20.8	45.5	204	18.0	54.0	212	14.7			
140	29.8	175	20.7	33.7	183	19.7	42.6	199	17.1	51.4	208	13.8			
145	25.3	165	19.6	29.9	175	18.7	39.5	193	16.2	48.8	204	13.0			
150	20.0	153	18.6	25.5	165	17.7	36.2	186	15.3	46.1	199	12.3			
155				20.2	153	16.8	32.6	178	14.5	43.2	194	11.6			
160							28.6	170	13.8	40.2	188	11.0			
165							24.0	159	13.0	37.0	182	10.4			
170							18.2	146	12.4	33.4	174	9.8			
175										29.5	166	9.3			
180										25.1	156	8.8			
185										19.7	143	8.3			
192													37.0	162	3.6
195													35.6	159	3.4
200													31.9	152	3.1
205													27.8	143	2.8
210													23.1	132	2.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	58.8	72.9	252	56.3									
70	68.9	249	53.2	70.9	250	51.0									
75	66.9	247	48.5	68.9	248	46.5									
80	64.8	244	44.5	66.9	246	42.6									
85	62.7	242	41.0	64.9	244	39.3									
90	60.6	239	38.0	62.8	241	36.3									
93							67.0	244	29.9						
95	58.4	236	35.3	60.7	238	33.8	66.8	243	29.7						
100	56.7	233	33.0	59.0	236	31.6	64.7	241	27.6						
105	54.5	230	30.9	56.8	233	29.5	62.6	238	25.8						
110	52.1	226	29.0	54.5	229	27.7	60.5	236	24.1						
115	49.7	222	27.2	52.2	226	26.0	58.3	233	22.6						
120	47.2	217	25.7	49.8	221	24.5	56.1	229	21.3						
125	44.6	212	24.2	47.2	217	23.1	53.8	226	20.0						
130	41.8	207	22.9	44.6	212	21.8	51.5	222	18.9						
133										57.0	225	14.5			
135	38.9	201	21.7	41.9	206	20.6	49.0	217	17.8	56.6	224	14.4			
140	35.8	194	20.5	39.0	200	19.5	46.5	213	16.8	54.3	221	13.5			
145	32.4	186	19.5	35.8	194	18.5	43.8	208	15.9	52.0	217	12.8			
150	28.6	178	18.5	32.5	186	17.5	41.0	202	15.1	49.6	213	12.0			
155	24.3	167	17.5	28.7	177	16.7	38.0	196	14.3	47.0	208	11.4			
160	19.1	154	16.7	24.5	167	15.8	34.8	189	13.5	44.4	203	10.7			
165				19.3	154	15.0	31.4	181	12.8	41.6	197	10.1			
170							27.5	172	12.2	38.7	191	9.6			
175							23.0	161	11.6	35.6	185	9.1			
180							17.4	147	10.9	32.2	177	8.5			
185										28.4	168	8.1			
190										24.1	158	7.6			
195										18.8	144	7.2			
200													37.0	168	2.8
200													37.0	168	2.8
205													34.3	162	2.6
210													30.7	154	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	50.7									
75	68.3	257	48.3	70.3	259	46.2									
80	66.4	255	44.3	68.4	257	42.3									
85	64.5	253	40.8	66.5	255	39.0									
90	62.5	250	37.7	64.6	252	36.0									
95	60.5	247	35.1	62.6	250	33.5									
97							67.0	253	27.9						
100	59.0	245	32.8	61.1	248	31.3	66.4	252	27.2						
105	56.9	242	30.6	59.0	245	29.2	64.4	250	25.4						
110	54.8	238	28.7	57.0	241	27.4	62.5	247	23.8						
115	52.6	235	27.0	54.8	238	25.7	60.5	244	22.3						
120	50.3	230	25.4	52.6	234	24.2	58.4	241	20.9						
125	48.0	226	23.9	50.4	230	22.8	56.3	238	19.7						
130	45.6	221	22.6	48.1	226	21.5	54.2	234	18.5						
135	43.0	216	21.4	45.6	221	20.3	52.0	230	17.5						
138										57.0	233	13.2			
140	40.4	210	20.3	43.1	216	19.2	49.7	226	16.5	56.8	233	13.1			
145	37.5	204	19.2	40.4	210	18.2	47.3	222	15.6	54.7	229	12.4			
150	34.5	197	18.2	37.6	204	17.3	44.9	217	14.8	52.5	225	11.7			
155	31.2	189	17.3	34.6	196	16.4	42.3	211	14.0	50.2	221	11.0			
160	27.6	180	16.4	31.3	189	15.6	39.6	205	13.2	47.9	217	10.4			
165	23.4	169	15.6	27.7	179	14.8	36.7	199	12.5	45.4	212	9.8			
170	18.3	155	14.9	23.5	169	14.1	33.6	192	11.9	42.9	207	9.2			
175				18.5	155	13.4	30.3	183	11.3	40.2	201	8.7			
180							26.5	174	10.7	37.4	195	8.2			
185							22.1	162	10.1	34.3	187	7.7			
190							16.7	147	9.6	31.0	179	7.3			
195										27.4	170	6.9			
200										23.2	159	6.4			
205										18.0	145	6.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 174 ft luffing jib 94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7		74.9	45.6									
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.0	69.7	267	42.0									
85	66.1	264	40.5	67.9	265	38.6									
90	64.2	261	37.5	66.1	263	35.7									
95	62.4	259	34.8	64.3	261	33.1									
100	60.9	257	32.5	62.9	259	31.0									
101							67.0	262	26.1						
105	59.0	254	30.4	61.0	256	28.9	66.0	260	25.0						
110	57.1	250	28.4	59.1	253	27.1	64.1	258	23.4						
115	55.0	247	26.7	57.1	250	25.4	62.3	255	21.9						
120	53.0	243	25.1	55.1	246	23.9	60.4	253	20.5						
125	50.9	239	23.7	53.0	243	22.5	58.5	250	19.3						
130	48.7	235	22.3	50.9	239	21.2	56.5	246	18.2						
135	46.4	230	21.1	48.8	234	20.0	54.5	243	17.1						
140	44.1	225	20.0	46.5	230	18.9	52.4	239	16.1						
144										57.0	241	12.0			
145	41.6	220	18.9	44.2	225	17.9	50.3	235	15.2	56.9	241	12.0			
150	39.1	213	18.0	41.7	219	17.0	48.1	230	14.4	54.9	238	11.3			
155	36.3	207	17.1	39.1	213	16.1	45.8	226	13.6	52.9	234	10.6			
160	33.4	199	16.2	36.4	207	15.3	43.4	220	12.9	50.8	230	10.0			
165	30.2	191	15.4	33.5	199	14.5	40.9	215	12.2	48.6	226	9.4			
170	26.6	182	14.6	30.3	191	13.8	38.3	209	11.6	46.3	221	8.8			
175	22.6	170	13.9	26.7	181	13.1	35.5	202	11.0	44.0	216	8.3			
180	17.6	156	13.2	22.7	170	12.5	32.5	194	10.4	41.5	210	7.8			
185				17.8	156	11.8	29.2	186	9.8	38.9	204	7.4			
190							25.6	176	9.3	36.2	197	6.9			
195							21.3	164	8.8	33.2	190	6.5			
200							16.0	148	8.3	30.0	182	6.1			
205										26.4	172	5.7			
210										22.3	161	5.4			
215										17.3	146	5.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.4									
90	65.7	272	37.2	67.5	274	35.5									
95	64.0	270	34.5	66.2	272	33.0									
100	62.6	268	32.3	64.4	270	30.7									
105							67.0	271	24.7						
105	60.8	265	30.1	62.7	267	28.7	67.0	271	24.4						
110	59.0	262	28.2	60.9	265	26.8	65.6	269	23.1						
115	57.2	259	26.5	59.1	262	25.1	63.9	267	21.6						
120	55.3	255	24.9	57.2	258	23.6	62.1	264	20.3						
125	53.4	252	23.4	55.3	255	22.2	60.3	261	19.0						
130	51.4	248	22.1	53.4	251	21.0	58.5	258	17.9						
135	49.3	244	20.9	51.4	247	19.8	56.7	255	16.9						
140	47.2	239	19.8	49.4	243	18.7	54.8	251	15.9						
145	45.0	234	18.7	47.3	239	17.7	52.8	248	15.0						
149										57.0	250	11.0			
150	42.7	229	17.7	45.1	234	16.8	50.8	244	14.2	57.0	250	11.0			
155	40.4	223	16.8	42.8	228	15.9	48.7	239	13.4	55.2	246	10.3			
160	37.9	217	16.0	40.4	223	15.1	46.6	235	12.7	53.3	243	9.7			
165	35.2	210	15.2	37.9	216	14.3	44.4	229	12.0	51.3	239	9.1			
170	32.3	202	14.4	35.3	209	13.6	42.1	224	11.3	49.2	234	8.6			
175	29.2	193	13.7	32.4	202	12.9	39.7	218	10.7	47.1	230	8.1			
180	25.8	184	13.1	29.3	193	12.3	37.1	212	10.2	44.9	225	7.6			
185	21.8	172	12.4	25.9	183	11.7	34.4	205	9.6	42.6	219	7.1			
190	16.9	157	11.8	21.9	172	11.1	31.5	197	9.1	40.2	214	6.7			
195							28.3	188	8.6	37.7	207	6.3			
200							24.7	177	8.1	35.0	200	5.9			
205							20.6	165	7.7	32.2	193	5.5			
210										29.1	184	5.1			
215										25.6	174	4.8			
220										21.6	162	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.4	283	30.6									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	28.4									
109							67.0	280	22.8						
110	60.8	273	27.9	62.5	276	26.5	66.9	280	22.8						
115	59.1	271	26.2	60.8	273	24.8	65.3	277	21.3						
120	57.3	267	24.6	59.1	270	23.3	63.7	275	19.9						
125	55.5	264	23.2	57.3	267	21.9	62.0	272	18.7						
130	53.7	260	21.8	55.6	264	20.7	60.3	270	17.5						
135	51.8	256	20.6	53.7	260	19.5	58.6	267	16.5						
140	49.9	252	19.5	51.9	256	18.4	56.8	263	15.5						
145	47.9	248	18.4	49.9	252	17.4	55.0	260	14.6						
150	45.8	243	17.5	47.9	247	16.5	53.2	256	13.8						
154										57.0	258	9.9			
155	43.7	238	16.6	45.9	243	15.6	51.3	252	13.0	57.0	258	9.8			
160	41.5	232	15.7	43.8	237	14.8	49.3	248	12.3	55.4	255	9.3			
165	39.2	226	14.9	41.6	232	14.0	47.3	243	11.6	53.6	251	8.7			
170	36.8	220	14.2	39.3	226	13.3	45.3	238	11.0	51.7	247	8.2			
175	34.2	213	13.5	36.8	219	12.6	43.1	233	10.4	49.8	243	7.7			
180	31.4	205	12.8	34.2	212	12.0	40.9	228	9.8	47.8	239	7.2			
185	28.3	196	12.2	31.5	204	11.4	38.5	221	9.3	45.7	234	6.7			
190	25.0	185	11.6	28.4	195	10.8	36.0	215	8.8	43.6	229	6.3			
195	21.1	173	11.0	25.1	185	10.3	33.4	207	8.3	41.4	223	5.9			
200	16.3	158	10.4	21.2	173	9.7	30.6	199	7.8	39.1	217	5.5			
205							27.4	190	7.4	36.6	210	5.1			
210							23.9	179	7.0	34.0	203	4.8			
215							19.9	166	6.6	31.2	195	4.4			
220										28.2	186	4.1			
225										24.8	176	3.8			
230										20.9	164	3.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      203 ft luffing jib                      94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	21.3						
115	60.7	282	24.8	62.4	284	24.5	66.6	288	20.9						
120	59.1	279	24.3	60.8	282	23.0	65.0	286	19.5						
125	57.4	276	22.9	59.1	279	21.6	63.5	284	18.3						
130	55.7	272	21.5	57.5	275	20.3	61.9	281	17.2						
135	54.0	269	20.3	55.8	272	19.2	60.3	278	16.1						
140	52.2	265	19.2	54.0	268	18.1	58.6	275	15.2						
145	50.4	261	18.1	52.2	265	17.1	56.9	272	14.3						
150	48.5	257	17.2	50.4	261	16.2	55.2	268	13.5						
155	46.6	252	16.3	48.6	256	15.3	53.5	265	12.7						
160										57.0	266	8.9			
160	44.6	247	15.4	46.6	251	14.5	51.7	261	12.0	57.0	266	8.8			
165	42.5	241	14.6	44.6	246	13.7	49.9	257	11.3	55.6	263	8.3			
170	40.4	236	13.9	42.6	241	13.0	48.0	252	10.7	53.9	260	7.8			
175	38.1	229	13.2	40.4	235	12.3	46.0	247	10.1	52.1	256	7.3			
180	35.7	223	12.5	38.2	229	11.7	44.0	242	9.5	50.3	252	6.8			
185	33.2	215	11.9	35.8	222	11.1	41.9	237	9.0	48.4	247	6.4			
190	30.5	207	11.3	33.3	215	10.5	39.7	231	8.5	46.5	243	5.9			
195	27.5	198	10.7	30.6	207	10.0	37.5	224	8.0	44.5	238	5.5			
200	24.2	187	10.2	27.6	197	9.5	35.0	218	7.5	42.4	232	5.1			
205	20.4	175	9.7	24.3	187	9.0	32.5	210	7.1	40.2	226	4.8			
210				20.5	174	8.5	29.7	201	6.7	38.0	220	4.4			
215							26.6	192	6.3	35.6	213	4.1			
220							23.2	181	5.9	33.1	206	3.8			
225							19.2	167	5.5	30.3	197	3.5			
230										27.4	188	3.2			
235										24.0	177	2.9			
240										20.2	165	2.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>66 ft luffing jib</b> <b>104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	176.0												
30	77.0	179	167.7												
35	72.4	177	138.2												
38				75.0	178	120.4									
40	67.7	175	116.3	73.0	177	111.8									
45	62.8	173	98.6	68.3	175	94.8									
50	57.7	170	85.4	63.5	173	82.1									
55	52.3	166	75.2	58.4	170	72.3									
60	46.3	161	67.0	53.0	166	64.4									
61							67.0	172	55.9						
65	39.7	156	60.3	47.1	162	58.0	63.3	170	51.7						
70	31.9	148	54.7	40.6	156	52.7	58.2	167	47.0						
75	21.4	137	49.9	33.0	149	48.1	52.8	163	42.9						
80				23.0	139	44.1	46.9	158	39.4						
85							40.4	153	36.4						
89										57.0	159	29.1			
90							32.7	146	33.7	57.0	159	28.7			
95							25.3	138	31.4	51.5	156	26.7			
100										45.5	151	24.9			
105										38.8	145	23.2			
110										30.7	137	21.8			
136													37.0	122	10.2
140													32.2	117	9.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	136.5												
40	70.8	186	116.0												
40				75.0	187	109.8									
45	66.7	184	98.5	71.3	186	94.6									
50	62.4	181	85.3	67.2	184	81.9									
55	58.0	178	75.1	63.0	181	72.1									
60	53.3	175	66.9	58.5	178	64.3									
65	48.2	170	60.3	53.9	175	57.9									
65							67.0	181	51.3						
70	42.8	165	54.7	48.9	170	52.5	62.8	178	46.6						
75	36.6	159	50.0	43.5	165	48.0	58.4	175	42.6						
80	29.3	150	45.9	37.4	159	44.1	53.7	172	39.1						
85	19.5	139	42.3	30.3	151	40.7	48.7	167	36.1						
90				21.0	140	37.7	43.3	162	33.5						
94										57.0	168	26.5			
95										57.0	168	26.1			
100							38.7	158	31.3	52.6	164	24.5			
105							31.9	150	29.1	47.6	160	22.9			
110										42.0	154	21.5			
115										35.8	148	20.2			
120										28.2	139	18.9			
144													37.0	128	8.8
145													36.8	127	8.8
150													29.6	119	8.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft luffing jib 104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	144.9												
35	76.6	198	134.7												
40	73.1	196	114.6												
43				75.0	197	100.6									
45	69.5	195	98.3	73.6	196	94.3									
50	65.9	192	85.1	70.0	194	81.6									
55	62.1	190	74.9	66.3	192	71.8									
60	58.1	187	66.8	62.6	190	64.0									
65	54.0	183	60.1	58.7	187	57.6									
69							67.0	190	47.2						
70	49.7	179	54.6	54.6	183	52.3	66.2	189	46.2						
75	45.0	174	49.9	50.2	179	47.8	62.4	187	42.2						
80	39.9	168	45.8	45.6	174	43.9	58.5	184	38.8						
85	34.1	161	42.3	40.5	169	40.6	54.4	180	35.8						
90	27.2	152	39.2	34.9	162	37.6	50.1	176	33.2						
95	17.8	139	36.5	28.2	153	35.0	46.5	172	31.0						
100										57.0	176	24.2			
100				21.7	144	32.7	41.6	167	28.9	57.0	176	23.9			
105							36.1	160	27.1	53.5	173	22.5			
110							29.6	152	25.4	49.1	169	21.1			
115										44.4	164	19.8			
120										39.2	158	18.6			
125										33.3	151	17.5			
130										26.2	141	16.5			
152													37.0	134	7.6
155													34.3	130	7.4
160													27.4	121	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 95 ft luffing jib 104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	113.4												
45	71.7	205	98.2												
46				75.0	206	92.7									
50	68.5	203	85.0	72.1	205	81.5									
55	65.2	201	74.8	68.9	203	71.7									
60	61.8	198	66.7	65.6	201	63.9									
65	58.3	195	60.0	62.2	198	57.5									
70	54.6	192	54.5	58.7	195	52.2									
73							67.0	199	43.7						
75	50.8	188	49.8	55.1	192	47.7	65.5	198	42.0						
80	46.7	183	45.8	51.3	188	43.8	62.1	195	38.6						
85	42.3	178	42.3	47.2	183	40.5	58.6	192	35.6						
90	37.4	172	39.2	42.8	178	37.6	55.8	190	33.0						
95	32.0	164	36.5	38.1	172	35.0	52.0	186	30.8						
100	25.4	154	34.1	34.0	166	32.7	48.0	181	28.8						
105				27.9	158	30.6	43.7	176	26.9	57.0	184	22.0			
110				20.2	146	28.7	39.1	170	25.3	54.1	181	20.9			
115							33.8	163	23.7	50.3	177	19.6			
120							27.7	154	22.3	46.1	173	18.4			
125										41.7	167	17.4			
130										36.8	161	16.4			
135										31.2	153	15.5			
140										24.5	143	14.6			
159													37.0	140	6.7
160													37.0	140	6.6
165													32.2	133	6.3
170													25.7	123	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	112.0												
45	73.5	215	97.4												
48				75.0	216	85.7									
50	70.6	214	84.8	73.9	215	81.2									
55	67.7	212	74.6	71.0	213	71.4									
60	64.7	209	66.4	68.1	211	63.6									
65	61.6	207	59.8	65.1	209	57.2									
70	58.4	204	54.3	62.0	207	51.9									
75	55.1	200	49.6	58.8	204	47.4									
77							67.0	208	40.5						
80	51.6	196	45.6	55.5	200	43.6	65.0	206	38.2						
85	48.0	192	42.1	52.1	196	40.2	61.9	204	35.3						
90	44.1	187	39.1	48.5	192	37.3	59.4	201	32.8						
95	40.0	181	36.4	44.6	187	34.7	56.2	198	30.5						
100	35.4	174	34.0	41.5	183	32.5	52.8	194	28.4						
105	31.4	168	31.9	37.1	176	30.5	49.2	190	26.6						
110	25.5	159	29.9	32.1	169	28.6	45.4	185	25.0						
110										57.0	192	20.1			
115				26.3	159	26.9	41.4	180	23.5	54.7	190	19.2			
120				18.8	147	25.3	36.9	173	22.1	51.2	186	18.1			
125							31.9	166	20.8	47.5	182	17.0			
130							26.1	156	19.7	43.6	176	16.0			
135										39.4	171	15.1			
140										34.7	164	14.3			
145										29.4	155	13.5			
150										23.0	145	12.7			
167													37.0	145	5.6
170													35.5	143	5.5
175													30.3	135	5.1
180													24.1	125	4.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	96.2												
50	72.4	224	84.5												
51				75.0	225	79.6									
55	69.7	222	74.3	72.7	224	71.1									
60	67.0	220	66.2	70.0	222	63.3									
65	64.2	218	59.5	67.3	220	56.9									
70	61.4	215	54.0	64.6	218	51.6									
75	58.5	212	49.3	61.8	215	47.1									
80	55.5	209	45.3	58.9	212	43.3									
81							67.0	217	37.5						
85	52.3	205	41.9	55.9	209	40.0	64.5	215	34.9						
90	49.1	201	38.8	52.8	205	37.0	62.3	213	32.4						
95	45.6	196	36.1	49.5	201	34.5	59.4	210	30.1						
100	41.9	191	33.8	46.9	197	32.3	56.5	207	28.1						
105	38.9	186	31.7	43.3	192	30.2	53.4	203	26.3						
110	34.6	179	29.8	39.4	186	28.4	50.2	199	24.6						
115	29.8	171	28.0	35.2	179	26.7	46.8	194	23.1						
116										57.0	201	18.4			
120	24.1	160	26.4	30.5	171	25.1	43.2	189	21.8	55.1	198	17.7			
125				24.9	161	23.7	39.3	183	20.5	51.9	195	16.6			
130				17.7	148	22.4	35.1	176	19.4	48.6	190	15.6			
135							30.3	168	18.3	45.2	185	14.8			
140							24.7	158	17.3	41.4	180	13.9			
145										37.4	174	13.2			
150										33.0	166	12.4			
155										27.9	157	11.7			
160										21.7	146	11.1			
175													37.0	151	4.6
180													33.7	146	4.3
185													28.8	137	4.0
190													22.8	126	3.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	84.1												
53				75.0	235	74.3									
55	71.4	233	74.1	74.1	234	70.9									
60	68.9	231	66.0	71.7	233	63.1									
65	66.4	229	59.4	69.2	231	56.7									
70	63.9	226	53.8	66.7	229	51.4									
75	61.2	224	49.2	64.2	226	46.9									
80	58.6	221	45.2	61.6	224	43.1									
84							67.0	226	35.0						
85	55.8	217	41.7	58.9	221	39.8	66.7	226	34.6						
90	52.9	214	38.7	56.2	217	36.9	64.7	224	32.1						
95	50.0	209	36.0	53.3	214	34.3	62.1	221	29.9						
100	46.8	205	33.6	51.0	210	32.1	59.4	218	27.8						
105	44.3	201	31.5	48.0	206	30.0	56.7	215	26.0						
110	40.9	195	29.6	44.8	201	28.2	53.9	211	24.4						
115	37.1	189	27.9	41.3	196	26.5	50.9	207	22.9						
120	33.0	182	26.3	37.6	189	25.0	47.9	203	21.6						
121										57.0	209	16.9			
125	28.4	173	24.8	33.6	182	23.6	44.6	198	20.3	55.4	207	16.3			
130	22.9	162	23.4	29.0	173	22.3	41.2	192	19.2	52.6	203	15.4			
135				23.7	163	21.1	37.5	186	18.2	49.6	199	14.5			
140							33.4	179	17.2	46.4	194	13.7			
145							28.9	170	16.3	43.1	189	12.9			
150							23.5	160	15.4	39.6	183	12.2			
155										35.7	177	11.5			
160										31.4	169	10.9			
165										26.5	159	10.3			
170										20.5	147	9.7			
183													37.0	157	3.8
185													36.3	156	3.7
190													32.2	149	3.4
195													27.4	139	3.1
200													21.6	128	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	73.9												
56				75.0	244	69.4									
60	70.5	242	65.7	73.1	243	62.8									
65	68.2	240	59.1	70.8	241	56.4									
70	65.9	237	53.6	68.5	239	51.1									
75	63.5	235	48.9	66.2	237	46.6									
80	61.1	232	44.9	63.8	235	42.8									
85	58.6	229	41.4	61.4	232	39.5									
88							67.0	235	32.1						
90	56.1	226	38.4	59.0	229	36.6	66.7	235	31.8						
95	53.4	222	35.7	56.4	226	34.0	64.3	232	29.5						
100	50.7	218	33.3	54.4	223	31.8	61.9	230	27.5						
105	48.5	215	31.3	51.7	219	29.8	59.5	227	25.7						
110	45.6	210	29.4	48.9	215	27.9	56.9	224	24.0						
115	42.5	205	27.6	46.0	210	26.3	54.3	220	22.6						
120	39.1	199	26.0	42.9	205	24.7	51.6	216	21.2						
125	35.5	192	24.6	39.6	199	23.3	48.8	212	20.0						
126										57.0	217	15.4			
130	31.6	184	23.2	36.0	192	22.1	45.9	207	18.9	55.7	216	15.0			
135	27.1	175	22.0	32.1	185	20.9	42.8	202	17.8	53.1	212	14.1			
140	21.8	163	20.8	27.7	176	19.8	39.5	196	16.9	50.3	208	13.3			
145				22.5	164	18.7	35.9	189	16.0	47.5	203	12.5			
150							32.0	181	15.1	44.5	198	11.8			
155							27.6	172	14.3	41.3	193	11.2			
160							22.3	161	13.6	37.9	186	10.6			
165										34.2	179	10.0			
170										30.1	171	9.4			
175										25.3	161	8.9			
180										19.5	148	8.4			
191													37.0	163	2.9
195													34.8	159	2.7
200													30.8	151	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	65.0									
60	71.9	252	65.5	74.3	253	62.4									
65	69.8	250	58.8	72.2	252	56.1									
70	67.7	248	53.3	70.1	250	50.8									
75	65.5	246	48.6	67.9	248	46.3									
80	63.3	243	44.6	65.8	246	42.5									
85	61.0	241	41.2	63.6	243	39.2									
90	58.7	238	38.1	61.3	240	36.2									
92							67.0	244	29.9						
95	56.3	234	35.4	59.0	237	33.7	66.2	243	29.1						
100	53.9	231	33.1	57.2	235	31.5	64.0	241	27.1						
105	51.9	228	31.0	54.8	232	29.5	61.7	238	25.3						
110	49.3	224	29.1	52.3	228	27.6	59.5	235	23.7						
115	46.6	219	27.4	49.7	224	26.0	57.1	232	22.2						
120	43.8	214	25.8	47.0	219	24.4	54.7	229	20.9						
125	40.8	208	24.3	44.2	214	23.1	52.2	225	19.7						
130	37.6	202	23.0	41.2	208	21.8	49.6	221	18.5						
132										57.0	225	14.0			
135	34.1	195	21.8	38.0	202	20.6	46.9	216	17.5	56.0	224	13.7			
140	30.3	186	20.6	34.6	195	19.5	44.1	211	16.5	53.6	220	12.9			
145	26.0	177	19.6	30.8	187	18.5	41.1	205	15.7	51.0	216	12.1			
150	20.8	165	18.6	26.6	178	17.6	37.9	199	14.8	48.4	212	11.5			
155				21.5	166	16.7	34.5	192	14.0	45.6	207	10.8			
160							30.7	184	13.3	42.7	202	10.2			
165							26.4	174	12.6	39.7	196	9.6			
170							21.4	163	12.0	36.4	189	9.1			
175										32.8	182	8.6			
180										28.8	173	8.1			
185										24.3	163	7.6			
190										18.6	150	7.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	55.8									
70	69.2	259	53.1	71.4	260	50.5									
75	67.2	257	48.4	69.4	258	46.1									
80	65.1	254	44.4	67.4	256	42.2									
85	63.0	252	40.9	65.4	254	38.9									
90	60.9	249	37.9	63.3	252	36.0									
95	58.7	246	35.2	61.2	249	33.5									
96							67.0	253	28.0						
100	57.0	244	33.0	59.5	247	31.3	65.8	252	26.8						
105	54.8	240	30.8	57.3	244	29.2	63.7	249	25.0						
110	52.4	236	28.9	55.1	240	27.4	61.6	247	23.4						
115	50.0	232	27.2	52.7	236	25.7	59.5	244	22.0						
120	47.5	228	25.6	50.3	232	24.2	57.3	241	20.6						
125	44.9	223	24.1	47.9	228	22.8	55.0	237	19.4						
130	42.2	217	22.8	45.3	223	21.6	52.7	233	18.3						
135	39.3	211	21.6	42.5	218	20.4	50.3	229	17.3						
137										57.0	234	12.9			
140	36.2	205	20.5	39.7	212	19.3	47.8	225	16.3	56.2	233	12.6			
145	32.9	197	19.4	36.6	205	18.3	45.2	220	15.4	53.9	229	11.9			
150	29.2	189	18.4	33.3	198	17.4	42.5	214	14.6	51.6	225	11.2			
155	25.0	179	17.5	29.7	189	16.5	39.6	209	13.8	49.1	221	10.5			
160	19.9	166	16.6	25.5	179	15.7	36.5	202	13.1	46.6	216	9.9			
165				20.6	167	14.9	33.2	195	12.4	44.0	211	9.4			
170							29.5	186	11.8	41.2	205	8.8			
175							25.4	176	11.2	38.2	199	8.3			
180							20.5	164	10.6	35.0	192	7.9			
185										31.6	184	7.4			
190										27.7	175	7.0			
195										23.3	165	6.5			
200										17.8	151	6.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	50.2									
75	68.6	267	48.1	70.7	269	45.8									
80	66.7	265	44.1	68.8	267	41.9									
85	64.8	263	40.7	66.9	265	38.6									
90	62.8	260	37.6	65.0	263	35.7									
95	60.8	258	35.0	63.1	260	33.2									
100							67.0	262	26.5						
100	59.3	255	32.7	61.5	258	31.0	67.0	262	26.1						
105	57.2	252	30.5	59.5	255	28.9	65.4	260	24.7						
110	55.1	249	28.6	57.5	252	27.1	63.5	258	23.1						
115	52.9	245	26.9	55.3	249	25.4	61.5	255	21.6						
120	50.6	241	25.3	53.2	245	23.9	59.5	252	20.3						
125	48.3	237	23.9	50.9	241	22.6	57.4	249	19.0						
130	45.9	232	22.5	48.6	237	21.3	55.3	246	17.9						
135	43.4	227	21.3	46.2	232	20.1	53.1	242	16.9						
140	40.7	221	20.2	43.7	227	19.0	50.9	238	16.0						
143										57.0	242	11.7			
145	37.9	215	19.1	41.1	221	18.0	48.5	234	15.1	56.4	241	11.5			
150	34.9	208	18.2	38.3	215	17.1	46.1	229	14.3	54.3	237	10.8			
155	31.7	200	17.3	35.3	208	16.2	43.6	224	13.5	52.1	234	10.1			
160	28.1	191	16.4	32.1	200	15.4	41.0	218	12.8	49.8	229	9.5			
165	24.0	180	15.6	28.6	192	14.6	38.2	212	12.1	47.5	225	9.0			
170	19.1	167	14.8	24.6	181	13.9	35.2	205	11.5	45.0	220	8.5			
175				19.8	168	13.2	32.0	197	10.9	42.5	215	8.0			
180							28.5	188	10.3	39.8	209	7.5			
185							24.4	178	9.8	36.9	202	7.0			
190							19.6	165	9.2	33.8	195	6.6			
195										30.5	187	6.2			
200										26.7	177	5.8			
205										22.4	166	5.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	41.6									
85	66.3	274	40.4	68.3	276	38.3									
90	64.5	271	37.3	66.5	274	35.4									
95	62.6	269	34.7	65.1	272	32.9									
100	61.2	267	32.4	63.3	269	30.7									
104							67.0	271	24.4						
105	59.3	264	30.3	61.4	267	28.6	66.9	271	24.3						
110	57.3	261	28.3	59.5	264	26.8	65.1	269	22.7						
115	55.3	257	26.6	57.6	261	25.1	63.2	266	21.2						
120	53.3	254	25.0	55.6	257	23.6	61.4	264	19.9						
125	51.2	250	23.6	53.5	253	22.2	59.5	261	18.7						
130	49.0	245	22.3	51.4	250	21.0	57.5	258	17.6						
135	46.8	241	21.1	49.3	245	19.8	55.5	254	16.5						
140	44.4	236	19.9	47.0	241	18.7	53.5	250	15.6						
145	42.0	230	18.9	44.7	236	17.7	51.4	246	14.7						
148										57.0	250	10.5			
150	39.4	224	17.9	42.3	230	16.8	49.2	242	13.9	56.6	250	10.4			
155	36.7	218	17.0	39.8	224	15.9	47.0	238	13.1	54.6	246	9.7			
160	33.8	210	16.1	37.1	218	15.1	44.6	233	12.4	52.5	242	9.1			
165	30.6	202	15.3	34.2	211	14.4	42.2	227	11.8	50.4	238	8.6			
170	27.2	193	14.6	31.1	203	13.6	39.7	221	11.1	48.2	234	8.1			
175	23.2	182	13.9	27.6	194	13.0	37.0	215	10.5	45.9	229	7.6			
180	18.4	168	13.2	23.7	183	12.3	34.1	208	10.0	43.6	224	7.1			
185				19.1	170	11.7	31.0	200	9.5	41.1	218	6.7			
190							27.5	190	8.9	38.5	212	6.3			
195							23.6	180	8.5	35.7	205	5.9			
200							18.9	166	8.0	32.7	198	5.5			
205										29.4	189	5.1			
210										25.8	179	4.8			
215										21.6	167	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.0									
90	65.9	282	37.1	67.9	284	35.1									
95	64.2	280	34.4	66.6	283	32.7									
100	62.9	278	32.2	64.8	280	30.4									
105	61.1	275	30.0	63.1	278	28.4									
107							67.0	280	22.9						
110	59.3	272	28.1	61.3	275	26.5	66.5	280	22.4						
115	57.4	269	26.4	59.5	272	24.9	64.8	277	20.9						
120	55.6	266	24.8	57.7	269	23.4	63.0	275	19.6						
125	53.6	262	23.4	55.8	266	22.0	61.3	272	18.4						
130	51.6	258	22.0	53.9	262	20.7	59.5	269	17.3						
135	49.6	254	20.8	51.9	258	19.6	57.6	266	16.3						
140	47.5	249	19.7	49.9	254	18.5	55.7	263	15.3						
145	45.3	245	18.7	47.8	249	17.5	53.8	259	14.5						
150	43.1	239	17.7	45.6	245	16.6	51.8	255	13.6						
153										57.0	258	9.5			
155	40.7	234	16.8	43.4	239	15.7	49.8	251	12.9	56.8	258	9.5			
160	38.2	227	15.9	41.0	234	14.9	47.7	246	12.2	54.9	255	8.9			
165	35.6	221	15.1	38.5	228	14.1	45.5	242	11.5	52.9	251	8.3			
170	32.7	213	14.4	35.9	221	13.4	43.3	236	10.9	50.9	247	7.8			
175	29.7	205	13.7	33.1	213	12.8	40.9	231	10.3	48.9	242	7.3			
180	26.3	195	13.0	30.1	205	12.1	38.4	225	9.7	46.7	238	6.8			
185	22.4	183	12.4	26.7	196	11.5	35.8	218	9.2	44.5	233	6.4			
190	17.7	169	11.7	22.9	184	10.9	33.0	210	8.7	42.2	227	6.0			
195				18.4	171	10.4	30.0	202	8.2	39.8	222	5.6			
200							26.6	192	7.8	37.3	215	5.2			
205							22.8	181	7.3	34.6	208	4.9			
210										31.7	200	4.5			
215										28.5	191	4.2			
220										24.9	181	3.9			
225										20.8	169	3.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	28.1									
110	61.0	284	27.8	62.9	286	26.2									
111							67.0	289	21.3						
115	59.3	281	26.1	61.2	284	24.6	66.2	288	20.6						
120	57.5	278	24.5	59.5	281	23.1	64.5	286	19.2						
125	55.8	274	23.1	57.8	277	21.7	62.9	283	18.0						
130	53.9	271	21.8	56.0	274	20.4	61.2	281	16.9						
135	52.1	267	20.5	54.2	271	19.3	59.5	278	15.9						
140	50.1	263	19.4	52.3	267	18.2	57.7	274	15.0						
145	48.2	258	18.4	50.4	263	17.2	55.9	271	14.1						
150	46.1	253	17.4	48.4	258	16.3	54.1	268	13.3						
155	44.0	248	16.5	46.4	254	15.4	52.2	264	12.5						
159										57.0	267	8.5			
160	41.8	243	15.7	44.3	249	14.6	50.3	260	11.8	56.9	267	8.5			
165	39.5	237	14.9	42.1	243	13.9	48.4	255	11.2	55.1	263	7.9			
170	37.1	230	14.1	39.8	237	13.1	46.3	251	10.5	53.3	259	7.4			
175	34.5	223	13.4	37.4	231	12.5	44.2	245	10.0	51.4	255	6.9			
180	31.8	216	12.7	34.9	224	11.8	42.0	240	9.4	49.4	251	6.5			
185	28.8	207	12.1	32.1	216	11.2	39.7	234	8.9	47.4	247	6.0			
190	25.5	197	11.5	29.2	207	10.7	37.3	228	8.4	45.4	242	5.6			
195	21.7	185	10.9	25.9	198	10.1	34.8	221	7.9	43.2	237	5.2			
200	17.0	170	10.4	22.2	186	9.6	32.0	213	7.5	41.0	231	4.8			
205				17.7	172	9.1	29.1	204	7.0	38.7	225	4.5			
210							25.8	194	6.6	36.2	218	4.2			
215							22.0	183	6.2	33.6	211	3.8			
220										30.7	203	3.5			
225										27.6	193	3.2			
230										24.2	183	2.9			
235										20.1	170	2.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	24.3									
115							67.0	298	19.9						
120	59.3	289	24.2	61.1	292	22.8	65.8	297	18.9						
125	57.6	286	22.8	59.5	289	21.4	64.3	294	17.7						
130	55.9	283	21.5	57.9	286	20.1	62.7	292	16.6						
135	54.2	279	20.2	56.2	283	19.0	61.1	289	15.6						
140	52.4	275	19.1	54.4	279	17.9	59.5	286	14.6						
145	50.6	271	18.1	52.7	275	16.9	57.8	283	13.7						
150	48.8	267	17.1	50.9	271	16.0	56.1	280	12.9						
155	46.8	262	16.2	49.0	267	15.1	54.4	276	12.2						
160	44.9	257	15.4	47.1	262	14.3	52.6	272	11.5						
164										57.0	275	7.5			
165	42.8	252	14.6	45.1	257	13.5	50.8	268	10.8	57.0	275	7.4			
170	40.7	246	13.8	43.1	252	12.8	48.9	264	10.2	55.3	272	6.9			
175	38.4	240	13.1	40.9	247	12.2	47.0	259	9.6	53.6	268	6.4			
180	36.1	233	12.5	38.7	240	11.5	45.1	254	9.1	51.8	264	6.0			
185	33.6	226	11.8	36.4	234	10.9	43.0	249	8.5	50.0	260	5.5			
190	30.9	218	11.3	33.9	227	10.4	40.9	243	8.1	48.1	255	5.1			
195	27.9	209	10.7	31.2	218	9.8	38.6	237	7.6	46.1	251	4.7			
200	24.7	198	10.1	28.3	210	9.3	36.3	231	7.1	44.1	246	4.4			
205	21.0	186	9.6	25.1	199	8.8	33.8	223	6.7	42.0	240	4.0			
210				21.5	187	8.4	31.1	215	6.3	39.9	234	3.7			
215				17.1	173	7.9	28.2	206	5.9	37.6	228	3.3			
220							25.0	196	5.5	35.2	221	3.0			
225							21.4	184	5.2	32.6	213	2.7			
230										29.9	205	2.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbony counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 66 ft luffing jib 114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	136.1												
39				75.0	187	113.5									
40	68.4	185	115.7	74.1	187	110.2									
45	63.5	183	98.5	69.5	185	94.2									
50	58.4	180	85.3	64.7	183	81.6									
55	53.0	176	75.1	59.6	180	71.8									
60	47.2	172	66.9	54.3	177	64.0									
64							67.0	181	51.8						
65	40.7	166	60.3	48.6	172	57.6	65.8	180	50.5						
70	33.0	159	54.7	42.2	167	52.3	60.8	178	45.9						
75	23.2	149	49.9	34.9	160	47.8	55.6	174	41.9						
80				25.8	151	43.8	50.0	170	38.5						
85							43.8	165	35.5						
90							38.5	161	33.0						
93										57.0	168	25.6			
95										56.2	168	25.3			
100										50.6	164	23.6			
105										44.5	159	22.0			
110										37.5	153	20.6			
115										29.2	145	19.3			
143													37.0	129	7.8
145													35.4	127	7.7
150													26.4	118	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 114  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	152.1												
35	75.3	198	134.3												
40	71.3	196	114.3												
42				75.0	197	103.8									
45	67.2	194	98.3	72.3	196	93.9									
50	63.0	192	85.2	68.2	194	81.3									
55	58.6	189	75.0	64.0	192	71.6									
60	53.9	185	66.8	59.6	189	63.8									
65	49.0	181	60.2	55.0	185	57.4									
68							67.0	190	47.6						
70	43.5	176	54.6	50.1	181	52.1	65.0	189	45.5						
75	37.5	169	49.9	44.8	176	47.7	60.7	186	41.6						
80	30.4	162	45.9	39.0	170	43.8	56.1	183	38.2						
85	21.1	150	42.3	32.2	163	40.4	51.3	179	35.3						
90				23.6	153	37.4	47.4	176	32.8						
95							41.8	170	30.5						
98										57.0	177	23.3			
100							35.5	164	28.4	56.6	176	23.2			
105							27.9	155	26.6	51.8	172	21.7			
110										46.7	168	20.3			
115										41.0	162	19.1			
120										34.6	156	17.9			
125										26.8	147	16.8			
151													37.0	135	6.6
155													32.6	130	6.4
160													24.1	120	5.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 85 ft luffing jib 114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	138.9												
35	77.1	208	132.6												
40	73.6	206	112.9												
44				75.0	206	95.4									
45	70.0	205	98.1	74.4	206	93.3									
50	66.4	203	85.0	70.8	205	81.0									
55	62.6	200	74.8	67.2	202	71.3									
60	58.7	197	66.6	63.5	200	63.5									
65	54.6	194	60.0	59.6	197	57.2									
70	50.3	189	54.5	55.6	194	51.9									
72							67.0	199	43.9						
75	45.6	185	49.8	51.3	190	47.4	64.4	197	41.2						
80	40.6	179	45.8	46.7	185	43.6	60.5	195	37.8						
85	34.9	172	42.3	41.8	180	40.3	56.5	191	34.9						
90	28.2	164	39.2	36.3	173	37.4	53.3	189	32.4						
95	19.4	152	36.4	29.9	165	34.7	48.9	184	30.2						
100				23.9	157	32.5	44.2	179	28.2						
104										57.0	185	21.3			
105										56.9	185	21.3			
110							39.0	173	26.4	52.8	181	19.9			
115							33.0	166	24.7	48.3	177	18.7			
120							25.9	157	23.2	43.5	172	17.6			
125										38.2	166	16.5			
130										32.2	158	15.6			
135										24.8	148	14.6			
159													37.0	141	5.6
160													36.6	140	5.5
165													30.3	132	5.1
170													22.3	121	4.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom                      95 ft luffing jib                      114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	111.7												
45	72.2	215	97.2												
47				75.0	216	88.4									
50	69.0	213	84.8	72.9	215	80.9									
55	65.7	211	74.7	69.7	213	71.1									
60	62.3	208	66.5	66.4	211	63.4									
65	58.8	205	59.9	63.1	208	57.0									
70	55.1	202	54.4	59.6	206	51.8									
75	51.3	198	49.7	56.0	202	47.3									
75							67.0	208	40.7						
80	47.2	194	45.7	52.2	199	43.5	63.9	206	37.6						
85	42.9	188	42.2	48.2	194	40.2	60.4	203	34.7						
90	38.1	182	39.2	43.9	189	37.3	57.7	201	32.3						
95	32.8	175	36.5	39.3	183	34.7	54.0	197	30.0						
100	26.4	166	34.0	35.3	178	32.5	50.1	193	28.0						
105				29.5	170	30.4	46.0	188	26.2						
109										57.0	193	19.8			
110				22.3	159	28.5	41.5	183	24.6	57.0	193	19.6			
115							36.6	176	23.1	53.5	190	18.5			
120							31.0	169	21.7	49.6	185	17.3			
125							24.2	158	20.5	45.4	181	16.3			
130										40.9	175	15.4			
135										35.9	169	14.5			
140										30.2	160	13.7			
145										23.1	150	12.9			
166													37.0	146	4.7
170													34.4	143	4.5
175													28.4	134	4.2
180													20.7	123	3.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	110.3												
45	73.9	226	96.0												
49				75.0	226	81.9									
50	71.0	224	84.6	74.6	225	80.5									
55	68.1	222	74.4	71.7	224	70.8									
60	65.1	220	66.3	68.8	222	63.1									
65	62.0	217	59.7	65.8	220	56.8									
70	58.8	214	54.1	62.7	217	51.5									
75	55.5	211	49.5	59.6	214	47.0									
79							67.0	217	37.7						
80	52.1	207	45.5	56.3	211	43.2	66.5	217	37.2						
85	48.5	202	42.0	52.9	207	39.9	63.5	214	34.3						
90	44.7	198	39.0	49.4	203	37.0	61.1	212	31.9						
95	40.5	192	36.3	45.6	198	34.5	57.9	209	29.6						
100	36.0	185	33.9	42.5	194	32.3	54.5	206	27.7						
105	32.2	179	31.8	38.2	188	30.2	51.0	202	25.9						
110	26.4	170	29.9	33.4	181	28.4	47.4	197	24.3						
115										57.0	201	18.1			
115				27.8	172	26.7	43.5	192	22.8	57.0	201	17.9			
120				20.9	160	25.1	39.2	186	21.5	54.1	198	16.9			
125							34.6	179	20.2	50.6	194	15.9			
130							29.2	171	19.1	46.9	190	15.0			
135							22.7	160	18.0	42.9	184	14.1			
140										38.7	178	13.3			
145										33.9	171	12.6			
150										28.4	163	11.9			
155										21.7	151	11.2			
174													37.0	152	3.8
175													37.0	152	3.8
180													32.5	145	3.5
185													26.7	136	3.2
190													19.4	124	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	94.8												
50	72.7	234	83.8												
52				75.0	235	76.2									
55	70.1	232	74.2	73.3	234	70.5									
60	67.4	230	66.0	70.7	232	62.8									
65	64.6	228	59.4	68.0	230	56.4									
70	61.8	225	53.9	65.3	228	51.2									
75	58.9	222	49.2	62.5	225	46.7									
80	55.9	219	45.2	59.6	223	42.9									
83							67.0	226	35.0						
85	52.8	215	41.8	56.6	219	39.6	65.9	225	33.9						
90	49.5	211	38.7	53.5	216	36.7	63.8	224	31.5						
95	46.1	206	36.1	50.3	212	34.2	60.9	221	29.3						
100	42.5	201	33.7	47.7	208	32.0	58.0	218	27.3						
105	39.5	197	31.6	44.2	203	30.0	55.0	214	25.5						
110	35.3	190	29.7	40.4	197	28.1	51.8	210	23.9						
115	30.5	182	27.9	36.3	191	26.5	48.5	206	22.5						
120										57.0	210	16.5			
120	25.0	172	26.3	31.7	183	24.9	45.0	201	21.1	57.0	210	16.3			
125				26.3	174	23.5	41.3	196	19.9	54.6	207	15.5			
130				19.7	161	22.2	37.3	189	18.8	51.4	203	14.6			
135							32.8	182	17.8	48.1	198	13.7			
140							27.7	173	16.8	44.6	193	13.0			
145							21.4	161	15.9	40.8	188	12.2			
150										36.7	181	11.6			
155										32.2	174	10.9			
160										26.9	165	10.3			
165										20.5	153	9.7			
182													37.0	158	2.9
185													35.5	156	2.8
190													30.8	148	2.5

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>114</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>125</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	83.0												
54				75.0	245	71.3									
55	71.7	243	74.0	74.7	244	70.2									
60	69.3	241	65.9	72.3	243	62.6									
65	66.8	239	59.2	69.8	241	56.2									
70	64.2	237	53.7	67.3	239	51.0									
75	61.6	234	49.0	64.8	237	46.5									
80	58.9	231	45.1	62.2	234	42.7									
85	56.2	228	41.6	59.6	231	39.4									
87							67.0	235	32.2						
90	53.3	224	38.6	56.8	228	36.5	66.0	235	31.2						
95	50.4	220	35.9	54.0	224	34.0	63.4	232	29.0						
100	47.3	215	33.5	51.8	221	31.8	60.8	229	27.1						
105	44.8	212	31.5	48.7	217	29.8	58.1	226	25.3						
110	41.4	206	29.5	45.5	212	27.9	55.3	223	23.7						
115	37.7	200	27.8	42.2	207	26.3	52.5	219	22.2						
120	33.6	192	26.2	38.5	201	24.8	49.5	215	20.9						
125	29.1	184	24.7	34.6	194	23.4	46.3	210	19.7						
125										57.0	218	15.0			
130	23.7	173	23.4	30.2	185	22.1	43.0	205	18.6	55.0	215	14.3			
135				25.0	175	20.9	39.4	199	17.6	52.1	211	13.5			
140				18.6	162	19.8	35.6	192	16.6	49.1	207	12.7			
145							31.3	184	15.7	45.9	202	12.0			
150							26.3	175	14.9	42.5	197	11.3			
155							20.3	163	14.1	38.9	191	10.7			
160										35.0	184	10.1			
165										30.7	176	9.5			
170										25.6	166	9.0			
175										19.4	154	8.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	73.3												
57				75.0	254	66.6									
60	70.8	252	65.6	73.6	253	62.2									
65	68.6	250	59.0	71.4	251	55.9									
70	66.2	247	53.4	69.1	250	50.7									
75	63.9	245	48.8	66.8	247	46.2									
80	61.5	242	44.8	64.4	245	42.4									
85	59.0	239	41.3	62.0	242	39.1									
90	56.4	236	38.3	59.6	240	36.2									
91							67.0	244	30.0						
95	53.8	233	35.6	57.0	236	33.7	65.5	243	28.6						
100	51.1	229	33.3	55.0	234	31.5	63.1	241	26.7						
105	48.9	225	31.2	52.4	230	29.5	60.7	238	24.9						
110	46.0	220	29.3	49.6	226	27.7	58.2	235	23.3						
115	42.9	215	27.6	46.7	221	26.0	55.6	231	21.9						
120	39.6	209	26.0	43.6	216	24.5	53.0	228	20.6						
125	36.1	203	24.5	40.4	210	23.1	50.2	224	19.4						
130	32.2	195	23.2	36.9	204	21.9	47.4	219	18.3						
131										57.0	226	13.6			
135	27.8	186	21.9	33.1	196	20.7	44.4	214	17.3	55.3	224	13.1			
140	22.6	175	20.8	28.9	188	19.6	41.2	208	16.3	52.6	220	12.3			
145				23.9	177	18.6	37.7	202	15.4	49.9	216	11.6			
150				17.6	163	17.6	34.0	195	14.6	47.0	211	10.9			
155							29.9	187	13.9	44.0	206	10.3			
160							25.1	177	13.1	40.7	201	9.7			
165							19.3	164	12.4	37.3	194	9.2			
170										33.5	187	8.6			
175										29.3	178	8.2			
180										24.5	168	7.7			
185										18.4	155	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	62.4									
60	72.2	262	65.0	74.8	263	61.7									
65	70.1	260	58.7	72.7	262	55.6									
70	68.0	258	53.2	70.6	260	50.3									
75	65.8	256	48.5	68.5	258	45.9									
80	63.6	254	44.5	66.3	256	42.1									
85	61.3	251	41.1	64.1	254	38.8									
90	59.0	248	38.0	61.8	251	35.9									
95							67.0	254	28.3						
95	56.6	245	35.4	59.5	248	33.4	67.0	254	27.9						
100	54.8	242	31.9	57.7	246	31.2	65.1	252	26.3						
105	52.3	238	31.0	55.3	242	29.2	62.9	249	24.5						
110	49.7	234	29.0	52.9	238	27.4	60.6	246	22.9						
115	47.0	229	27.3	50.3	234	25.7	58.3	243	21.5						
120	44.2	224	25.7	47.6	230	24.2	55.9	240	20.2						
125	41.2	219	24.3	44.9	225	22.8	53.5	236	19.0						
130	38.0	213	22.9	41.9	219	21.6	50.9	232	17.9						
135	34.6	205	21.7	38.8	213	20.4	48.3	228	16.9						
136										57.0	234	12.3			
140	30.9	197	20.6	35.4	207	19.3	45.5	223	16.0	55.6	232	11.9			
145	26.6	188	19.5	31.8	199	18.3	42.6	218	15.1	53.1	229	11.2			
150	21.6	176	18.5	27.7	190	17.4	39.5	212	14.3	50.6	225	10.5			
155				22.9	179	16.5	36.3	205	13.5	47.9	220	9.9			
160				16.7	164	15.6	32.7	198	12.8	45.2	215	9.3			
165							28.7	189	12.2	42.2	210	8.8			
170							24.1	178	11.5	39.1	204	8.3			
175							18.4	165	10.9	35.8	197	7.8			
180										32.2	190	7.3			
185										28.1	181	6.9			
190										23.4	170	6.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	55.4									
70	69.4	269	53.0	71.9	271	50.1									
75	67.4	267	48.3	69.9	269	45.7									
80	65.4	265	44.3	67.9	267	41.9									
85	63.3	262	40.8	65.9	264	38.6									
90	61.2	259	37.8	63.8	262	35.7									
95	59.0	256	35.1	61.7	259	33.2									
98							67.0	263	26.2						
100	57.3	254	32.4	60.0	257	31.0	66.8	262	26.0						
105	55.1	250	30.7	57.9	254	29.0	64.8	260	24.3						
110	52.8	247	28.8	55.6	251	27.1	62.7	258	22.7						
115	50.4	243	27.1	53.3	247	25.5	60.6	255	21.2						
120	47.9	238	25.5	50.9	243	24.0	58.4	252	19.9						
125	45.3	233	24.1	48.5	239	22.6	56.2	248	18.8						
130	42.6	228	22.8	45.9	234	21.4	53.9	245	17.7						
135	39.7	222	21.5	43.2	229	20.2	51.5	241	16.7						
140	36.6	216	20.4	40.4	223	19.1	49.1	237	15.7						
141										57.0	243	11.2			
145	33.3	208	19.3	37.4	217	18.1	46.5	232	14.9	55.9	241	10.9			
150	29.7	200	18.4	34.1	209	17.2	43.9	227	14.1	53.6	237	10.2			
155	25.6	190	17.4	30.6	201	16.3	41.1	221	13.3	51.2	233	9.6			
160	20.7	178	16.6	26.6	192	15.5	38.1	215	12.6	48.7	229	9.1			
165				21.9	180	14.7	34.9	208	11.9	46.2	224	8.5			
170				15.9	165	14.0	31.4	200	11.3	43.5	219	8.0			
175							27.6	191	10.7	40.7	213	7.5			
180							23.1	180	10.2	37.7	207	7.1			
185										34.5	200	6.7			
190										31.0	192	6.2			
195										27.0	183	5.9			
200										22.4	171	5.5			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	49.8									
75	68.9	277	48.0	71.2	279	45.3									
80	67.0	275	44.0	69.3	277	41.5									
85	65.0	273	40.6	67.4	275	38.2									
90	63.1	271	37.5	65.5	273	35.4									
95	61.1	268	34.9	64.0	271	32.9									
100	59.5	266	32.6	62.0	269	30.7									
102							67.0	272	24.4						
105	57.5	262	30.5	60.0	266	28.7	66.4	271	23.9						
110	55.4	259	28.6	58.0	263	26.8	64.5	269	22.3						
115	53.2	255	26.8	55.9	259	25.2	62.5	266	20.9						
120	51.0	251	25.2	53.7	256	23.7	60.5	263	19.6						
125	48.6	247	23.8	51.5	252	22.3	58.4	260	18.4						
130	46.2	242	22.5	49.2	247	21.1	56.4	257	17.3						
135	43.7	237	21.3	46.8	243	19.9	54.2	253	16.3						
140	41.1	231	20.1	44.3	238	18.8	52.0	249	15.4						
145	38.3	225	19.1	41.7	232	17.8	49.7	245	14.5						
147										57.0	251	10.1			
150	35.4	218	18.1	39.0	226	16.9	47.4	241	13.7	56.1	249	9.8			
155	32.2	211	17.2	36.1	219	16.1	44.9	236	13.0	53.9	246	9.2			
160	28.6	202	16.3	32.9	212	15.2	42.4	230	12.3	51.7	242	8.7			
165	24.6	192	15.5	29.5	204	14.5	39.6	225	11.6	49.4	238	8.1			
170	19.9	179	14.8	25.6	194	13.8	36.8	218	11.0	47.1	233	7.6			
175				21.1	182	13.1	33.7	211	10.4	44.6	228	7.2			
180							30.3	202	9.9	42.0	223	6.7			
185							26.6	193	9.3	39.3	217	6.3			
190							22.2	182	8.8	36.4	210	5.9			
195										33.3	203	5.5			
200										29.9	194	5.1			
205										26.0	185	4.8			
210										21.6	173	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	41.2									
85	66.6	284	40.3	68.8	286	37.9									
90	64.7	282	37.2	67.0	284	35.0									
95	62.9	279	34.6	65.6	282	32.6									
100	61.4	277	32.3	63.7	280	30.4									
105	59.5	274	30.2	61.9	277	28.3									
106							67.0	281	22.7						
110	57.6	271	28.3	60.0	274	26.5	66.0	279	21.9						
115	55.6	268	26.5	58.0	271	24.9	64.2	277	20.5						
120	53.6	264	25.0	56.1	268	23.4	62.3	274	19.2						
125	51.5	260	23.5	54.0	264	22.0	60.4	272	18.0						
130	49.3	256	22.2	52.0	260	20.8	58.5	269	16.9						
135	47.1	251	21.0	49.8	256	19.6	56.5	265	15.9						
140	44.7	246	19.9	47.6	252	18.5	54.5	262	15.0						
145	42.3	241	18.8	45.3	247	17.5	52.5	258	14.2						
150	39.8	235	17.8	42.9	241	16.6	50.3	254	13.4						
152										57.0	259	9.0			
155	37.1	228	16.9	40.4	236	15.8	48.1	250	12.6	56.3	258	8.8			
160	34.2	221	16.1	37.7	229	15.0	45.8	245	11.9	54.3	254	8.2			
165	31.1	213	15.3	34.9	222	14.2	43.5	240	11.3	52.2	250	7.7			
170	27.7	204	14.5	31.8	215	13.5	41.0	234	10.7	50.0	246	7.2			
175	23.8	193	13.8	28.5	206	12.8	38.4	228	10.1	47.8	242	6.8			
180	19.1	180	13.1	24.7	195	12.2	35.6	221	9.5	45.5	237	6.3			
185				20.3	183	11.6	32.6	213	9.0	43.1	232	5.9			
190							29.3	205	8.5	40.6	226	5.5			
195							25.6	195	8.1	38.0	220	5.1			
200							21.4	183	7.6	35.2	213	4.8			
205										32.2	205	4.4			
210										28.9	196	4.1			
215										25.1	186	3.8			
220										20.8	174	3.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	37.7									
90	66.2	292	36.9	68.3	295	34.8									
95	64.5	290	34.3	67.0	293	32.4									
100	63.1	288	32.1	65.3	291	30.1									
105	61.3	285	29.9	63.5	288	28.1									
110							67.0	290	21.6						
110	59.5	283	28.0	61.8	285	26.3	67.0	290	21.3						
115	57.7	279	26.3	60.0	283	24.6	65.7	288	20.2						
120	55.8	276	24.7	58.1	280	23.1	63.9	286	18.9						
125	53.9	272	23.3	56.3	276	21.8	62.2	283	17.7						
130	51.9	269	22.0	54.3	273	20.5	60.4	280	16.7						
135	49.9	264	20.8	52.4	269	19.4	58.6	277	15.7						
140	47.8	260	19.6	50.4	265	18.3	56.7	274	14.7						
145	45.6	255	18.6	48.3	260	17.3	54.8	270	13.9						
150	43.4	250	17.6	46.1	256	16.4	52.8	267	13.1						
155	41.0	244	16.7	43.9	251	15.5	50.8	263	12.4						
157										57.0	267	8.1			
160	38.6	238	15.9	41.6	245	14.7	48.8	258	11.7	56.5	266	7.9			
165	35.9	231	15.1	39.1	239	14.0	46.7	254	11.0	54.5	263	7.4			
170	33.1	224	14.3	36.6	232	13.3	44.4	249	10.4	52.6	259	6.9			
175	30.1	216	13.6	33.8	225	12.6	42.1	243	9.8	50.6	255	6.4			
180	26.8	206	13.0	30.8	217	12.0	39.7	237	9.3	48.5	251	6.0			
185	23.0	195	12.3	27.6	208	11.4	37.2	231	8.8	46.4	246	5.6			
190	18.4	181	11.7	23.9	197	10.8	34.5	224	8.3	44.1	241	5.2			
195				19.5	184	10.2	31.6	216	7.8	41.8	235	4.8			
200							28.4	207	7.4	39.4	229	4.5			
205							24.8	197	7.0	36.8	223	4.1			
210							20.6	184	6.5	34.1	216	3.8			
215										31.2	208	3.5			
220										27.9	199	3.2			
225										24.3	188	2.9			
230										20.0	175	2.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.8									
105	62.9	297	29.1	65.0	299	27.8									
110	61.2	294	27.7	63.3	297	26.0									
114							67.0	299	19.8						
115	59.5	291	26.0	61.6	294	24.3	67.0	299	19.8						
120	57.8	288	24.4	59.9	291	22.8	65.4	297	18.5						
125	56.0	285	23.0	58.2	288	21.5	63.7	294	17.4						
130	54.2	281	21.7	56.4	285	20.2	62.0	291	16.3						
135	52.3	277	20.5	54.6	281	19.0	60.3	289	15.3						
140	50.4	273	19.3	52.8	277	18.0	58.6	286	14.4						
145	48.4	269	18.3	50.9	273	17.0	56.8	282	13.5						
150	46.4	264	17.3	48.9	269	16.1	55.0	279	12.7						
155	44.3	259	16.4	46.9	264	15.2	53.2	275	12.0						
160	42.1	253	15.6	44.8	260	14.4	51.3	271	11.3						
163										57.0	276	6.9			
165	39.8	248	14.8	42.6	254	13.7	49.4	267	10.7	56.6	275	6.8			
170	37.4	241	14.1	40.4	248	13.0	47.4	262	10.1	54.8	271	6.3			
175	34.9	234	13.4	38.0	242	12.3	45.3	258	9.5	53.0	268	5.9			
180	32.2	226	12.7	35.5	235	11.7	43.2	252	9.0	51.1	264	5.4			
185	29.2	218	12.1	32.8	228	11.1	40.9	247	8.4	49.1	259	5.0			
190	25.9	208	11.5	29.9	219	10.5	38.6	241	8.0	47.1	255	4.6			
195	22.2	196	10.9	26.7	210	10.0	36.1	234	7.5	45.0	250	4.3			
200	17.7	182	10.3	23.1	199	9.5	33.5	226	7.1	42.9	245	3.9			
205				18.9	185	9.0	30.6	218	6.6	40.6	239	3.6			
210							27.5	209	6.2	38.3	233	3.3			
215							24.0	198	5.9	35.8	226	3.0			
220							20.0	186	5.5	33.1	218	2.7			
225										30.2	210	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	24.0									
118							67.0	308	18.4						
120	59.5	299	24.1	61.5	302	22.5	66.6	307	18.1						
125	57.9	296	22.7	59.9	300	21.1	65.1	305	17.0						
130	56.2	293	21.4	58.3	296	19.9	63.5	303	15.9						
135	54.5	289	20.2	56.6	293	18.7	61.9	300	14.9						
140	52.7	286	19.1	54.9	290	17.7	60.3	297	14.0						
145	50.9	282	18.0	53.1	286	16.7	58.6	294	13.2						
150	49.0	277	17.0	51.3	282	15.8	57.0	291	12.4						
155	47.1	273	16.1	49.5	278	14.9	55.3	287	11.6						
160	45.1	268	15.3	47.6	273	14.1	53.5	284	11.0						
165	43.1	263	14.5	45.6	268	13.4	51.7	280	10.3						
168										57.0	284	5.8			
170	41.0	257	13.8	43.6	263	12.7	49.9	276	9.7	56.7	283	5.7			
175	38.7	251	13.1	41.5	258	12.0	48.0	271	9.1	55.0	280	5.3			
180	36.4	244	12.4	39.3	252	11.4	46.1	266	8.6	53.3	276	4.9			
185	33.9	237	11.8	36.9	245	10.8	44.1	261	8.1	51.5	272	4.5			
190	31.3	229	11.2	34.5	238	10.2	42.0	256	7.6	49.7	268	4.1			
195	28.4	220	10.6	31.9	230	9.7	39.8	250	7.2	47.8	264	3.7			
200	25.2	210	10.1	29.1	222	9.2	37.5	244	6.7	45.8	259	3.4			
205	21.5	198	9.6	25.9	212	8.7	35.1	237	6.3	43.8	254	3.1			
210				22.4	200	8.2	32.5	229	5.9	41.7	248	2.7			
215				18.2	186	7.8	29.7	221	5.5	39.5	242	2.4			
220							26.7	211	5.2						
225							23.3	200	4.8						
230							19.3	187	4.5						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom                      66 ft luffing jib                      123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	133.9												
40	69.0	195	114.0												
40				75.0	196	107.8									
45	64.1	192	98.2	70.5	195	93.5									
50	59.1	189	85.0	65.7	192	81.0									
55	53.7	186	74.9	60.8	190	71.3									
60	47.9	181	66.7	55.5	186	63.6									
65	41.5	176	60.1	49.9	182	57.2									
66							67.0	190	48.5						
70	34.1	169	54.5	43.7	177	51.9	63.2	188	44.9						
75	24.6	159	49.7	36.6	171	47.4	58.0	185	41.1						
80				28.0	162	43.6	52.6	181	37.7						
85				18.9	153	33.0	46.7	176	34.8						
90							41.7	172	32.4						
95							34.3	165	30.1						
97										57.0	176	23.2			
100							25.0	156	28.0	54.8	175	22.6			
105										49.1	171	21.1			
110										42.8	166	19.7			
115										35.6	159	18.5			
120										26.7	150	17.3			
149													37.0	135	6.2
150													37.0	135	6.1
155													28.9	127	5.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	146.1												
35	75.8	207	132.2												
40	71.8	205	112.6												
43				75.0	206	98.8									
45	67.8	203	97.9	73.1	205	92.8									
50	63.5	201	84.9	69.1	203	80.7									
55	59.1	198	74.7	64.9	201	71.1									
60	54.5	194	66.6	60.6	198	63.3									
65	49.6	190	60.0	56.0	195	57.0									
70							67.0	199	44.6						
70	44.2	185	54.5	51.2	191	51.8	66.9	199	44.5						
75	38.3	179	49.8	46.0	186	47.3	62.7	196	40.7						
80	31.4	172	45.7	40.3	181	43.5	58.2	193	37.4						
85	22.5	161	42.2	33.7	174	40.1	53.6	189	34.5						
90				25.7	164	37.2	49.8	186	32.1						
95				17.0	153	33.0	44.4	181	29.8						
100							38.5	175	27.8						
102										57.0	185	21.2			
105										55.4	183	20.7			
110							31.6	168	26.0	50.6	179	19.4			
115							22.8	157	24.4	45.3	175	18.2			
120										39.5	169	17.1			
125										32.8	162	16.0			
130										24.4	152	15.1			
157													37.0	141	5.0
160													34.4	138	4.9
165													26.5	129	4.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 85 ft luffing jib 123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	133.7												
35	77.5	217	130.5												
40	74.0	215	111.2												
45	70.5	214	96.7												
45				75.0	215	91.0									
50	66.8	212	84.7	71.6	214	80.4									
55	63.1	209	74.5	68.0	212	70.8									
60	59.2	206	66.4	64.3	209	63.1									
65	55.1	203	59.8	60.5	207	56.8									
70	50.8	199	54.3	56.4	203	51.5									
74							67.0	208	41.2						
75	46.2	194	49.6	52.2	200	47.1	66.1	207	40.3						
80	41.2	189	45.6	47.8	195	43.3	62.3	205	37.0						
85	35.7	182	42.1	42.9	190	40.0	58.4	202	34.2						
90	29.1	174	39.1	37.5	184	37.1	55.3	199	31.7						
95	20.7	162	36.3	31.4	176	34.5	51.0	195	29.5						
100				25.7	169	32.3	46.4	190	27.6						
105							41.4	185	25.8						
108										57.0	193	19.3			
110							35.9	178	24.2	55.9	192	18.9			
115							29.4	170	22.7	51.7	188	17.8			
120							21.0	159	21.3	47.2	184	16.7			
125										42.2	178	15.7			
130										36.8	172	14.8			
135										30.5	164	13.9			
140										22.6	153	13.1			
165													37.0	147	4.1
165													37.0	147	4.0
170													32.0	141	3.8
175													24.6	131	3.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>123 ft main boom 95 ft luffing jib 123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	110.1												
45	72.6	224	95.8												
48				75.0	225	84.5									
50	69.4	222	84.6	73.6	224	80.1									
55	66.1	220	74.4	70.4	222	70.6									
60	62.7	218	66.3	67.1	220	62.9									
65	59.2	215	59.7	63.8	218	56.6									
70	55.6	211	54.2	60.4	215	51.4									
75	51.8	207	49.5	56.8	212	46.9									
78							67.0	217	38.3						
80	47.8	203	45.5	53.0	208	43.1	65.4	216	36.8						
85	43.4	198	42.1	49.1	204	39.9	62.0	213	33.9						
90	38.7	192	39.0	44.9	199	37.0	59.3	211	31.5						
95	33.5	185	36.3	40.3	193	34.4	55.7	207	29.3						
100	27.3	176	33.9	36.5	188	32.2	51.9	204	27.4						
105				30.9	180	30.2	47.9	199	25.6						
110				24.0	170	28.3	43.6	194	24.0						
113										57.0	201	17.7			
115							38.9	188	22.6	56.3	200	17.5			
120							33.7	181	21.2	52.5	197	16.5			
125							27.5	172	20.0	48.6	192	15.5			
130							19.5	160	18.8	44.3	187	14.6			
135										39.7	182	13.7			
140										34.5	175	13.0			
145										28.6	166	12.2			
150										21.0	155	11.5			
173													37.0	153	3.3
175													35.8	151	3.2
180													30.0	143	2.9
185													22.9	132	2.6

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>123</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	94.6												
50	71.4	233	83.7												
50				75.0	234	78.4									
55	68.5	231	74.2	72.3	233	70.3									
60	65.5	229	66.1	69.4	231	62.6									
65	62.4	226	59.4	66.4	229	56.3									
70	59.2	223	53.9	63.4	226	51.1									
75	56.0	220	49.3	60.3	224	46.7									
80	52.5	216	45.3	57.0	220	42.9									
82							67.0	226	35.5						
85	49.0	212	41.9	53.7	217	39.6	64.9	224	33.5						
90	45.2	207	38.8	50.1	213	36.7	62.5	222	31.1						
95	41.1	201	36.2	46.4	208	34.2	59.3	219	29.0						
100	36.6	195	33.8	43.4	204	32.0	56.1	216	27.0						
105	32.8	189	31.7	39.1	198	30.0	52.7	212	25.3						
110	27.2	180	29.8	34.5	191	28.1	49.1	208	23.7						
115				29.1	183	26.4	45.3	203	22.3						
118										57.0	209	16.2			
120				22.6	172	24.9	41.2	198	20.9	56.6	209	16.0			
125							36.8	191	19.7	53.2	205	15.1			
130							31.8	184	18.6	49.7	201	14.2			
135							25.9	174	17.6	45.9	196	13.4			
140							18.2	161	16.6	41.9	191	12.6			
145										37.5	185	11.9			
150										32.6	177	11.2			
155										26.9	168	10.6			
160										19.7	156	10.0			
181													37.0	159	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	93.5												
50	73.0	243	82.6												
53				75.0	244	73.0									
55	70.4	242	73.9	73.9	243	69.7									
60	67.7	240	65.8	71.3	241	62.3									
65	65.0	237	59.2	68.6	240	56.0									
70	62.1	235	53.7	65.9	237	50.8									
75	59.3	232	49.0	63.1	235	46.3									
80	56.3	228	45.1	60.2	232	42.6									
85	53.2	225	41.6	57.2	229	39.3									
85							67.0	235	32.5						
90	49.9	221	38.6	54.2	225	36.4	65.1	233	30.7						
95	46.5	216	35.9	51.0	221	33.9	62.2	231	28.6						
100	42.9	211	33.6	48.4	218	31.7	59.4	228	26.6						
105	40.0	206	31.5	45.0	213	29.7	56.4	224	24.9						
110	35.8	199	29.6	41.2	208	27.9	53.3	221	23.3						
115	31.1	192	27.8	37.2	201	26.2	50.0	217	21.9						
120	25.7	182	26.2	32.7	194	24.7	46.7	212	20.6						
124										57.0	218	14.7			
125				27.6	185	23.3	43.0	207	19.4	56.9	217	14.6			
130				21.3	173	22.0	39.2	201	18.3	53.8	214	13.8			
135							34.9	194	17.3	50.6	210	12.9			
140							30.1	186	16.4	47.2	205	12.2			
145							24.5	176	15.5	43.6	200	11.5			
150							17.1	162	14.6	39.8	194	10.8			
155										35.6	188	10.2			
160										30.9	180	9.6			
165										25.5	170	9.1			
170										18.5	157	8.5			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>123</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>125</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	81.8												
55	72.0	252	73.2												
				75.0	253	68.3									
60	69.6	250	65.6	72.8	252	62.0									
65	67.1	248	59.0	70.4	250	55.8									
70	64.5	246	53.5	67.9	248	50.5									
75	61.9	243	48.9	65.4	246	46.1									
80	59.3	240	44.9	62.8	243	42.4									
85	56.5	237	41.4	60.1	240	39.1									
89							67.0	244	30.8						
90	53.7	233	38.4	57.4	237	36.2	67.0	244	30.3						
95	50.7	229	35.8	54.6	234	33.7	64.6	242	28.3						
100	47.7	225	33.4	52.4	231	31.5	62.0	239	26.4						
105	45.2	221	31.3	49.4	227	29.5	59.4	236	24.6						
110	41.8	216	29.4	46.2	222	27.7	56.6	233	23.1						
115	38.1	209	27.7	42.9	217	26.1	53.8	229	21.7						
120	34.1	202	26.1	39.3	211	24.5	50.8	225	20.4						
125	29.7	194	24.6	35.5	204	23.2	47.8	221	19.2						
129										57.0	226	13.6			
130	24.4	184	23.3	31.2	196	21.9	44.5	216	18.1	57.0	226	13.5			
135				26.2	187	20.7	41.1	210	17.1	54.2	222	12.7			
140				20.2	174	19.6	37.4	204	16.2	51.3	218	11.9			
145							33.3	197	15.3	48.3	214	11.2			
150							28.7	188	14.5	45.1	209	10.6			
155							23.3	177	13.7	41.6	204	10.0			
160										38.0	198	9.4			
165										34.0	190	8.9			
170										29.5	182	8.4			
175										24.2	172	7.9			
180										17.4	158	7.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	72.3												
58				75.0	263	63.9									
60	71.1	261	65.3	74.1	262	61.4									
65	68.8	259	58.7	71.9	261	55.4									
70	66.5	257	53.2	69.6	259	50.2									
75	64.2	254	48.6	67.3	257	45.8									
80	61.8	252	44.6	64.9	254	42.0									
85	59.3	249	41.2	62.5	252	38.8									
90	56.7	245	38.2	60.1	249	35.9									
93							67.0	253	28.3						
95	54.1	242	35.5	57.6	246	33.4	66.6	253	27.9						
100	51.4	238	33.1	55.6	243	31.2	64.2	250	26.0						
105	49.3	235	31.1	52.9	239	29.2	61.8	248	24.3						
110	46.4	230	29.2	50.2	235	27.4	59.4	245	22.7						
115	43.3	225	27.5	47.3	231	25.8	56.8	241	21.3						
120	40.0	219	25.9	44.3	226	24.3	54.2	238	20.0						
125	36.5	212	24.4	41.1	220	22.9	51.5	234	18.8						
130	32.7	205	23.1	37.7	214	21.6	48.7	230	17.8						
134										57.0	234	12.3			
135	28.4	196	21.9	34.0	207	20.5	45.8	225	16.8	57.0	234	12.2			
140	23.3	185	20.7	29.8	198	19.4	42.7	220	15.9	54.6	231	11.5			
145				25.0	188	18.4	39.3	214	15.0	52.0	227	10.8			
150				19.1	176	17.4	35.8	207	14.2	49.2	223	10.2			
155							31.9	199	13.4	46.2	218	9.6			
160							27.4	190	12.7	43.2	213	9.0			
165							22.2	179	12.1	39.9	207	8.5			
170										36.4	201	8.0			
175										32.5	193	7.5			
180										28.2	184	7.1			
185										23.1	173	6.7			
190										16.5	159	6.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 123  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 144 ft luffing jib 123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	64.1												
61				75.0	272	59.9									
65	70.4	269	58.5	73.1	271	55.0									
70	68.2	267	53.0	71.0	269	49.9									
75	66.1	265	48.3	68.9	267	45.5									
80	63.8	263	44.3	66.8	265	41.7									
85	61.6	260	40.9	64.6	263	38.5									
90	59.3	257	37.9	62.3	260	35.6									
95	56.9	254	35.2	60.0	257	33.1									
97							67.0	262	26.3						
100	55.1	251	30.5	58.3	255	30.9	66.1	261	25.6						
105	52.6	247	29.8	55.9	252	28.9	63.9	259	23.9						
110	50.0	243	28.8	53.4	248	27.1	61.7	256	22.3						
115	47.3	239	27.2	50.9	244	25.5	59.4	253	20.9						
120	44.5	234	25.6	48.2	240	24.0	57.0	250	19.6						
125	41.6	228	24.2	45.5	235	22.6	54.6	246	18.5						
130	38.4	222	22.8	42.6	230	21.4	52.1	243	17.4						
135	35.1	215	21.6	39.5	224	20.2	49.5	238	16.4						
140										57.0	242	11.1			
140	31.4	207	20.5	36.2	217	19.1	46.8	234	15.5	57.0	242	11.0			
145	27.2	198	19.4	32.6	209	18.1	44.0	229	14.7	55.0	239	10.4			
150	22.3	187	18.4	28.6	201	17.2	41.0	223	13.9	52.5	236	9.8			
155				24.0	190	16.3	37.8	217	13.1	49.9	232	9.2			
160				18.2	177	15.5	34.4	210	12.4	47.2	227	8.6			
165							30.6	202	11.8	44.4	222	8.1			
170							26.3	192	11.1	41.5	216	7.6			
175							21.2	180	10.5	38.3	210	7.2			
180										34.9	203	6.7			
185										31.2	195	6.3			
190										27.0	186	5.9			
195										22.1	175	5.5			
200										15.6	159	5.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	54.4									
70	69.7	278	52.7	72.3	280	49.7									
75	67.7	276	48.1	70.3	278	45.3									
80	65.6	274	44.1	68.3	276	41.5									
85	63.6	271	40.7	66.3	274	38.2									
90	61.5	269	37.7	64.2	271	35.4									
95	59.3	266	35.0	62.6	269	32.9									
100	57.6	263	30.9	60.5	267	30.7									
101							67.0	271	24.7						
105	55.4	260	30.0	58.3	264	28.7	65.7	270	23.6						
110	53.1	256	28.7	56.1	260	26.9	63.6	267	22.0						
115	50.7	252	27.0	53.8	257	25.2	61.5	265	20.6						
120	48.2	248	25.4	51.5	253	23.8	59.4	262	19.4						
125	45.6	243	24.0	49.0	248	22.4	57.2	258	18.2						
130	42.9	237	22.6	46.5	244	21.1	54.9	255	17.1						
135	40.1	232	21.4	43.8	239	20.0	52.6	251	16.2						
140	37.0	225	20.3	41.0	233	18.9	50.2	247	15.3						
145	33.8	218	19.3	38.0	227	17.9	47.7	243	14.4	57.0	251	10.0			
150	30.2	210	18.3	34.8	220	17.0	45.1	238	13.6	55.3	248	9.5			
155	26.1	200	17.4	31.4	212	16.1	42.4	232	12.9	53.0	244	8.9			
160	21.4	188	16.5	27.5	203	15.3	39.5	226	12.2	50.6	240	8.4			
165				23.0	192	14.6	36.4	220	11.6	48.1	236	7.8			
170				17.4	178	13.8	33.1	212	10.9	45.5	231	7.4			
175							29.4	204	10.4	42.8	226	6.9			
180							25.2	194	9.8	40.0	220	6.5			
185							20.3	181	9.3	36.9	213	6.1			
190										33.6	206	5.7			
195										30.0	198	5.3			
200										26.0	188	4.9			
205										21.1	176	4.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.0									
75	69.1	287	47.8	71.6	288	44.9									
80	67.2	284	43.8	69.7	287	41.2									
85	65.3	282	40.4	67.8	285	37.9									
90	63.3	280	37.4	65.9	282	35.0									
95	61.3	277	34.7	64.4	280	32.6									
100	59.8	275	31.8	62.5	278	30.4									
105							67.0	280	23.3						
105	57.7	272	30.3	60.5	275	28.4	67.0	280	23.0						
110	55.6	268	28.4	58.4	272	26.6	65.3	278	21.7						
115	53.5	265	26.7	56.3	269	24.9	63.4	276	20.3						
120	51.2	261	25.1	54.2	265	23.4	61.4	273	19.0						
125	48.9	256	23.7	52.0	261	22.1	59.4	270	17.8						
130	46.5	252	22.4	49.7	257	20.8	57.3	267	16.8						
135	44.1	247	21.2	47.3	253	19.7	55.2	264	15.8						
140	41.4	241	20.0	44.9	248	18.6	53.0	260	14.9						
145	38.7	235	19.0	42.3	242	17.6	50.8	256	14.1						
150	35.7	228	18.0	39.6	236	16.7	48.5	251	13.3						
150										57.0	259	8.9			
155	32.6	221	17.1	36.7	230	15.9	46.1	247	12.5	55.5	257	8.5			
160	29.1	212	16.3	33.6	222	15.1	43.5	242	11.9	53.4	253	7.9			
165	25.2	202	15.5	30.3	214	14.3	40.9	236	11.2	51.1	249	7.4			
170	20.5	190	14.7	26.5	205	13.6	38.1	230	10.6	48.8	245	7.0			
175				22.1	193	12.9	35.1	223	10.0	46.4	240	6.5			
180				16.7	178	12.2	31.9	215	9.5	44.0	235	6.1			
185							28.3	206	9.0	41.3	229	5.7			
190							24.3	196	8.5	38.6	223	5.3			
195							19.5	183	8.0	35.6	216	4.9			
200										32.4	209	4.6			
205										28.9	200	4.2			
210										25.0	190	3.9			
215										20.3	177	3.6			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	40.8									
85	66.8	293	40.1	69.1	295	37.6									
90	65.0	291	37.1	67.4	293	34.7									
95	63.1	288	34.4	66.0	291	32.3									
100	61.7	286	32.2	64.1	289	30.1									
105	59.8	283	30.0	62.3	286	28.1									
108							67.0	289	21.4						
110	57.8	280	28.1	60.4	284	26.2	66.8	289	21.3						
115	55.9	277	26.4	58.5	281	24.6	65.0	287	19.9						
120	53.8	273	24.8	56.5	277	23.1	63.2	284	18.6						
125	51.7	269	23.4	54.5	274	21.8	61.3	282	17.4						
130	49.6	265	22.1	52.4	270	20.5	59.4	279	16.4						
135	47.4	261	20.9	50.3	266	19.4	57.4	275	15.4						
140	45.0	256	19.8	48.1	261	18.3	55.5	272	14.5						
145	42.6	250	18.7	45.8	257	17.3	53.4	268	13.7						
150	40.1	244	17.8	43.4	251	16.4	51.3	264	12.9						
155	37.4	238	16.9	40.9	246	15.6	49.1	260	12.2						
156										57.0	267	7.7			
160	34.6	231	16.0	38.3	240	14.8	46.9	256	11.5	55.8	265	7.3			
165	31.5	223	15.2	35.5	233	14.0	44.6	251	10.9	53.7	261	6.9			
170	28.1	214	14.5	32.5	225	13.3	42.1	245	10.3	51.6	258	6.4			
175	24.3	204	13.7	29.2	216	12.6	39.6	239	9.7	49.5	253	5.9			
180	19.7	191	13.1	25.6	207	12.0	36.9	233	9.2	47.3	249	5.5			
185				21.3	195	11.4	34.0	225	8.7	44.9	244	5.1			
190				16.0	179	10.8	30.8	217	8.2	42.5	238	4.8			
195							27.4	208	7.7	40.0	233	4.4			
200							23.4	197	7.3	37.3	226	4.1			
205							18.7	184	6.8	34.5	219	3.7			
210										31.4	211	3.4			
215										28.0	202	3.1			
220										24.1	192	2.9			
225										19.5	179	2.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.3									
90	66.4	302	36.5	68.6	304	34.5									
95	64.7	299	34.2	67.3	302	32.0									
100	63.3	297	31.9	65.6	300	29.8									
105	61.6	295	29.8	63.9	297	27.8									
110	59.8	292	27.9	62.1	295	26.0									
112							67.0	298	20.0						
115	57.9	289	26.2	60.3	292	24.4	66.4	298	19.6						
120	56.1	285	24.6	58.5	289	22.9	64.7	295	18.3						
125	54.1	282	23.2	56.7	286	21.5	63.0	293	17.2						
130	52.2	278	21.9	54.8	282	20.3	61.2	290	16.1						
135	50.1	274	20.6	52.8	278	19.1	59.4	287	15.1						
140	48.1	269	19.5	50.8	274	18.1	57.6	284	14.2						
145	45.9	265	18.5	48.7	270	17.1	55.7	281	13.4						
150	43.7	259	17.5	46.6	265	16.2	53.7	277	12.6						
155	41.3	254	16.6	44.4	260	15.3	51.8	273	11.9						
160	38.9	248	15.8	42.1	255	14.5	49.7	269	11.2						
161										57.0	275	6.7			
165	36.3	241	15.0	39.7	249	13.8	47.6	264	10.6	56.0	274	6.4			
170	33.5	234	14.3	37.1	243	13.1	45.5	260	10.0	54.1	270	6.0			
175	30.5	225	13.5	34.4	236	12.4	43.2	254	9.4	52.1	266	5.5			
180	27.2	216	12.9	31.5	228	11.8	40.8	249	8.9	50.1	262	5.1			
185	23.5	205	12.2	28.3	219	11.2	38.4	242	8.4	48.0	258	4.7			
190	19.0	192	11.6	24.7	208	10.6	35.7	236	7.9	45.8	253	4.4			
195				20.6	196	10.1	32.9	228	7.5	43.6	248	4.0			
200				15.3	180	9.6	29.9	220	7.1	41.2	242	3.7			
205							26.5	210	6.6	38.8	236	3.4			
210							22.6	199	6.2	36.2	229	3.1			
215							18.0	185	5.8	33.4	222	2.8			
220										30.4	214	2.5			
225										27.1	204	2.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	27.5									
110	61.5	303	27.6	63.7	306	25.7									
115	59.7	300	25.9	62.0	303	24.0									
116							67.0	307	18.6						
120	58.0	297	24.3	60.3	301	22.6	66.1	306	17.9						
125	56.2	294	22.9	58.6	297	21.2	64.5	304	16.8						
130	54.4	290	21.6	56.8	294	20.0	62.8	301	15.7						
135	52.6	286	20.4	55.0	291	18.8	61.1	299	14.8						
140	50.7	282	19.2	53.2	287	17.8	59.4	296	13.9						
145	48.7	278	18.2	51.3	283	16.8	57.7	292	13.0						
150	46.7	273	17.2	49.3	279	15.9	55.9	289	12.3						
155	44.6	268	16.3	47.3	274	15.0	54.0	285	11.5						
160	42.4	263	15.5	45.3	269	14.2	52.2	282	10.9						
165	40.1	257	14.7	43.1	264	13.5	50.3	278	10.2						
167										57.0	284	5.6			
170	37.7	251	14.0	40.9	258	12.8	48.3	273	9.7	56.2	282	5.4			
175	35.2	244	13.3	38.5	252	12.1	46.3	268	9.1	54.3	279	5.0			
180	32.5	236	12.6	36.0	246	11.5	44.2	263	8.6	52.5	275	4.6			
185	29.6	228	12.0	33.4	238	10.9	42.0	258	8.1	50.6	271	4.2			
190	26.4	218	11.4	30.6	230	10.4	39.7	252	7.6	48.6	266	3.8			
195	22.7	207	10.8	27.4	221	9.8	37.2	246	7.2	46.6	262	3.5			
200	18.4	193	10.3	23.9	210	9.3	34.7	238	6.7	44.5	257	3.1			
205				19.9	197	8.8	31.9	231	6.3	42.3	251	2.8			
210							29.0	222	5.9	40.0	245	2.5			
215							25.7	212	5.5	37.6	239	2.2			
220							21.9	200	5.2						
225							17.4	186	4.8						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	23.7									
120							67.0	316	17.3						
120	59.7	309	24.0	61.9	312	22.2	67.0	316	17.1						
125	58.1	306	22.6	60.3	309	20.9	65.8	315	16.2						
130	56.4	302	21.3	58.6	306	19.6	64.2	312	15.2						
135	54.7	299	20.1	56.9	303	18.5	62.6	310	14.3						
140	52.9	295	18.9	55.2	299	17.4	61.0	307	13.4						
145	51.1	291	17.9	53.5	296	16.5	59.4	304	12.6						
150	49.3	287	16.9	51.7	292	15.6	57.7	301	11.9						
155	47.4	282	16.1	49.9	288	14.7	56.0	298	11.2						
160	45.4	277	15.2	48.0	283	13.9	54.3	294	10.5						
165	43.4	272	14.4	46.0	278	13.2	52.6	290	9.9						
170	41.2	267	13.7	44.0	273	12.5	50.7	286	9.3						
172										57.0	292	4.5			
175	39.0	260	13.0	41.9	268	11.8	48.9	282	8.7	56.3	291	4.4			
180	36.7	254	12.3	39.7	262	11.2	47.0	277	8.2	54.6	287	4.0			
185	34.2	247	11.7	37.5	255	10.6	45.0	272	7.7	52.8	283	3.6			
190	31.6	239	11.1	35.0	248	10.1	42.9	267	7.3	51.0	279	3.2			
195	28.7	230	10.6	32.5	241	9.5	40.8	261	6.8	49.2	275	2.9			
200	25.6	220	10.0	29.7	232	9.0	38.6	255	6.4	47.3	270	2.6			
205	22.0	208	9.5	26.6	223	8.6	36.2	248	6.0	45.3	266	2.3			
210				23.2	212	8.1	33.7	241	5.6						
215				19.2	198	7.6	31.0	233	5.2						
220							28.1	224	4.9						
225							24.9	214	4.5						
230							21.2	202	4.2						
235							16.8	187	3.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 66 ft luffing jib 133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	153.4												
35	74.3	206	131.7												
40	69.6	205	112.2												
41				75.0	206	101.8									
45	64.8	202	97.7	71.6	205	92.0									
50	59.8	200	84.9	66.9	203	80.4									
55	54.5	196	74.7	62.0	200	70.7									
60	48.8	192	66.6	56.8	197	63.1									
65	42.4	187	60.0	51.3	193	56.8									
69							67.0	199	44.9						
70	35.2	180	54.4	45.2	188	51.5	65.7	198	43.8						
75	26.1	171	49.7	38.4	182	47.1	60.7	196	40.0						
80				30.3	174	43.2	55.4	192	36.7						
85				19.0	163	39.8	49.8	188	33.9						
90							45.1	185	31.5						
95							38.3	179	29.3						
100							30.1	171	27.3						
101										57.0	185	20.6			
105										53.9	183	19.8			
110										48.1	179	18.5			
115										41.7	173	17.4			
120										34.3	167	16.3			
125										24.9	157	15.3			
156													37.0	142	4.1
160													32.5	138	3.9
165													22.3	127	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 76 ft luffing jib 133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	139.9												
35	76.4	217	130.0												
40	72.4	215	110.9												
44				75.0	216	93.6									
45	68.3	213	96.5	74.1	215	90.8									
50	64.1	211	84.7	70.1	213	80.1									
55	59.8	208	74.6	65.9	211	70.5									
60	55.2	205	66.5	61.6	209	62.8									
65	50.3	201	59.9	57.2	205	56.6									
70	45.0	196	54.3	52.4	202	51.3									
73							67.0	208	41.4						
75	39.2	190	49.7	47.3	197	46.9	64.9	207	39.6						
80	32.4	182	45.6	41.7	192	43.1	60.5	204	36.4						
85	23.9	172	42.1	35.4	185	39.8	56.0	201	33.6						
90				27.8	177	36.9	52.3	198	31.2						
95				17.1	163	34.2	47.2	193	29.0						
100							41.6	188	27.1						
105							35.3	181	25.3						
106										57.0	194	18.7			
110							27.6	173	23.7	54.6	192	18.1			
115										49.7	188	17.0			
120										44.4	183	15.9			
125										38.5	177	15.0			
130										31.5	169	14.1			
135										22.7	159	13.2			
164													37.0	148	3.1
165													37.0	148	3.1
170													29.9	140	2.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>85 ft luffing jib</b> <b>133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	128.4												
40	74.5	226	109.4												
45	71.0	224	95.3												
46				75.0	225	86.4									
50	67.3	222	84.3	72.5	224	79.2									
55	63.6	219	74.3	68.9	222	70.2									
60	59.7	216	66.3	65.2	220	62.5									
65	55.7	213	59.7	61.4	217	56.3									
70	51.4	209	54.2	57.4	214	51.1									
75	46.9	205	49.5	53.3	210	46.7									
76							67.0	217	38.3						
80	42.0	199	45.5	48.9	206	42.9	64.2	215	36.0						
85	36.5	193	42.0	44.1	201	39.6	60.4	213	33.2						
90	30.1	185	39.0	38.9	195	36.8	57.3	210	30.8						
95	22.0	174	36.2	33.0	188	34.2	53.2	207	28.7						
100				27.6	181	32.0	48.8	202	26.7						
105							44.0	197	25.0						
110							38.8	191	23.5						
112										57.0	202	17.0			
115							32.8	184	22.0	55.2	200	16.5			
120							25.6	175	20.7	50.9	196	15.5			
125										46.4	192	14.6			
130										41.4	186	13.7			
135										35.8	180	12.9			
140										29.3	171	12.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom                      95 ft luffing jib                      133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	118.7												
40	76.1	236	108.3												
45	73.0	234	94.4												
49				75.0	235	80.3									
50	69.8	232	83.5	74.4	234	78.4									
55	66.5	230	74.2	71.2	233	70.0									
60	63.2	228	66.1	67.9	231	62.4									
65	59.7	225	59.5	64.6	228	56.1									
70	56.1	222	54.1	61.2	226	50.9									
75	52.3	218	49.4	57.6	222	46.5									
80	48.3	214	45.4	53.9	219	42.8									
80							67.0	226	35.6						
85	44.1	209	42.0	50.1	215	39.5	64.5	225	33.0						
90	39.4	203	38.9	45.9	210	36.7	61.1	222	30.6						
95	34.2	196	36.3	41.4	205	34.1	57.6	219	28.5						
100	28.2	187	33.8	37.7	200	31.9	53.9	215	26.6						
105	22.5	178	31.8	32.3	192	29.9	50.0	211	24.8						
110				25.8	183	28.0	45.8	206	23.3						
115							41.4	201	21.9						
117										57.0	210	15.6			
120							36.4	194	20.6	55.7	209	15.3			
125							30.8	186	19.4	51.9	205	14.4			
130							23.9	176	18.3	47.9	201	13.5			
135										43.6	195	12.7			
140										38.9	189	12.0			
145										33.6	182	11.3			
150										27.4	173	10.6			



## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>133</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	93.2												
50	71.8	243	82.4												
52				75.0	244	74.7									
55	68.9	241	73.8	73.0	243	69.2									
60	65.9	239	65.9	70.1	241	62.0									
65	62.8	236	59.3	67.2	239	55.8									
70	59.7	233	53.8	64.1	237	50.6									
75	56.4	230	49.2	61.0	234	46.2									
80	53.0	226	45.2	57.8	231	42.5									
84							67.0	235	33.0						
85	49.5	222	41.8	54.5	227	39.2	67.0	235	32.5						
90	45.7	218	38.7	51.0	223	36.4	64.1	233	30.2						
95	41.7	212	36.1	47.3	219	33.9	61.0	230	28.1						
100	37.3	206	33.7	44.4	215	31.7	57.8	227	26.2						
105	33.5	200	31.6	40.2	209	29.7	54.4	224	24.5						
110	28.0	191	29.7	35.6	203	27.9	50.9	220	22.9						
115	21.1	180	27.9	30.5	195	26.2	47.3	215	21.5						
120				24.3	184	24.7	43.3	210	20.3						
122										57.0	218	14.2			
125							39.1	204	19.1	56.0	217	13.9			
130							34.4	197	18.0	52.6	214	13.1			
135							29.0	189	17.0	49.1	209	12.3			
140							22.5	178	16.1	45.3	204	11.6			
145										41.2	199	10.9			
150										36.7	192	10.3			
155										31.7	185	9.7			
160										25.8	175	9.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	92.0												
50	73.4	253	81.4												
54				75.0	254	69.6									
55	70.8	252	72.9	74.5	253	68.2									
60	68.1	250	65.6	71.9	252	61.6									
65	65.3	247	59.0	69.2	250	55.5									
70	62.5	245	53.5	66.5	248	50.3									
75	59.7	242	48.9	63.7	245	45.9									
80	56.7	239	44.9	60.9	242	42.2									
85	53.6	235	41.5	58.0	239	38.9									
88							67.0	244	30.2						
90	50.4	231	38.5	54.9	236	36.1	66.5	244	29.8						
95	47.0	226	35.8	51.8	232	33.6	63.7	242	27.7						
100	43.4	221	33.5	49.3	229	31.4	60.8	239	25.8						
105	40.5	217	30.8	45.8	224	29.4	57.9	236	24.1						
110	36.4	210	29.5	42.2	219	27.6	54.9	232	22.6						
115	31.8	203	27.8	38.2	213	26.0	51.7	228	21.2						
120	26.5	193	26.1	33.8	205	24.5	48.4	224	19.9						
125				28.9	197	23.1	44.9	219	18.8						
128										57.0	227	12.8			
130				22.9	186	21.8	41.2	214	17.7	56.3	226	12.6			
135							37.1	207	16.7	53.3	222	11.9			
140							32.7	200	15.8	50.0	218	11.2			
145							27.5	191	14.9	46.6	213	10.5			
150							21.2	179	14.1	43.0	208	9.9			
155										39.1	202	9.3			
160										34.9	195	8.8			
165										30.1	187	8.3			
170										24.4	177	7.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	80.6												
55	72.3	262	72.1												
57				75.0	263	65.2									
60	69.9	260	65.2	73.4	262	60.9									
65	67.4	258	58.8	70.9	260	55.3									
70	64.9	256	53.4	68.5	258	50.1									
75	62.3	253	48.7	66.0	256	45.7									
80	59.6	250	44.8	63.4	254	42.0									
85	56.9	247	41.3	60.8	251	38.7									
90	54.1	244	38.3	58.1	248	35.9									
92							67.0	253	28.3						
95	51.2	240	35.7	55.3	244	33.4	65.9	253	27.4						
100	48.1	235	33.3	53.1	242	31.2	63.4	250	25.5						
105	45.6	232	30.4	50.1	238	29.2	60.7	247	23.8						
110	42.3	226	29.0	47.0	233	27.4	58.0	244	22.3						
115	38.7	220	27.6	43.7	228	25.8	55.2	241	20.9						
120	34.7	213	26.0	40.2	222	24.3	52.4	237	19.7						
125	30.3	205	24.6	36.4	216	22.9	49.4	233	18.5						
130	25.2	195	23.2	32.3	208	21.7	46.2	228	17.5						
133										57.0	235	11.7			
135				27.5	199	20.5	42.9	223	16.5	56.6	234	11.6			
140				21.8	187	19.4	39.3	217	15.6	53.8	231	10.9			
145							35.4	210	14.8	50.8	227	10.2			
150							31.1	202	14.0	47.7	222	9.6			
155							26.2	193	13.2	44.5	217	9.1			
160							20.1	180	12.5	41.1	212	8.5			
165										37.3	205	8.0			
170										33.3	198	7.6			
175										28.7	189	7.1			
180										23.2	179	6.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	71.2												
59				75.0	273	61.1									
60	71.4	271	64.3	74.6	272	60.0									
65	69.2	269	58.6	72.4	271	54.6									
70	66.8	267	53.1	70.1	269	49.8									
75	64.5	264	48.5	67.8	267	45.4									
80	62.1	262	44.5	65.5	265	41.6									
85	59.6	259	41.0	63.1	262	38.4									
90	57.1	256	38.0	60.7	259	35.6									
95	54.5	252	35.4	58.2	256	33.1									
96							67.0	263	26.3						
100	52.4	249	31.1	56.2	254	30.9	65.5	261	25.1						
105	49.7	245	30.2	53.6	250	28.9	63.1	259	23.4						
110	46.8	240	28.7	50.9	246	27.1	60.6	256	21.9						
115	43.7	235	27.3	48.0	242	25.5	58.1	253	20.6						
120	40.5	230	25.8	45.0	237	24.0	55.6	249	19.3						
125	37.0	223	24.4	41.9	231	22.7	52.9	246	18.2						
130	33.2	216	23.0	38.5	225	21.4	50.2	241	17.1						
135	29.0	207	21.8	34.9	218	20.3	47.3	237	16.2						
139										57.0	243	10.5			
140	24.1	197	20.6	30.9	210	19.2	44.3	232	15.3	56.8	243	10.5			
145				26.3	201	18.2	41.1	226	14.4	54.2	239	9.8			
150				20.7	189	17.2	37.6	220	13.7	51.5	235	9.2			
155							33.9	213	12.9	48.7	231	8.7			
160							29.8	204	12.2	45.7	226	8.1			
165							25.0	194	11.6	42.6	221	7.6			
170							19.1	181	11.0	39.3	215	7.2			
175										35.7	208	6.7			
180										31.8	201	6.3			
185										27.4	191	5.9			
190										22.1	180	5.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 133  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 144 ft luffing jib 133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	57.2									
65	70.6	279	57.8	73.6	281	53.8									
70	68.5	277	52.8	71.5	279	49.2									
75	66.4	275	48.2	69.4	278	45.0									
80	64.2	273	44.2	67.3	276	41.3									
85	61.9	270	40.8	65.1	273	38.1									
90	59.6	267	37.8	62.9	271	35.2									
95	57.3	264	35.1	61.1	269	32.8									
99							67.0	272	24.8						
100	55.4	262	30.1	58.8	266	30.6	67.0	272	24.5						
105	52.9	258	29.3	56.5	262	28.6	65.1	270	23.0						
110	50.4	254	28.4	54.0	259	26.8	62.8	267	21.5						
115	47.7	249	26.9	51.5	255	25.2	60.6	264	20.2						
120	44.9	244	25.5	48.9	251	23.7	58.2	261	18.9						
125	42.0	239	24.1	46.1	246	22.4	55.8	258	17.8						
130	38.9	233	22.8	43.3	241	21.1	53.4	254	16.7						
135	35.5	226	21.6	40.2	235	20.0	50.8	250	15.8						
140	31.9	218	20.4	37.0	228	18.9	48.2	246	14.9						
144										57.0	251	9.4			
145	27.8	209	19.4	33.5	221	17.9	45.4	241	14.1	57.0	251	9.3			
150	23.0	198	18.4	29.6	213	17.0	42.5	236	13.3	54.6	248	8.7			
155				25.2	203	16.1	39.4	230	12.6	52.1	244	8.2			
160				19.8	190	15.3	36.1	223	11.9	49.5	240	7.7			
165							32.5	215	11.3	46.8	235	7.2			
170							28.5	207	10.7	43.9	230	6.8			
175							23.9	196	10.1	41.0	224	6.3			
180							18.2	182	9.5	37.8	218	5.9			
185										34.3	211	5.5			
190										30.5	203	5.2			
195										26.2	193	4.8			
200										21.1	181	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	53.9									
65	71.9	290	54.9	74.7	291	53.2									
70	70.0	288	52.4	72.8	290	48.7									
75	68.0	286	47.9	70.8	288	44.8									
80	65.9	284	44.0	68.8	286	41.1									
85	63.9	281	40.5	66.8	284	37.8									
90	61.8	279	37.5	64.7	282	35.0									
95	59.6	276	34.9	63.1	280	32.6									
100	57.9	273	30.9	61.0	277	30.4									
103							67.0	281	22.9						
105	55.7	270	29.8	58.9	274	28.4	66.8	280	22.7						
110	53.4	266	28.6	56.6	271	26.6	64.7	278	21.2						
115	51.0	262	26.9	54.4	267	25.0	62.6	275	19.9						
120	48.5	258	25.3	52.0	263	23.5	60.5	273	18.7						
125	46.0	253	23.9	49.6	259	22.1	58.3	270	17.5						
130	43.3	248	22.6	47.1	255	20.9	56.1	266	16.5						
135	40.5	242	21.4	44.5	250	19.8	53.8	263	15.5						
140	37.5	236	20.2	41.7	244	18.7	51.4	259	14.6						
145	34.2	229	19.2	38.8	238	17.7	49.0	254	13.8						
149										57.0	260	8.4			
150	30.7	221	18.2	35.6	231	16.8	46.4	250	13.1	57.0	260	8.3			
155	26.7	211	17.3	32.2	224	16.0	43.8	245	12.3	54.9	256	7.8			
160	22.1	200	16.4	28.5	215	15.1	41.0	239	11.7	52.6	253	7.3			
165				24.2	204	14.4	38.0	233	11.0	50.2	248	6.8			
170				18.9	191	13.7	34.8	226	10.5	47.7	244	6.4			
175							31.3	218	9.9	45.1	239	5.9			
180							27.4	209	9.4	42.3	234	5.6			
185							22.9	198	8.8	39.5	228	5.2			
190							17.3	183	8.3	36.4	221	4.8			
195										33.0	214	4.5			
200										29.4	205	4.2			
205										25.2	195	3.8			
210										20.2	183	3.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	47.9									
75	69.3	297	47.2	72.0	299	44.0									
80	67.5	295	43.7	70.1	297	40.7									
85	65.5	292	40.3	68.3	295	37.5									
90	63.6	290	37.2	66.4	293	34.7									
95	61.6	287	34.6	64.9	291	32.3									
100	60.1	285	32.0	62.9	288	30.1									
105	58.0	282	30.2	60.9	286	28.1									
107							67.0	290	21.4						
110	55.9	279	28.3	58.9	283	26.3	66.3	289	20.8						
115	53.8	275	26.6	56.8	279	24.7	64.4	287	19.5						
120	51.5	271	25.0	54.7	276	23.2	62.4	284	18.3						
125	49.3	267	23.6	52.5	272	21.8	60.4	281	17.1						
130	46.9	262	22.3	50.2	268	20.6	58.4	278	16.1						
135	44.4	257	21.1	47.9	263	19.5	56.3	275	15.1						
140	41.8	252	20.0	45.5	259	18.4	54.1	271	14.3						
145	39.1	246	18.9	42.9	253	17.4	51.9	267	13.5						
150	36.2	239	18.0	40.3	248	16.5	49.7	263	12.7						
155										57.0	268	7.2			
155	33.0	231	17.1	37.4	241	15.7	47.3	259	12.0	57.0	268	7.1			
160	29.6	223	16.2	34.4	234	14.9	44.8	254	11.3	55.2	265	6.7			
165	25.7	213	15.4	31.1	226	14.1	42.3	248	10.7	53.0	261	6.2			
170	21.2	201	14.6	27.4	217	13.4	39.6	242	10.1	50.8	257	5.8			
175				23.2	206	12.7	36.7	236	9.6	48.4	253	5.4			
180				18.1	192	12.1	33.6	229	9.0	46.0	248	5.0			
185							30.2	220	8.5	43.5	243	4.6			
190							26.4	211	8.1	40.9	237	4.3			
195							22.1	199	7.6	38.1	231	3.9			
200							16.6	184	7.1	35.1	224	3.6			
205										31.9	216	3.3			
210										28.3	207	3.0			
215										24.3	197	2.7			
220										19.4	184	2.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	40.0									
85	67.0	303	40.0	69.6	305	37.1									
90	65.2	301	36.9	67.8	303	34.3									
95	63.4	298	34.3	66.4	302	31.9									
100	61.9	296	32.0	64.6	299	29.7									
105	60.0	293	29.9	62.7	297	27.7									
110	58.1	290	28.0	60.9	294	25.9									
111							67.0	299	19.8						
115	56.1	287	26.3	58.9	291	24.3	65.9	297	19.1						
120	54.1	283	24.8	57.0	288	22.9	64.1	295	17.9						
125	52.0	280	23.3	55.0	284	21.5	62.3	292	16.7						
130	49.9	275	22.0	52.9	281	20.3	60.4	290	15.7						
135	47.7	271	20.8	50.8	277	19.1	58.4	287	14.8						
140	45.4	266	19.7	48.6	272	18.1	56.5	283	13.9						
145	43.0	261	18.7	46.4	268	17.1	54.5	280	13.1						
150	40.5	255	17.7	44.0	262	16.2	52.4	276	12.3						
155	37.8	249	16.8	41.5	257	15.4	50.3	272	11.6						
160										57.0	276	6.0			
160	35.0	242	15.9	39.0	251	14.6	48.1	267	11.0	57.0	276	6.0			
165	31.9	234	15.2	36.2	244	13.8	45.8	263	10.3	55.4	273	5.6			
170	28.6	225	14.4	33.3	237	13.1	43.4	257	9.8	53.4	270	5.2			
175	24.8	215	13.7	30.1	228	12.5	40.9	252	9.2	51.3	266	4.8			
180	20.4	203	13.0	26.5	219	11.8	38.3	246	8.7	49.1	261	4.4			
185				22.4	207	11.2	35.5	239	8.2	46.9	257	4.0			
190				17.4	193	10.7	32.5	231	7.7	44.5	252	3.7			
195							29.2	223	7.3	42.1	246	3.4			
200							25.5	213	6.9	39.6	240	3.1			
205							21.2	201	6.4	36.9	234	2.8			
210										34.0	227	2.5			
215										30.8	219	2.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	36.5									
90	66.6	312	36.1	69.0	314	34.0									
95	64.9	309	34.1	67.7	312	31.7									
100	63.6	307	31.8	66.0	310	29.5									
105	61.8	305	29.7	64.3	308	27.5									
110	60.0	302	27.8	62.6	305	25.7									
115							67.0	308	18.6						
115	58.2	299	26.1	60.8	303	24.1	67.0	308	18.4						
120	56.3	296	24.5	59.0	300	22.6	65.6	306	17.4						
125	54.4	292	23.1	57.1	296	21.3	63.9	304	16.4						
130	52.4	288	21.8	55.2	293	20.0	62.1	301	15.4						
135	50.4	284	20.6	53.3	289	18.9	60.3	298	14.5						
140	48.4	280	19.5	51.3	285	17.9	58.5	295	13.6						
145	46.2	275	18.4	49.2	281	16.9	56.6	292	12.8						
150	44.0	270	17.5	47.1	276	16.0	54.7	288	12.0						
155	41.7	264	16.6	44.9	271	15.1	52.8	285	11.3						
160	39.2	258	15.7	42.7	266	14.3	50.8	281	10.7						
165	36.6	252	14.9	40.3	260	13.6	48.7	276	10.1						
165										57.0	284	5.1			
170	33.9	245	14.2	37.8	254	12.9	46.6	272	9.5	55.7	282	4.8			
175	30.9	236	13.5	35.1	247	12.3	44.4	267	9.0	53.7	278	4.4			
180	27.7	227	12.8	32.2	239	11.6	42.1	261	8.4	51.8	274	4.0			
185	24.0	217	12.2	29.1	231	11.0	39.6	255	8.0	49.7	270	3.6			
190	19.7	204	11.6	25.6	221	10.5	37.1	249	7.5	47.6	266	3.3			
195				21.6	209	9.9	34.4	242	7.0	45.4	261	3.0			
200				16.7	194	9.4	31.5	234	6.6	43.2	256	2.7			
205							28.3	225	6.2	40.8	250	2.4			
210							24.7	214	5.8						
215							20.5	202	5.5						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.1									
105	63.4	316	28.5	65.7	319	27.2									
110	61.7	313	27.5	64.1	316	25.4									
115	60.0	310	25.8	62.4	314	23.8									
119							67.0	317	16.9						
120	58.2	307	24.2	60.7	311	22.3	66.9	317	16.8						
125	56.5	304	22.8	59.0	308	20.9	65.3	315	15.8						
130	54.7	301	21.5	57.2	305	19.7	63.7	312	14.8						
135	52.8	297	20.3	55.4	301	18.6	62.0	309	13.9						
140	50.9	293	19.2	53.6	298	17.5	60.3	307	13.0						
145	49.0	288	18.1	51.7	294	16.6	58.5	304	12.3						
150	47.0	284	17.2	49.8	290	15.7	56.8	300	11.5						
155	44.9	279	16.3	47.8	285	14.8	55.0	297	10.9						
160	42.7	274	15.4	45.8	280	14.0	53.1	293	10.2						
165	40.4	268	14.7	43.6	275	13.3	51.2	289	9.6						
170	38.1	262	13.9	41.4	270	12.6	49.3	285	9.1						
171										57.0	293	4.0			
175	35.6	255	13.2	39.1	264	12.0	47.3	280	8.5	55.9	290	3.8			
180	32.9	247	12.6	36.7	257	11.3	45.2	275	8.0	54.0	287	3.4			
185	30.0	239	11.9	34.1	250	10.8	43.1	270	7.6	52.2	283	3.1			
190	26.8	229	11.3	31.3	242	10.2	40.8	265	7.1	50.3	279	2.7			
195	23.2	218	10.8	28.2	233	9.7	38.5	258	6.7	48.3	274	2.4			
200	19.0	205	10.2	24.8	223	9.2	36.0	252	6.3						
205				20.9	210	8.7	33.4	244	5.9						
210							30.5	236	5.5						
215							27.4	227	5.2						
220							23.9	216	4.8						
225							19.8	203	4.5						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	23.4									
120	60.0	319	23.8	62.3	322	22.0									
123							67.0	326	15.4						
125	58.3	316	22.5	60.7	319	20.6	66.6	325	15.2						
130	56.6	313	21.2	59.0	316	19.4	65.0	323	14.2						
135	54.9	309	20.0	57.3	313	18.3	63.5	321	13.3						
140	53.2	305	18.9	55.6	310	17.2	61.9	318	12.5						
145	51.4	301	17.8	53.9	306	16.2	60.2	315	11.7						
150	49.5	297	16.9	52.1	302	15.3	58.6	312	11.0						
155	47.6	293	16.0	50.3	298	14.5	56.9	309	10.3						
160	45.7	288	15.1	48.4	294	13.7	55.2	305	9.7						
165	43.6	283	14.4	46.5	289	13.0	53.5	302	9.1						
170	41.5	277	13.6	44.5	284	12.3	51.7	298	8.5						
175	39.3	271	12.9	42.4	279	11.6	49.8	294	8.0						
176										57.0	301	3.0			
180	37.0	265	12.3	40.3	273	11.0	48.0	289	7.5	56.0	299	2.8			
185	34.6	258	11.7	38.0	267	10.5	46.0	284	7.0	54.3	295	2.5			
190	32.0	250	11.1	35.6	260	9.9	44.0	279	6.6						
195	29.1	241	10.5	33.1	252	9.4	41.9	274	6.2						
200	26.0	231	10.0	30.4	244	8.9	39.7	268	5.8						
205	22.5	220	9.5	27.4	235	8.4	37.4	261	5.4						
210	18.4	206	9.0	24.1	224	7.9	35.0	255	5.0						
215				20.3	212	7.5	32.4	247	4.7						
220							29.7	238	4.3						
225							26.6	229	4.0						
230							23.2	218	3.7						
235							19.2	204	3.4						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	146.5												
35	74.9	217	129.4												
40	70.3	215	110.4												
43				75.0	216	96.2									
45	65.5	213	96.1	72.7	215	90.0									
50	60.5	210	84.6	68.0	213	79.6									
55	55.2	206	74.5	63.2	211	70.1									
60	49.6	202	66.4	58.1	208	62.5									
65	43.4	197	59.8	52.6	204	56.3									
70	36.3	191	54.2	46.7	199	51.1									
71							67.0	209	41.6						
75	27.5	182	49.5	40.2	194	46.7	63.3	207	38.8						
80				32.4	186	42.9	58.1	204	35.7						
85				22.3	176	39.5	54.0	201	33.0						
90							48.3	197	30.6						
95							41.9	191	28.4						
100							34.5	184	26.5						
105							25.2	175	24.7						
105										57.0	194	18.1			
110										52.9	191	17.2			
115										47.1	187	16.2			
120										40.5	181	15.1			
125										32.9	174	14.2			
130										22.9	164	13.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 76 ft luffing jib 142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	134.0												
35	76.9	227	127.7												
40	73.0	225	109.0												
45	68.9	223	95.0												
45				75.0	225	88.6									
50	64.7	221	84.0	71.1	224	78.5									
55	60.4	218	74.3	66.9	222	69.8									
60	55.8	215	66.3	62.7	219	62.2									
65	51.0	211	59.7	58.2	216	56.0									
70	45.8	206	54.2	53.6	212	50.9									
75	40.0	201	49.5	48.6	208	46.5	67.0	218	38.4						
80	33.4	193	45.5	43.1	203	42.7	62.8	215	35.3						
85	25.2	184	42.0	37.0	197	39.5	59.4	213	32.6						
90				29.8	189	36.6	54.8	209	30.2						
95				20.2	177	34.0	49.9	205	28.1						
100							44.5	200	26.2						
105							38.6	194	24.5						
110							31.8	187	23.0						
111										57.0	202	16.4			
115							23.0	177	21.5	53.8	200	15.7			
120										48.9	196	14.8			
125										43.4	191	13.9			
130										37.4	184	13.0			
135										30.2	176	12.2			
140										20.9	165	11.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	123.2												
40	75.0	236	107.6												
45	71.4	234	93.8												
48				75.0	235	82.0									
50	67.8	232	83.0	73.3	234	77.4									
55	64.1	230	74.1	69.8	232	69.3									
60	60.3	227	66.0	66.1	230	61.9									
65	56.2	223	59.5	62.3	228	55.8									
70	52.0	220	54.0	58.4	224	50.6									
75	47.5	215	49.3	54.3	221	46.2									
79							67.0	227	35.5						
80	42.7	210	45.4	49.9	217	42.5	66.2	226	34.8						
85	37.3	204	41.9	45.3	212	39.3	63.3	224	32.2						
90	31.1	196	38.9	40.2	206	36.4	59.4	221	29.9						
95	23.3	185	36.1	34.5	199	33.9	55.3	218	27.8						
100				29.4	193	31.7	51.1	214	25.9						
105							46.5	209	24.2						
110							41.5	204	22.7						
115							36.0	197	21.3						
116										57.0	211	14.9			
120							29.5	189	20.0	54.5	209	14.3			
125										50.2	204	13.4			
130										45.6	200	12.6			
135										40.5	194	11.9			
140										34.8	187	11.2			
145										28.1	179	10.5			
150										19.2	166	9.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	114.1												
40	76.6	246	106.5												
45	73.4	244	92.8												
50	70.2	243	82.2												
50				75.0	244	76.3									
55	67.0	240	73.6	71.9	243	68.6									
60	63.6	238	65.9	68.7	241	61.8									
65	60.2	235	59.3	65.4	239	55.6									
70	56.6	232	53.9	62.0	236	50.4									
75	52.8	228	49.2	58.5	233	46.1									
80	48.9	224	45.3	54.8	230	42.4									
83							67.0	236	33.1						
85	44.7	219	41.8	51.0	226	39.1	66.2	235	32.0						
90	40.1	213	38.8	46.9	221	36.3	62.9	233	29.6						
95	35.0	207	36.1	42.6	216	33.8	59.4	230	27.5						
100	29.1	198	33.7	38.9	211	31.6	55.8	227	25.7						
105	23.6	190	30.4	33.7	204	29.6	52.0	223	24.0						
110				27.5	195	27.8	48.0	218	22.5						
115							43.7	213	21.2						
120							39.0	207	19.9						
121										57.0	219	13.6			
125							33.8	200	18.8	55.0	217	13.2			
130							27.6	191	17.7	51.2	213	12.4			
135										47.2	209	11.7			
140										42.8	203	11.0			
145										38.0	197	10.3			
150										32.6	190	9.7			
155										26.3	181	9.1			
160										17.7	167	8.6			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	91.7												
50	72.2	253	81.1												
53				75.0	254	71.0									
55	69.3	251	72.7	73.7	253	67.6									
60	66.3	249	65.7	70.8	251	61.1									
65	63.2	246	59.1	67.9	249	55.3									
70	60.1	244	53.6	64.9	247	50.1									
75	56.9	240	49.0	61.8	244	45.8									
80	53.5	237	45.0	58.6	241	42.1									
85	50.0	233	41.6	55.3	238	38.8									
87							67.0	245	30.2						
90	46.2	228	38.6	51.9	234	36.0	65.6	244	29.2						
95	42.2	223	35.9	48.2	230	33.5	62.6	241	27.1						
100	37.9	216	33.6	45.3	226	31.4	59.4	238	25.3						
105	34.2	211	31.0	41.2	221	29.4	56.1	235	23.6						
110	28.8	202	29.4	36.8	214	27.6	52.7	231	22.2						
115	22.2	191	27.7	31.8	206	25.9	49.2	227	20.8						
120				25.9	197	24.4	45.4	222	19.6						
125							41.3	217	18.4						
127										57.0	227	12.3			
130							36.9	210	17.4	55.5	226	11.9			
135							31.9	203	16.4	52.0	222	11.2			
140							26.0	193	15.5	48.4	217	10.6			
145										44.6	213	9.9			
150										40.5	207	9.3			
155										35.9	200	8.8			
160										30.8	192	8.3			
165										24.7	182	7.7			
170										16.5	168	7.2			



## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>142</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	90.5												
50	73.8	263	80.1												
55	71.1	262	71.7												
55				75.0	263	66.3									
60	68.4	260	64.9	72.5	262	60.2									
65	65.7	258	58.8	69.9	260	54.8									
70	62.9	255	53.4	67.2	258	49.8									
75	60.1	252	48.7	64.4	256	45.5									
80	57.1	249	44.8	61.6	253	41.7									
85	54.0	245	41.4	58.7	250	38.5									
90	50.8	241	38.3	55.7	247	35.7									
90							67.0	254	28.1						
95	47.5	237	35.7	52.5	243	33.2	65.1	252	26.7						
100	43.9	232	33.3	50.1	240	31.1	62.3	250	24.9						
105	41.0	227	29.5	46.7	235	29.1	59.4	247	23.2						
110	37.0	221	28.5	43.1	230	27.3	56.4	244	21.8						
115	32.5	214	27.3	39.2	224	25.7	53.3	240	20.4						
120	27.3	204	26.0	34.9	217	24.2	50.1	236	19.2						
125	20.9	193	24.6	30.1	209	22.8	46.7	231	18.1						
130				24.5	199	21.6	43.1	226	17.0						
132										57.0	235	11.0			
135							39.2	220	16.1	55.8	234	10.8			
140							35.0	213	15.2	52.7	230	10.1			
145							30.2	205	14.4	49.5	226	9.5			
150							24.6	195	13.6	46.0	221	8.9			
155										42.4	216	8.4			
160										38.4	210	7.9			
165										34.1	203	7.4			
170										29.2	194	6.9			
175										23.4	184	6.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	79.3												
55	72.7	272	71.0												
58				75.0	273	62.2									
60	70.2	270	64.2	73.9	272	59.5									
65	67.8	268	58.5	71.5	271	54.2									
70	65.2	266	53.2	69.1	269	49.6									
75	62.7	263	48.5	66.6	267	45.2									
80	60.0	261	44.6	64.0	264	41.5									
85	57.3	257	41.2	61.4	261	38.3									
90	54.5	254	38.2	58.7	258	35.5									
94							67.0	263	26.7						
95	51.6	250	35.5	56.6	256	32.9	67.0	263	26.3						
100	48.5	246	33.2	53.8	252	30.9	64.7	261	24.6						
105	46.1	242	28.7	50.9	248	28.9	62.1	258	23.0						
110	42.7	237	27.2	47.8	244	27.1	59.4	255	21.5						
115	39.2	231	25.9	44.5	239	25.5	56.7	252	20.2						
120	35.3	224	24.7	41.1	233	24.0	53.8	248	19.0						
125	31.0	216	23.8	37.4	227	22.7	50.9	244	17.8						
130	26.0	206	22.9	33.3	220	21.4	47.8	240	16.8						
135	19.8	194	21.9	28.7	211	20.3	44.6	235	15.9						
137										57.0	244	10.0			
140				23.3	200	19.2	41.2	229	15.0	56.1	243	9.8			
145							37.4	223	14.2	53.3	239	9.2			
150							33.4	216	13.4	50.3	235	8.6			
155							28.8	207	12.7	47.2	230	8.1			
160							23.4	197	12.0	43.9	225	7.6			
165										40.4	220	7.2			
170										36.7	213	6.7			
175										32.5	206	6.3			
180										27.8	197	5.9			
185										22.2	185	5.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	70.1												
60	71.7	281	63.4												
60				75.0	282	58.3									
65	69.5	279	57.7	72.9	281	53.4									
70	67.2	277	52.9	70.7	279	48.9									
75	64.8	275	48.3	68.4	277	44.9									
80	62.4	272	44.3	66.1	275	41.2									
85	60.0	269	40.9	63.7	273	38.0									
90	57.5	266	37.9	61.3	270	35.2									
95	54.9	262	35.3	59.4	268	32.8									
98							67.0	272	24.5						
100	52.8	260	30.0	56.8	264	30.6	66.7	272	24.2						
105	50.1	255	29.0	54.2	261	28.6	64.3	269	22.6						
110	47.2	251	27.5	51.5	257	26.8	61.9	267	21.1						
115	44.1	246	26.1	48.7	253	25.2	59.4	264	19.8						
120	40.9	240	24.7	45.8	248	23.7	56.9	261	18.6						
125	37.5	234	23.6	42.7	243	22.4	54.3	257	17.5						
130	33.8	227	22.6	39.4	237	21.2	51.6	253	16.4						
135	29.6	218	21.7	35.8	230	20.0	48.8	249	15.5						
140	24.8	208	20.6	31.9	222	19.0	45.8	244	14.6						
143										57.0	252	8.7			
145				27.4	213	18.0	42.7	239	13.8	56.4	251	8.6			
150				22.2	202	17.0	39.4	233	13.1	53.8	248	8.0			
155							35.8	226	12.4	51.0	244	7.5			
160							31.9	218	11.7	48.2	239	7.0			
165							27.5	209	11.1	45.2	234	6.6			
170							22.3	198	10.5	42.1	229	6.2			
175										38.7	223	5.8			
180										35.1	216	5.4			
185										31.1	208	5.0			
190										26.6	199	4.7			
195										21.1	187	4.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 144 ft luffing jib 142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	54.6									
65	70.9	289	56.9	74.1	291	52.5									
70	68.8	288	52.1	72.0	290	48.1									
75	66.7	285	48.0	69.9	288	44.3									
80	64.5	283	44.0	67.8	286	40.8									
85	62.2	280	40.6	65.6	284	37.6									
90	59.9	278	37.6	63.4	281	34.8									
95	57.6	274	35.0	61.7	279	32.5									
100	55.8	272	29.9	59.4	276	30.3									
102							67.0	281	22.7						
105	53.3	268	28.9	57.0	273	28.3	66.2	280	22.2						
110	50.7	264	28.0	54.6	269	26.5	64.0	278	20.7						
115	48.1	260	26.5	52.1	266	24.9	61.7	275	19.4						
120	45.3	255	25.2	49.5	261	23.4	59.4	272	18.2						
125	42.4	250	23.9	46.8	257	22.1	57.1	269	17.1						
130	39.3	244	22.7	44.0	252	20.9	54.6	266	16.1						
135	36.0	237	21.5	41.0	246	19.7	52.1	262	15.1						
140	32.4	229	20.3	37.8	240	18.7	49.6	258	14.3						
145	28.4	220	19.3	34.4	233	17.7	46.9	253	13.5						
148										57.0	260	7.5			
150	23.7	210	18.3	30.6	225	16.8	44.0	248	12.7	56.6	260	7.4			
155				26.3	215	15.9	41.0	242	12.0	54.2	256	6.9			
160				21.2	203	15.1	37.9	236	11.4	51.6	252	6.4			
165							34.4	229	10.8	49.0	248	6.0			
170							30.6	221	10.2	46.3	243	5.6			
175							26.4	211	9.6	43.5	238	5.2			
180							21.3	199	9.1	40.4	232	4.8			
185										37.2	226	4.5			
190										33.7	219	4.1			
195										29.9	210	3.8			
200										25.4	200	3.5			
205										20.1	188	3.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	51.5									
70	70.2	298	51.6	73.2	300	47.5									
75	68.2	296	47.5	71.3	298	43.7									
80	66.2	294	43.8	69.3	296	40.4									
85	64.1	292	40.4	67.3	294	37.4									
90	62.0	289	37.4	65.2	292	34.6									
95	59.9	286	34.7	63.6	290	32.2									
100	58.2	284	30.9	61.5	288	30.0									
105	56.0	280	29.7	59.4	285	28.0									
106							67.0	290	21.2						
110	53.7	277	28.5	57.2	281	26.3	65.8	289	20.4						
115	51.3	273	26.8	54.9	278	24.7	63.7	286	19.1						
120	48.9	268	25.2	52.6	274	23.2	61.6	284	17.9						
125	46.3	264	23.8	50.2	270	21.9	59.4	281	16.8						
130	43.7	259	22.5	47.7	266	20.6	57.2	278	15.8						
135	40.9	253	21.3	45.1	261	19.5	55.0	274	14.9						
140	37.9	247	20.1	42.4	255	18.5	52.6	270	14.0						
145	34.7	240	19.1	39.5	249	17.5	50.2	266	13.2						
150	31.2	232	18.1	36.4	243	16.6	47.7	262	12.5						
153										57.0	268	6.5			
155	27.3	223	17.2	33.1	235	15.7	45.1	257	11.8	56.8	268	6.5			
160	22.8	211	16.4	29.4	227	14.9	42.4	251	11.1	54.5	265	6.0			
165				25.3	217	14.2	39.5	246	10.5	52.2	261	5.6			
170				20.3	204	13.5	36.5	239	9.9	49.8	257	5.2			
175							33.1	232	9.4	47.2	252	4.8			
180							29.5	223	8.9	44.6	247	4.4			
185							25.3	213	8.4	41.9	242	4.1			
190							20.4	201	7.9	39.0	236	3.8			
195										35.8	229	3.4			
200										32.5	221	3.2			
205										28.7	213	2.9			
210										24.4	202	2.6			
215										19.3	189	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 142  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	46.7									
75	69.6	307	45.9	72.4	309	43.0									
80	67.7	305	43.3	70.6	307	39.7									
85	65.8	302	40.1	68.7	305	36.8									
90	63.9	300	37.1	66.8	303	34.3									
95	61.9	297	34.4	65.4	301	31.9									
100	60.4	295	32.1	63.4	299	29.7									
105	58.3	292	30.1	61.4	296	27.7									
110							67.0	299	19.8						
110	56.2	289	28.2	59.4	293	26.0	67.0	299	19.6						
115	54.1	285	26.5	57.3	290	24.3	65.4	297	18.5						
120	51.9	281	24.9	55.2	286	22.9	63.4	295	17.4						
125	49.6	277	23.5	53.0	283	21.6	61.5	292	16.3						
130	47.2	273	22.2	50.8	279	20.3	59.4	289	15.4						
135	44.7	268	21.0	48.5	274	19.2	57.4	286	14.5						
140	42.2	262	19.9	46.1	270	18.2	55.2	283	13.6						
145	39.5	256	18.8	43.5	264	17.2	53.1	279	12.8						
150	36.6	250	17.9	40.9	259	16.3	50.8	275	12.1						
155	33.5	242	17.0	38.1	253	15.5	48.5	271	11.4						
159										57.0	277	5.4			
160	30.1	234	16.1	35.1	246	14.7	46.1	266	10.8	56.9	277	5.4			
165	26.3	224	15.3	31.9	238	13.9	43.6	261	10.2	54.8	273	5.0			
170	21.9	213	14.6	28.4	229	13.2	41.0	255	9.6	52.6	269	4.6			
175				24.3	219	12.6	38.2	249	9.1	50.4	265	4.2			
180				19.5	206	11.9	35.2	242	8.6	48.0	261	3.8			
185							32.0	234	8.1	45.6	256	3.5			
190							28.4	225	7.6	43.1	251	3.2			
195							24.4	215	7.2	40.4	245	2.9			
200							19.6	202	6.7	37.6	239	2.6			
205										34.6	232	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	39.0									
85	67.3	313	39.5	70.0	316	36.1									
90	65.5	311	36.8	68.2	314	33.6									
95	63.6	309	34.1	66.8	312	31.4									
100	62.2	307	31.9	65.0	310	29.4									
105	60.3	304	29.8	63.2	307	27.4									
110	58.4	301	27.9	61.3	304	25.6									
114							67.0	308	18.0						
115	56.4	297	26.2	59.4	302	24.0	66.9	308	17.9						
120	54.4	294	24.6	57.4	298	22.6	65.1	306	16.8						
125	52.3	290	23.2	55.5	295	21.2	63.2	303	15.7						
130	50.2	286	21.9	53.4	291	20.0	61.3	301	14.8						
135	48.0	281	20.7	51.3	287	18.9	59.4	298	13.9						
140	45.7	277	19.6	49.1	283	17.8	57.5	295	13.1						
145	43.3	271	18.6	46.9	278	16.9	55.5	291	12.3						
150	40.8	266	17.6	44.6	273	16.0	53.4	287	11.6						
155	38.2	259	16.7	42.1	268	15.2	51.3	284	11.0						
160	35.4	253	15.9	39.6	262	14.4	49.2	279	10.3						
164										57.0	285	4.4			
165	32.4	245	15.1	36.9	256	13.6	46.9	275	9.8	57.0	285	4.3			
170	29.1	236	14.3	34.0	248	12.9	44.6	270	9.2	55.1	282	4.0			
175	25.4	226	13.6	30.9	240	12.3	42.2	264	8.7	53.0	278	3.6			
180	21.1	214	12.9	27.4	231	11.7	39.6	258	8.2	50.9	274	3.3			
185				23.4	220	11.1	36.9	252	7.7	48.7	270	2.9			
190				18.7	207	10.5	34.0	245	7.3	46.5	265	2.6			
195							30.9	237	6.8	44.1	260	2.3			
200							27.5	227	6.4						
205							23.5	216	6.0						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	35.6									
90	66.9	322	35.8	69.4	324	33.1									
95	65.1	320	33.9	68.2	323	31.0									
100	63.8	318	31.7	66.5	321	28.9									
105	62.0	315	29.6	64.7	318	27.1									
110	60.3	312	27.7	63.0	316	25.4									
115	58.4	309	26.0	61.2	313	23.8									
117							67.0	317	16.6						
120	56.6	306	24.4	59.4	310	22.3	66.5	317	16.3						
125	54.7	302	23.0	57.6	307	21.0	64.8	314	15.3						
130	52.7	299	21.7	55.7	303	19.8	63.0	312	14.3						
135	50.7	295	20.5	53.8	300	18.6	61.2	309	13.5						
140	48.6	290	19.4	51.8	296	17.6	59.4	306	12.7						
145	46.5	286	18.3	49.7	292	16.6	57.6	303	11.9						
150	44.3	280	17.4	47.6	287	15.7	55.7	300	11.2						
155	42.0	275	16.5	45.5	282	14.9	53.8	296	10.5						
160	39.6	269	15.6	43.2	277	14.1	51.8	292	9.9						
165	37.0	263	14.9	40.9	272	13.4	49.8	288	9.4						
169										57.0	293	3.5			
170	34.3	255	14.1	38.4	265	12.7	47.7	283	8.8	57.0	293	3.5			
175	31.4	247	13.4	35.7	259	12.1	45.5	279	8.3	55.3	290	3.2			
180	28.1	238	12.8	32.9	251	11.4	43.3	273	7.8	53.4	287	2.8			
185	24.5	228	12.1	29.9	243	10.9	40.9	268	7.4	51.4	283	2.5			
190	20.3	216	11.5	26.5	233	10.3	38.4	262	6.9	49.4	278	2.2			
195				22.7	222	9.8	35.8	255	6.5						
200				18.0	208	9.3	33.0	247	6.1						
205							29.9	239	5.7						
210							26.6	229	5.4						
215							22.7	218	5.1						



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	28.3									
105	63.6	326	27.9	66.1	329	26.5									
110	61.9	323	27.4	64.5	327	24.9									
115	60.2	321	25.7	62.8	324	23.4									
120	58.5	318	24.1	61.1	321	22.0									
121							67.0	326	15.2						
125	56.7	314	22.7	59.4	319	20.7	66.1	325	14.7						
130	54.9	311	21.4	57.7	315	19.4	64.5	323	13.7						
135	53.1	307	20.2	55.9	312	18.3	62.8	320	12.9						
140	51.2	303	19.1	54.1	308	17.3	61.1	318	12.1						
145	49.2	299	18.0	52.2	305	16.3	59.4	315	11.3						
150	47.2	294	17.1	50.3	300	15.4	57.7	312	10.6						
155	45.2	289	16.2	48.3	296	14.6	55.9	308	10.0						
160	43.0	284	15.4	46.3	291	13.8	54.1	305	9.4						
165	40.8	278	14.6	44.2	286	13.1	52.2	301	8.8						
170	38.4	272	13.8	42.0	281	12.4	50.3	297	8.3						
175										57.0	302	2.5			
175	35.9	266	13.1	39.7	275	11.8	48.3	292	7.8	57.0	302	2.5			
180	33.3	258	12.5	37.3	268	11.1	46.3	288	7.3	55.6	299	2.2			
185	30.4	250	11.9	34.7	261	10.6	44.2	282	6.8						
190	27.3	241	11.3	32.0	254	10.0	42.0	277	6.4						
195	23.8	230	10.7	29.0	245	9.5	39.7	271	6.0						
200	19.6	217	10.2	25.7	235	9.0	37.3	265	5.6						
205				21.9	223	8.5	34.7	258	5.2						
210							32.0	250	4.9						
215							29.0	241	4.6						
220							25.7	231	4.2						
225							22.0	220	3.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.3									
115	61.8	332	23.9	64.2	335	22.8									
120	60.2	329	23.5	62.6	333	21.4									
125	58.5	326	22.4	61.0	330	20.2	67.0	335	13.8						
130	56.9	323	21.1	59.4	327	19.0	65.8	334	13.1						
135	55.1	319	19.9	57.7	324	18.0	64.3	331	12.3						
140	53.4	316	18.8	56.1	321	16.9	62.7	329	11.5						
145	51.6	312	17.7	54.3	317	16.0	61.1	326	10.7						
150	49.8	308	16.8	52.6	313	15.1	59.4	323	10.1						
155	47.9	303	15.9	50.7	309	14.3	57.8	320	9.4						
160	45.9	298	15.1	48.9	305	13.5	56.1	317	8.8						
165	43.9	293	14.3	47.0	300	12.8	54.4	313	8.2						
170	41.8	288	13.5	45.0	295	12.1	52.6	309	7.7						
175	39.6	282	12.9	42.9	290	11.4	50.8	305	7.2						
180	37.3	275	12.2	40.8	284	10.8	48.9	301	6.7						
185	34.9	268	11.6	38.6	278	10.3	47.0	296	6.3						
190	32.3	261	11.0	36.2	271	9.7	45.0	291	5.9						
195	29.5	252	10.4	33.7	264	9.2	43.0	286	5.5						
200	26.5	243	9.9	31.0	256	8.7	40.8	280	5.1						
205	23.0	231	9.4	28.1	247	8.2	38.6	274	4.7						
210	19.0	218	8.9	24.9	237	7.8	36.3	268	4.4						
215				21.2	225	7.3	33.8	260	4.0						
220							31.1	252	3.7						
225							28.2	243	3.4						
230							25.0	233	3.1						
235							21.3	221	2.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>66 ft luffing jib</b> <b>152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	127.0												
40	70.9	225	108.5												
44				75.0	226	90.9									
45	66.2	223	94.6	73.8	225	87.9									
50	61.2	220	83.7	69.2	223	77.8									
55	56.0	217	74.3	64.4	221	69.5									
60	50.4	213	66.2	59.3	218	61.9									
65	44.3	208	59.6	54.0	215	55.8									
70	37.3	202	54.1	48.2	210	50.6									
74							67.0	218	38.5						
75	28.9	193	49.4	41.8	205	46.2	65.8	218	37.6						
80				34.4	198	42.5	60.8	215	34.5						
85				25.1	189	39.2	56.8	212	32.0						
90							51.3	208	29.6						
95							45.2	204	27.5						
100							38.4	198	25.7						
105							30.3	190	24.0						
109										57.0	203	16.0			
110										57.0	203	15.8			
115										52.0	200	14.8			
120										46.0	195	13.9			
125										39.3	189	13.0			
130										31.4	182	12.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	125.3												
40	73.5	235	107.1												
45	69.5	233	93.4												
46				75.0	235	83.9									
50	65.3	231	82.7	72.0	234	76.7									
55	61.0	228	74.1	67.9	232	68.7									
60	56.5	225	66.1	63.7	229	61.7									
65	51.7	221	59.5	59.3	227	55.5									
70	46.5	217	54.0	54.7	223	50.4									
75	40.8	211	49.4	49.8	219	46.1									
78							67.0	227	35.5						
80	34.4	204	45.4	44.5	214	42.3	64.9	226	34.1						
85	26.5	195	41.9	38.6	208	39.1	61.6	224	31.6						
90				31.7	201	36.2	57.1	221	29.2						
95				22.9	190	33.7	52.4	217	27.2						
100							47.3	213	25.4						
105							41.7	207	23.7						
110							35.4	201	22.2						
115										57.0	211	14.4			
115							27.8	192	20.8	57.0	211	14.2			
120										53.0	208	13.5			
125										48.0	204	12.6			
130										42.5	199	11.9			
135										36.3	192	11.1			
140										28.9	184	10.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 85 ft luffing jib 152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	118.3												
40	75.5	246	105.7												
45	71.9	244	92.2												
49				75.0	245	77.8									
50	68.3	242	81.7	74.2	244	75.6									
55	64.6	240	73.2	70.6	243	67.7									
60	60.8	237	65.8	67.0	240	61.2									
65	56.8	234	59.3	63.2	238	55.2									
70	52.6	230	53.8	59.3	235	50.1									
75	48.2	226	49.2	55.3	232	45.8									
80	43.4	221	45.2	51.0	228	42.1									
81							67.0	236	32.4						
85	38.1	214	41.8	46.4	223	38.9	65.2	235	31.1						
90	32.0	207	38.7	41.5	218	36.0	61.4	232	28.8						
95	24.5	197	36.0	35.9	211	33.5	57.4	229	26.8						
100				31.1	205	31.4	53.3	226	25.0						
105				23.3	195	29.3	48.9	221	23.4						
110							44.1	216	21.9						
115							38.9	210	20.6						
120							33.0	203	19.3	57.0	220	12.8			
125							25.8	194	18.2	53.8	217	12.2			
130										49.4	213	11.4			
135										44.7	208	10.7			
140										39.6	202	10.1			
145										33.8	195	9.5			
150										26.8	186	8.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom                      95 ft luffing jib                      152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	109.7												
40	77.0	256	104.6												
45	73.9	254	91.3												
50	70.7	253	80.9												
51				75.0	254	72.5									
55	67.4	251	72.5	72.7	253	67.0									
60	64.1	248	65.6	69.5	251	60.6									
65	60.7	245	59.2	66.2	249	55.0									
70	57.1	242	53.7	62.8	246	49.9									
75	53.4	239	49.1	59.4	244	45.6									
80	49.4	234	45.1	55.7	240	41.9									
85	45.3	230	41.7	51.9	236	38.7									
85							67.0	245	30.2						
90	40.7	224	38.7	47.9	232	35.9	64.6	244	28.6						
95	35.7	217	36.0	43.6	227	33.4	61.2	241	26.6						
100	30.0	209	33.6	40.1	222	31.3	57.6	238	24.8						
105	24.7	201	29.1	35.0	216	29.3	53.9	234	23.2						
110				29.1	207	27.5	50.1	230	21.7						
115				21.7	196	25.8	45.9	225	20.4						
120							41.4	220	19.2						
125							36.5	213	18.1						
125										57.0	228	11.7			
130							30.9	206	17.0	54.4	225	11.2			
135							24.1	195	16.0	50.6	221	10.5			
140										46.5	217	9.9			
145										42.0	211	9.3			
150										37.2	205	8.7			
155										31.7	197	8.2			
160										25.0	188	7.7			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	90.1												
50	72.6	263	79.8												
54				75.0	264	67.6									
55	69.7	261	71.5	74.4	263	66.0									
60	66.7	259	64.7	71.5	262	59.7									
65	63.7	257	58.9	68.6	260	54.4									
70	60.5	254	53.4	65.6	257	49.6									
75	57.3	251	48.8	62.5	255	45.3									
80	54.0	247	44.9	59.4	252	41.6									
85	50.5	243	41.5	56.1	249	38.4									
89							67.0	254	28.5						
90	46.8	239	38.5	52.7	245	35.6	67.0	254	28.0						
95	42.8	233	35.8	49.1	241	33.2	64.1	252	26.2						
100	38.5	227	33.5	46.2	237	31.0	61.0	249	24.4						
105	34.9	222	29.8	42.2	232	29.1	57.8	246	22.8						
110	29.6	214	27.9	37.9	226	27.3	54.5	243	21.3						
115	23.2	203	26.0	33.0	218	25.6	51.0	239	20.0						
120				27.4	209	24.2	47.3	234	18.8						
125							43.4	229	17.7						
130							39.2	223	16.7						
131										57.0	236	10.3			
135							34.5	216	15.8	54.9	234	9.9			
140							29.1	208	14.9	51.5	230	9.3			
145							22.6	197	14.0	47.8	226	8.8			
150										43.9	221	8.3			
155										39.7	215	7.8			
160										35.1	208	7.3			
165										29.9	200	6.8			
170										23.5	189	6.4			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>152</b>
<b>counterweight [1000 lbs]:</b>	<b>76.1</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>115</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	78.8												
55	71.5	272	70.6												
57				75.0	273	63.1									
60	68.8	270	63.8	73.2	272	58.8									
65	66.1	268	58.2	70.5	270	53.5									
70	63.3	265	53.2	67.8	268	49.0									
75	60.5	262	48.6	65.1	266	45.0									
80	57.5	259	44.6	62.3	263	41.3									
85	54.5	256	41.2	59.4	260	38.1									
90	51.3	252	38.2	56.4	257	35.3									
93							67.0	263	26.1						
95	48.0	247	35.6	54.0	254	32.9	66.5	263	25.7						
100	44.4	242	33.2	50.8	250	30.7	63.7	261	23.9						
105	41.6	238	28.9	47.5	246	28.8	60.9	258	22.3						
110	37.6	232	27.7	43.9	241	27.0	58.0	255	20.9						
115	33.1	224	26.3	40.1	235	25.4	54.9	251	19.6						
120	28.1	216	24.8	36.0	228	23.9	51.8	247	18.4						
125	21.9	204	23.3	31.4	221	22.6	48.5	243	17.3						
130				26.0	211	21.3	45.0	238	16.4						
135							41.3	233	15.4						
136										57.0	244	9.0			
140							37.2	226	14.6	55.3	242	8.7			
145							32.7	219	13.8	52.2	239	8.1			
150							27.6	210	13.0	48.9	234	7.6			
155							21.3	198	12.3	45.4	230	7.2			
160										41.7	224	6.7			
165										37.8	218	6.3			
170										33.3	211	5.9			
175										28.3	202	5.5			
180										22.2	191	5.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	69.9												
59				75.0	283	59.3									
60	70.6	280	63.2	74.5	282	58.1									
65	68.1	278	57.6	72.1	281	52.9									
70	65.6	276	52.8	69.7	279	48.5									
75	63.0	274	48.4	67.2	277	44.7									
80	60.4	271	44.4	64.6	274	41.1									
85	57.7	268	41.0	62.0	272	37.9									
90	54.9	264	38.0	59.4	269	35.1									
95	52.0	260	35.4	57.3	266	32.7									
97							67.0	273	24.4						
100	49.7	257	30.5	54.5	263	30.5	66.0	272	23.7						
105	46.5	253	28.6	51.6	259	28.6	63.4	269	22.1						
110	43.2	247	26.8	48.5	255	26.8	60.8	266	20.7						
115	39.7	241	25.3	45.3	250	25.2	58.1	263	19.4						
120	35.8	235	24.0	41.9	244	23.7	55.3	260	18.2						
125	31.6	227	22.8	38.3	238	22.4	52.4	256	17.1						
130	26.7	218	21.8	34.3	231	21.2	49.4	252	16.1						
135	20.8	206	20.7	29.9	223	20.0	46.3	247	15.2						
140				24.7	213	19.0	42.9	242	14.4						
141										57.0	253	8.0			
145							39.4	236	13.6	55.7	251	7.7			
150							35.5	229	12.8	52.8	247	7.2			
155							31.2	221	12.1	49.8	243	6.8			
160							26.3	212	11.5	46.7	238	6.3			
165							20.2	200	10.8	43.4	233	5.9			
170										39.8	227	5.5			
175										36.0	221	5.1			
180										31.8	213	4.8			
185										26.9	204	4.5			
190										21.1	192	4.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	62.3												
62				75.0	292	55.5									
65	69.8	289	56.8	73.5	291	52.1									
70	67.5	287	52.1	71.2	289	47.7									
75	65.1	285	48.0	68.9	288	43.9									
80	62.8	282	44.1	66.6	285	40.6									
85	60.3	279	40.7	64.3	283	37.6									
90	57.8	276	37.8	61.9	280	34.8									
95	55.2	273	35.1	60.0	278	32.4									
100	53.2	270	30.2	57.5	275	30.2									
101							67.0	282	22.5						
105	50.4	266	29.4	54.9	272	28.3	65.5	280	21.6						
110	47.6	261	27.5	52.2	268	26.5	63.1	278	20.2						
115	44.6	256	25.8	49.4	263	24.9	60.7	275	19.0						
120	41.4	251	24.3	46.5	259	23.5	58.2	272	17.8						
125	38.0	245	22.9	43.4	254	22.1	55.6	268	16.7						
130	34.3	238	21.8	40.2	248	20.9	53.0	265	15.7						
135	30.2	229	20.9	36.7	241	19.8	50.2	261	14.8						
140	25.5	219	20.0	32.8	234	18.7	47.3	256	14.0						
145	19.7	207	19.1	28.6	225	17.7	44.3	251	13.2						
147										57.0	261	6.8			
150				23.5	214	16.8	41.1	245	12.5	55.9	259	6.6			
155							37.7	239	11.8	53.3	256	6.1			
160							34.0	232	11.1	50.6	252	5.7			
165							29.8	224	10.5	47.7	247	5.3			
170							25.1	214	10.0	44.7	242	4.9			
175							19.2	201	9.4	41.5	237	4.6			
180										38.1	231	4.2			
185										34.5	224	3.9			
190										30.4	215	3.6			
195										25.7	206	3.3			
200										20.0	193	3.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	52.1									
65	71.2	300	56.0	74.6	301	51.2									
70	69.1	298	51.3	72.6	300	46.9									
75	67.0	296	47.3	70.4	298	43.2									
80	64.8	293	43.8	68.3	296	39.9									
85	62.5	291	40.4	66.1	294	37.1									
90	60.3	288	37.5	63.9	291	34.4									
95	57.9	285	34.8	62.2	289	32.1									
100	56.1	282	29.6	59.9	287	29.9									
105							67.0	291	21.0						
105	53.6	278	28.5	57.6	283	27.9	67.0	291	20.7						
110	51.1	275	27.5	55.2	280	26.2	65.1	289	19.6						
115	48.5	270	26.0	52.7	276	24.6	62.9	286	18.4						
120	45.7	265	24.5	50.1	272	23.1	60.6	283	17.3						
125	42.8	260	23.1	47.5	268	21.8	58.3	280	16.3						
130	39.8	254	21.8	44.7	263	20.6	55.9	277	15.3						
135	36.5	248	20.7	41.7	257	19.5	53.4	273	14.4						
140	32.9	240	19.8	38.6	251	18.4	50.9	269	13.6						
145	29.0	232	19.1	35.2	244	17.5	48.2	265	12.8						
150	24.4	221	18.2	31.5	236	16.6	45.5	260	12.1						
152										57.0	269	5.6			
155	18.8	208	17.3	27.4	227	15.7	42.6	255	11.4	56.2	268	5.5			
160				22.5	216	14.9	39.5	249	10.8	53.7	264	5.1			
165							36.2	242	10.2	51.2	260	4.7			
170							32.6	235	9.6	48.6	256	4.3			
175							28.6	226	9.1	45.8	251	4.0			
180							24.0	215	8.6	43.0	246	3.6			
185							18.3	202	8.1	39.9	240	3.3			
190										36.6	234	3.0			
195										33.1	226	2.7			
200										29.2	218	2.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	49.1									
70	70.5	308	50.4	73.7	310	46.3									
75	68.5	306	46.7	71.7	309	42.6									
80	66.5	304	43.2	69.8	307	39.4									
85	64.4	302	40.2	67.8	305	36.6									
90	62.3	299	37.2	65.7	302	34.0									
95	60.2	296	34.6	64.1	301	31.8									
100	58.5	294	31.2	62.1	298	29.7									
105	56.3	291	30.0	59.9	295	27.7									
108							67.0	300	19.2						
110	54.0	287	28.4	57.7	292	25.9	66.8	299	19.1						
115	51.7	283	26.7	55.5	289	24.4	64.7	297	17.9						
120	49.2	279	25.1	53.2	285	22.9	62.7	295	16.8						
125	46.7	274	23.7	50.8	281	21.6	60.5	292	15.8						
130	44.0	269	22.4	48.3	276	20.4	58.4	289	14.9						
135	41.3	264	21.2	45.7	272	19.3	56.1	285	14.0						
140	38.3	257	20.1	43.0	266	18.2	53.8	282	13.3						
145	35.1	251	18.9	40.2	261	17.3	51.5	278	12.5						
150	31.7	243	18.1	37.2	254	16.4	49.0	274	11.8						
155	27.9	234	17.1	33.9	247	15.5	46.5	269	11.2						
158										57.0	277	4.8			
160	23.4	223	16.3	30.3	239	14.7	43.8	264	10.5	56.4	277	4.7			
165				26.3	229	14.0	41.0	258	10.0	54.1	273	4.3			
170				21.6	217	13.3	38.1	252	9.4	51.8	269	3.9			
175							34.9	245	8.9	49.3	265	3.6			
180							31.4	237	8.4	46.8	260	3.2			
185							27.5	228	7.9	44.2	255	2.9			
190							23.0	217	7.4	41.4	250	2.6			
195										38.4	243	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 76.1  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>95 ft luffing jib</b> <b>161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	102.9												
45	74.3	263	89.8												
50	71.1	262	79.6												
52				75.0	263	69.3									
55	67.8	260	71.4	73.4	262	65.6									
60	64.5	257	64.6	70.2	260	59.3									
65	61.1	255	58.9	66.9	258	54.0									
70	57.5	251	53.5	63.6	256	49.4									
75	53.8	248	48.9	60.1	253	45.2									
80	49.9	244	44.9	56.5	250	41.5									
85	45.8	239	41.5	52.8	246	38.3									
88							67.0	254	28.3						
90	41.3	234	38.5	48.8	242	35.5	66.1	253	27.7						
95	36.4	227	35.9	44.6	237	33.1	62.8	251	25.7						
100	30.7	219	33.5	41.1	232	31.0	59.3	248	24.0						
105	25.6	212	27.3	36.1	226	29.0	55.7	244	22.4						
110				30.5	218	27.2	51.9	241	21.0						
115				23.5	208	25.6	47.8	236	19.7						
120							43.5	231	18.5						
125							38.8	225	17.5						
129										57.0	236	10.0			
130							33.6	218	16.5	57.0	236	9.9			
135							27.4	209	15.5	53.5	232	9.3			
140							19.4	197	14.6	49.5	228	8.8			
145										45.4	223	8.2			
150										40.9	218	7.7			
155										35.9	211	7.3			
160										30.1	203	6.8			
165										23.1	193	6.4			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>84</b>
<b>counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>66</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 66 ft luffing jib 84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	101.0												
30	75.8	159	89.9												
35	71.2	157	73.4												
35				75.0	158	67.8									
40	66.4	155	61.0	70.8	157	57.5									
45	61.5	152	51.4	66.0	154	48.5									
50	56.3	149	44.2	61.1	152	41.7									
55	50.7	145	38.7	55.8	148	36.4									
56							67.0	153	28.8						
60	44.6	140	34.2	51.6	145	32.3	64.4	151	27.0						
65	39.4	136	30.7	45.6	141	28.9	59.3	148	24.0						
70	31.5	128	27.6	38.8	135	26.0	54.0	145	21.6						
75	20.9	117	24.9	30.8	127	23.5	48.2	140	19.5						
80							41.8	135	17.7						
81										57.0	142	12.7			
85							34.5	128	16.1	53.4	139	11.9			
90							25.1	119	14.7	47.6	135	10.8			
95										41.2	129	9.8			
100										33.7	122	8.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	90.2												
30	77.7	169	88.5												
35	73.7	168	72.3												
38				75.0	168	61.0									
40	69.7	166	60.9	73.4	167	57.1									
45	65.5	164	51.3	69.4	165	48.3									
50	61.2	161	44.1	65.2	163	41.5									
55	56.7	158	38.6	60.9	160	36.3									
60	51.9	154	34.1	57.4	158	32.2	67.0	162	25.9						
65	48.0	150	30.6	52.7	154	28.7	63.7	160	23.7						
70	42.5	145	27.6	47.6	150	25.9	59.4	157	21.3						
75	36.3	139	25.0	42.1	144	23.4	54.7	153	19.3						
80	28.9	130	22.7	35.8	138	21.3	49.8	149	17.5						
85	18.9	118	20.7	28.3	129	19.4	44.5	144	15.9						
86										57.0	150	11.1			
90							38.6	138	14.6	54.3	148	10.5			
95							31.7	131	13.3	49.3	144	9.5			
100							22.9	120	12.2	44.0	139	8.7			
105										38.0	132	7.9			
110										31.0	125	7.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	81.2												
35	75.6	178	71.2												
40	72.1	176	60.0												
41				75.0	177	55.1									
45	68.5	174	51.1	71.9	176	48.0									
50	64.8	172	44.0	68.2	174	41.3									
55	61.0	169	38.4	64.5	171	36.0									
60	57.0	166	34.0	61.6	169	32.0									
64							67.0	171	23.9						
65	53.8	163	30.5	57.7	166	28.5	67.0	171	23.4						
70	49.5	159	27.4	53.5	163	25.7	63.2	168	21.0						
75	44.8	154	24.9	49.1	158	23.2	59.4	165	18.9						
80	39.6	149	22.6	44.4	153	21.2	55.3	162	17.2						
85	33.8	141	20.7	39.2	148	19.3	51.0	158	15.7						
90	26.9	132	19.0	33.3	140	17.7	46.5	153	14.3						
91										57.0	158	9.6			
95										54.9	156	9.2			
100	17.3	119	17.4	26.3	131	16.3	41.5	148	13.1	50.6	152	8.3			
105							35.9	141	12.0	46.0	148	7.6			
110							29.5	133	11.1	41.0	142	6.9			
115							21.2	122	10.1	35.4	135	6.3			
120										28.8	127	5.7			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      95 ft luffing jib                      84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	73.9												
35	77.2	188	70.3												
40	74.0	187	59.2												
43				75.0	187	50.4									
45	70.9	185	51.0	73.8	186	47.6									
50	67.6	183	43.9	70.6	184	41.1									
55	64.3	181	38.3	67.4	182	35.9									
60	60.8	178	33.9	64.8	181	31.8									
65	58.1	175	30.4	61.4	178	28.4									
68							67.0	180	21.3						
70	54.5	172	27.3	57.9	175	25.6	66.2	179	20.8						
75	50.6	168	24.8	54.2	171	23.1	62.9	177	18.8						
80	46.5	163	22.6	50.3	167	21.1	59.4	174	17.0						
85	42.1	158	20.7	46.2	162	19.3	55.8	170	15.5						
90	37.2	152	19.0	41.7	157	17.7	52.0	167	14.2						
95	31.7	144	17.5	36.8	151	16.2	48.0	162	13.0						
97										57.0	166	8.5			
100	25.1	134	16.1	31.3	143	15.0	43.7	157	11.9	55.4	165	8.1			
105				24.5	133	13.8	39.0	151	11.0	51.6	161	7.4			
110							33.7	144	10.1	47.5	156	6.7			
115							27.6	135	9.3	43.2	151	6.1			
120							19.7	123	8.5	38.5	145	5.6			
125										33.2	138	5.0			
130										26.9	129	4.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	67.4												
40	75.6	197	58.3												
45	72.7	195	50.2												
46				75.0	196	46.0									
50	69.8	194	43.7	72.5	195	40.9									
55	66.9	191	38.1	69.6	193	35.6									
60	63.8	189	33.7	67.3	191	31.6									
65	61.4	187	30.2	64.3	189	28.2									
70	58.3	184	27.1	61.2	186	25.3									
72							67.0	189	19.3						
75	54.9	180	24.6	58.0	183	22.9	65.6	188	18.4						
80	51.5	177	22.4	54.7	180	20.8	62.5	185	16.7						
85	47.8	172	20.5	51.2	176	19.0	59.4	182	15.2						
90	44.0	167	18.8	47.5	171	17.4	56.1	179	13.9						
95	39.8	161	17.3	43.6	166	16.0	52.7	175	12.7						
100	35.2	154	16.0	39.4	160	14.8	49.1	171	11.6						
102										57.0	175	7.3			
105	29.9	146	14.8	34.8	153	13.7	45.3	166	10.7	55.8	173	7.0			
110	23.6	136	13.6	29.5	145	12.6	41.3	161	9.8	52.4	170	6.4			
115				23.0	134	11.7	36.8	154	9.1	48.8	165	5.8			
120							31.8	147	8.3	45.0	160	5.2			
125							26.0	137	7.7	40.9	155	4.7			
130							18.3	124	7.0	36.4	148	4.2			
135										31.3	140	3.8			
140										25.3	131	3.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 115 ft luffing jib 84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	61.8												
40	76.8	207	57.4												
45	74.3	206	49.4												
48				75.0	206	42.1									
50	71.6	204	43.2	74.1	205	40.1									
55	69.0	202	37.9	71.4	204	35.4									
60	66.2	200	33.4	69.4	202	31.3									
65	64.1	198	29.9	66.7	200	27.9									
70	61.3	195	26.9	63.9	198	25.0									
75	58.4	192	24.3	61.1	195	22.6									
75							67.0	198	17.5						
80	55.3	189	22.1	58.1	192	20.6	65.1	196	16.3						
85	52.2	185	20.2	55.1	188	18.8	62.3	194	14.8						
90	48.9	181	18.6	52.0	184	17.2	59.4	191	13.5						
95	45.5	176	17.1	48.7	180	15.8	56.4	187	12.4						
100	41.8	171	15.8	45.2	175	14.6	53.3	184	11.3						
105	37.8	164	14.6	41.5	170	13.4	50.1	180	10.4						
107										57.0	183	6.1			
110	33.4	157	13.5	37.5	163	12.4	46.7	175	9.5	56.1	182	5.9			
115	28.4	148	12.5	33.0	156	11.5	43.1	170	8.8	53.0	178	5.3			
120	22.3	137	11.6	27.9	147	10.6	39.2	164	8.1	49.8	174	4.8			
125				21.7	136	9.8	35.0	157	7.4	46.4	169	4.3			
130							30.2	149	6.8	42.7	164	3.8			
135							24.6	139	6.2	38.8	158	3.4			
140							17.2	125	5.7	34.5	151	3.0			
145										29.7	143	2.6			
150										24.0	132	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	57.0												
40	77.9	217	56.6												
45	75.5	216	48.8												
50	73.1	214	42.6												
51				75.0	215	38.8									
55	70.7	213	37.7	72.9	214	35.0									
60	68.2	211	33.3	71.1	213	31.1									
65	66.3	209	29.8	68.6	211	27.7									
70	63.8	207	26.7	66.1	208	24.9									
75	61.1	204	24.2	63.6	206	22.4									
79							67.0	207	16.2						
80	58.5	201	22.0	60.9	203	20.4	67.0	207	16.0						
85	55.7	198	20.1	58.2	200	18.6	64.7	205	14.6						
90	52.8	194	18.4	55.5	197	17.0	62.1	202	13.3						
95	49.8	190	16.9	52.6	193	15.6	59.4	199	12.1						
100	46.7	185	15.6	49.6	189	14.4	56.7	196	11.1						
105	43.4	180	14.4	46.5	184	13.3	53.8	192	10.2						
110	39.9	174	13.4	43.1	179	12.3	50.9	188	9.3						
113										57.0	191	5.1			
115	36.0	167	12.4	39.6	173	11.4	47.8	184	8.6	56.4	190	5.0			
120	31.8	160	11.5	35.7	166	10.5	44.6	179	7.9	53.5	187	4.4			
125	27.0	150	10.7	31.5	159	9.7	41.1	173	7.2	50.6	183	3.9			
130	21.1	139	9.9	26.6	149	9.0	37.4	167	6.6	47.5	178	3.5			
135				20.6	137	8.3	33.4	160	6.1	44.2	173	3.1			
140							28.8	151	5.6	40.8	167	2.7			
145							23.3	140	5.1	37.0	161	2.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	52.6												
45	76.6	226	48.0												
50	74.4	225	41.9												
53				75.0	225	35.7									
55	72.2	223	37.0	74.2	224	34.3									
60	70.4	222	33.0	72.5	223	30.7									
65	68.1	220	29.5	70.3	221	27.4									
70	65.8	218	26.5	68.0	219	24.6									
75	63.4	215	23.9	65.6	217	22.2									
80	61.0	212	21.7	63.3	215	20.1									
83							67.0	216	14.5						
85	58.5	209	19.8	60.8	212	18.3	66.6	216	14.2						
90	56.0	206	18.2	58.3	209	16.7	64.3	213	12.9						
95	53.3	202	16.7	55.8	205	15.4	61.9	211	11.8						
100	50.6	198	15.4	53.1	202	14.1	59.4	208	10.8						
105	47.7	194	14.2	50.4	198	13.0	56.9	204	9.8						
110	44.7	189	13.1	47.5	193	12.0	54.3	201	9.0						
115	41.6	183	12.2	44.5	188	11.1	51.6	197	8.3						
118										57.0	199	4.0			
120	38.2	177	11.3	41.3	183	10.3	48.7	193	7.6	56.6	199	3.9			
125	34.5	170	10.5	37.9	176	9.5	45.8	188	6.9	54.0	195	3.4			
130	30.4	162	9.7	34.2	169	8.8	42.7	183	6.3	51.3	191	3.0			
135	25.8	152	9.0	30.1	161	8.2	39.4	177	5.8	48.5	187	2.6			
140	20.1	140	8.4	25.4	151	7.5	35.8	170	5.3						
145				19.6	138	6.9	31.9	162	4.8						
150							27.5	153	4.4						
155							22.2	142	3.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	48.7												
45	77.5	236	47.1												
50	75.5	235	41.2												
55	73.4	234	36.4												
56				75.0	234	32.2									
60	71.8	232	32.6	73.8	233	30.0									
65	69.7	230	29.3	71.7	232	26.9									
70	67.6	228	26.2	69.6	230	24.3									
75	65.4	226	23.7	67.4	228	21.9									
80	63.2	224	21.5	65.2	226	19.8									
85	60.9	221	19.6	63.0	223	18.0									
87							67.0	225	12.9						
90	58.6	218	17.9	60.7	220	16.4	66.2	224	12.5						
95	56.2	215	16.4	58.4	217	15.1	64.0	222	11.4						
100	53.8	211	15.1	56.0	214	13.8	61.7	219	10.4						
105	51.2	207	13.9	53.6	210	12.7	59.4	216	9.5						
110	48.6	203	12.9	51.0	206	11.7	57.1	213	8.7						
115	45.9	198	11.9	48.4	202	10.8	54.6	209	7.9						
120	43.0	193	11.0	45.6	197	10.0	52.1	206	7.2						
124										57.0	208	2.9			
125	39.9	187	10.2	42.8	192	9.3	49.5	201	6.6	56.8	207	2.9			
130	36.7	180	9.5	39.7	186	8.6	46.8	197	6.0	54.4	204	2.4			
135	33.1	173	8.8	36.4	179	7.9	44.0	192	5.5						
140	29.2	164	8.2	32.8	172	7.3	41.0	186	5.0						
145	24.7	154	7.6	28.9	163	6.7	37.8	180	4.5						
150	19.2	141	7.0	24.3	153	6.2	34.4	173	4.1						
155				18.7	139	5.7	30.6	165	3.7						
160							26.3	155	3.3						
165							21.2	143	2.9						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 154 ft luffing jib 84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	45.3												
50	76.4	245	40.6												
55	74.5	244	35.8												
58				75.0	244	29.8									
60	73.0	243	32.1	74.8	244	29.5									
65	71.1	241	28.8	72.9	242	26.5									
70	69.1	239	26.0	70.9	240	23.9									
75	67.1	237	23.5	68.9	238	21.6									
80	65.0	235	21.3	66.9	236	19.6									
85	62.9	232	19.4	64.9	234	17.8									
90	60.8	229	17.7	62.8	231	16.2									
91							67.0	234	11.6						
95	58.6	226	16.2	60.7	229	14.8	65.7	233	11.0						
100	56.4	223	14.9	58.5	226	13.6	63.7	230	10.0						
105	54.1	220	13.7	56.3	222	12.5	61.6	228	9.1						
110	51.8	216	12.7	54.0	219	11.5	59.4	225	8.3						
115	49.4	211	11.7	51.6	215	10.6	57.2	221	7.5						
120	46.8	207	10.8	49.2	211	9.8	54.9	218	6.9						
125	44.2	202	10.0	46.6	206	9.0	52.6	214	6.2						
130	41.4	196	9.3	44.0	201	8.4	50.2	210	5.7						
135	38.5	190	8.6	41.2	195	7.7	47.7	206	5.2						
140	35.3	183	8.0	38.2	189	7.1	45.1	201	4.7						
145	31.9	175	7.4	35.1	182	6.6	42.4	195	4.2						
150	28.1	166	6.8	31.6	174	6.0	39.5	189	3.8						
155	23.7	156	6.3	27.8	165	5.6	36.4	183	3.4						
160	18.3	142	5.8	23.3	154	5.1	33.1	175	3.0						
165							29.5	167	2.6						
170							25.3	157	2.3						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 84  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom                      164 ft luffing jib                      84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	42.1												
50	77.3	255	39.9												
55	75.5	254	35.2												
60	74.1	253	31.5												
61				75.0	253	27.6									
65	72.2	251	28.2	73.9	252	25.9									
70	70.4	250	25.5	72.1	251	23.3									
75	68.5	248	23.1	70.3	249	21.1									
80	66.6	246	21.0	68.4	247	19.1									
85	64.7	243	19.1	66.5	245	17.5									
90	62.7	241	17.4	64.5	243	15.9									
95							67.0	243	10.4						
95	60.7	238	16.0	62.6	240	14.6	67.0	243	10.3						
100	58.7	235	14.6	60.6	237	13.3	65.4	241	9.4						
105	56.6	232	13.5	58.5	234	12.2	63.4	239	8.5						
110	54.5	228	12.4	56.5	231	11.2	61.4	236	7.8						
115	52.3	224	11.5	54.3	227	10.3	59.4	233	7.0						
120	50.0	220	10.6	52.1	223	9.5	57.3	230	6.4						
125	47.7	216	9.8	49.8	219	8.8	55.2	227	5.7						
130	45.2	211	9.1	47.5	215	8.1	53.1	223	5.2						
135	42.7	205	8.4	45.0	210	7.4	50.8	219	4.7						
140	40.0	200	7.7	42.5	205	6.8	48.5	214	4.2						
145	37.1	193	7.2	39.8	199	6.3	46.1	210	3.7						
150	34.1	186	6.6	36.9	192	5.8	43.6	205	3.3						
155	30.8	178	6.1	33.8	185	5.3	40.9	199	2.9						
160	27.1	168	5.6	30.5	177	4.8	38.2	193	2.5						
165	22.8	157	5.1	26.7	167	4.4									
170	17.5	143	4.7	22.4	156	4.0									



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 174 ft luffing jib 84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	39.1												
55	76.3	264	34.5												
60	75.0	263	30.9												
64				75.0	263	25.4									
65	73.3	262	27.6	74.9	263	25.2									
70	71.6	260	24.9	73.2	261	22.7									
75	69.8	258	22.6	71.4	259	20.5									
80	68.0	256	20.5	69.7	258	18.6									
85	66.2	254	18.7	67.9	256	16.9									
90	64.4	252	17.2	66.1	253	15.4									
95	62.5	249	15.7	64.3	251	14.1									
98							67.0	252	8.9						
100	60.7	246	14.4	62.4	248	12.9	66.9	252	8.9						
105	58.7	243	13.2	60.5	246	11.9	65.0	250	8.0						
110	56.8	240	12.1	58.6	243	10.9	63.2	247	7.2						
115	54.8	237	11.2	56.6	239	10.0	61.3	245	6.5						
120	52.7	233	10.3	54.6	236	9.2	59.4	242	5.8						
125	50.6	229	9.5	52.5	232	8.5	57.5	238	5.2						
130	48.4	224	8.8	50.4	228	7.8	55.5	235	4.7						
135	46.1	220	8.1	48.2	224	7.1	53.4	231	4.2						
140	43.8	214	7.5	45.9	219	6.6	51.3	227	3.7						
145	41.3	209	6.9	43.6	214	6.0	49.2	223	3.2						
150	38.7	203	6.4	41.1	208	5.5	46.9	219	2.8						
155	35.9	196	5.8	38.5	202	5.0	44.6	214	2.4						
160	33.0	189	5.4	35.7	195	4.6									
165	29.7	180	4.9	32.7	188	4.2									
170	26.1	170	4.5	29.5	179	3.8									
175	22.0	159	4.1	25.8	169	3.4									
180	16.8	144	3.7	21.6	157	3.0									

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	36.5												
55	77.1	274	34.0												
60	75.8	273	30.4												
65	74.2	272	27.2												
66				75.0	272	23.6									
70	72.6	270	24.5	74.1	271	22.2									
75	70.9	269	22.1	72.5	270	20.0									
80	69.3	267	20.1	70.8	268	18.2									
85	67.6	265	18.3	69.1	266	16.5									
90	65.9	263	16.7	67.4	264	15.0									
95	64.1	260	15.3	65.7	262	13.7									
100	62.4	258	14.1	64.0	260	12.5									
102							67.0	261	7.9						
105	60.6	255	12.9	62.2	257	11.5	66.5	261	7.6						
110	58.8	252	11.9	60.5	254	10.5	64.7	258	6.8						
115	56.9	249	10.9	58.6	251	9.6	63.0	256	6.1						
120	55.0	245	10.1	56.8	248	8.8	61.2	253	5.5						
125	53.1	241	9.3	54.9	244	8.1	59.4	250	4.9						
130	51.1	237	8.5	52.9	241	7.4	57.6	247	4.3						
135	49.0	233	7.9	50.9	237	6.8	55.7	244	3.8						
140	46.9	228	7.3	48.9	232	6.2	53.8	240	3.3						
145	44.7	224	6.7	46.8	228	5.7	51.8	236	2.9						
150	42.4	218	6.1	44.5	223	5.2	49.8	232	2.5						
155	40.0	212	5.6	42.2	217	4.7									
160	37.5	206	5.1	39.8	211	4.2									
165	34.8	199	4.7	37.3	205	3.8									
170	31.9	191	4.3	34.6	198	3.4									
175	28.8	182	3.9	31.7	190	3.1									
180	25.3	172	3.5	28.5	181	2.7									
185	21.2	160	3.1	25.0	171	2.4									
190	16.2	145	2.8												

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	34.0												
55	77.7	284	33.3												
60	76.6	284	29.7												
65	75.0	282	26.6												
69				75.0	282	21.8									
70	73.5	281	23.9	74.9	282	21.6									
75	71.9	279	21.6	73.4	280	19.5									
80	70.4	277	19.6	71.8	279	17.6									
85	68.8	275	17.8	70.2	277	16.0									
90	67.2	273	16.2	68.7	275	14.5									
95	65.6	271	14.9	67.1	273	13.2									
100	63.9	269	13.6	65.4	270	12.0									
105	62.2	266	12.5	63.8	268	11.0									
106							67.0	270	6.7						
110	60.5	263	11.5	62.1	265	10.0	66.1	269	6.3						
115	58.8	260	10.5	60.4	263	9.2	64.5	267	5.6						
120	57.1	257	9.7	58.7	260	8.4	62.8	264	4.9						
125	55.3	254	8.9	56.9	256	7.6	61.1	261	4.3						
130	53.4	250	8.2	55.1	253	7.0	59.4	259	3.8						
135	51.5	246	7.5	53.3	249	6.3	57.7	255	3.3						
140	49.6	242	6.9	51.4	245	5.8	55.9	252	2.8						
145	47.6	237	6.3	49.5	241	5.2	54.1	248	2.4						
150	45.6	232	5.8	47.5	237	4.7									
155	43.4	227	5.3	45.4	232	4.3									
160	41.2	222	4.8	43.3	226	3.8									
165	38.9	216	4.3	41.0	221	3.4									
170	36.4	209	3.9	38.7	215	3.0									
175	33.8	202	3.5	36.2	208	2.6									
180	31.0	194	3.2	33.6	201	2.3									
185	27.9	184	2.8												
190	24.5	174	2.5												

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	26.0												
70	74.3	291	23.3												
71				75.0	291	20.0									
75	72.8	290	21.0	74.2	290	18.9									
80	71.4	288	19.0	72.7	289	17.1									
85	69.9	286	17.3	71.2	287	15.4									
90	68.3	284	15.7	69.7	285	14.0									
95	66.8	282	14.4	68.2	283	12.7									
100	65.3	280	13.1	66.7	281	11.5									
105	63.7	277	12.0	65.1	279	10.5									
110	62.1	275	11.0	63.6	277	9.5	67.0	279	5.6						
115	60.5	272	10.1	62.0	274	8.7	65.8	278	5.1						
120	58.8	269	9.2	60.4	271	7.9	64.2	275	4.4						
125	57.2	266	8.4	58.7	268	7.2	62.7	273	3.8						
130	55.5	262	7.7	57.0	265	6.5	61.1	270	3.3						
135	53.7	259	7.0	55.3	261	5.9	59.4	267	2.8						
140	51.9	255	6.4	53.6	258	5.3	57.8	264	2.3						
145	50.1	251	5.9	51.8	254	4.8									
150	48.2	246	5.3	50.0	250	4.3									
155	46.3	241	4.8	48.1	245	3.8									
160	44.3	236	4.4	46.2	241	3.4									
165	42.2	231	3.9	44.1	235	3.0									
170	40.1	225	3.5	42.1	230	2.6									
175	37.8	219	3.1	39.9	224	2.2									
180	35.4	212	2.7												
185	32.8	204	2.4												

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	95.6												
30	76.4	169	88.0												
35	71.8	167	72.0												
37				75.0	168	63.1									
40	67.1	165	60.7	71.9	167	56.4									
45	62.2	163	51.3	67.2	165	48.0									
50	57.0	159	44.2	62.3	162	41.3									
55	51.5	156	38.6	57.1	159	36.1									
59							67.0	162	25.9						
60	45.5	151	34.2	53.0	156	32.0	66.9	162	25.8						
65	40.4	146	30.6	47.1	152	28.6	61.9	159	23.0						
70	32.7	139	27.5	40.6	146	25.7	56.8	156	20.7						
75	22.6	129	24.9	32.9	139	23.2	51.2	152	18.6						
80				23.0	129	21.0	45.2	148	16.9						
85										57.0	150	10.5			
85							38.4	142	15.4	57.0	150	10.3			
90							30.2	134	14.0	52.5	147	9.5			
95							18.9	122	12.7	46.6	143	8.6			
100										40.0	137	7.8			
105										32.2	130	7.1			
110										22.0	119	6.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	85.7												
35	74.3	178	70.9												
39				75.0	177	56.9									
40	70.2	176	59.8	74.4	177	55.5									
45	66.1	174	51.2	70.3	175	47.7									
50	61.8	171	44.1	66.2	173	41.1									
55	57.3	168	38.5	61.9	171	35.9									
60	52.6	164	34.1	58.5	168	31.8									
63							67.0	171	23.3						
65	48.7	161	30.6	53.8	165	28.4	65.9	170	22.7						
70	43.3	156	27.5	48.9	161	25.6	61.6	168	20.3						
75	37.2	150	24.9	43.5	155	23.2	57.1	165	18.4						
80	30.1	142	22.7	37.4	149	21.1	52.4	161	16.7						
85	20.6	130	20.7	30.3	141	19.2	47.3	156	15.2						
90				20.9	130	17.5	41.7	151	13.9						
90										57.0	159	8.9			
95										53.5	156	8.3			
100							35.4	144	12.7	48.5	152	7.5			
105							27.8	136	11.6	43.0	147	6.8			
110										36.9	140	6.2			
115										29.6	132	5.6			
120										20.0	120	5.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	77.4												
35	76.1	188	69.8												
40	72.6	186	58.9												
42				75.0	187	51.6									
45	69.0	184	50.7	72.7	186	46.9									
50	65.3	182	43.9	69.1	184	40.8									
55	61.5	180	38.3	65.4	182	35.6									
60	57.6	176	33.9	62.5	180	31.6									
65	54.4	174	30.4	58.6	177	28.2									
66							67.0	180	21.1						
70	50.1	170	27.4	54.5	173	25.4	65.2	179	20.0						
75	45.4	165	24.8	50.2	169	23.0	61.4	176	18.0						
80	40.4	159	22.6	45.6	165	20.9	57.4	173	16.3						
85	34.7	152	20.7	40.5	159	19.1	53.2	170	14.9						
90	27.9	144	18.9	34.8	152	17.5	48.8	165	13.6						
95	18.9	131	17.4	28.1	143	16.1	44.1	160	12.4						
95										57.0	167	7.6			
100							38.9	154	11.4	54.2	165	7.2			
105							32.9	147	10.5	49.8	160	6.5			
110							25.7	138	9.6	45.2	156	5.9			
115										40.1	150	5.3			
120										34.3	143	4.8			
125										27.5	134	4.2			
130										18.3	121	3.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      95 ft luffing jib                      94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	70.6												
35	77.6	198	68.9												
40	74.5	197	58.1												
44				75.0	196	47.2									
45	71.3	195	50.1	74.6	196	46.3									
50	68.1	193	43.8	71.4	195	40.5									
55	64.7	191	38.2	68.1	193	35.5									
60	61.3	188	33.8	65.6	191	31.5									
65	58.6	186	30.3	62.2	188	28.1									
70	55.0	182	27.3	58.7	185	25.2									
70							67.0	189	19.2						
75	51.1	178	24.7	55.1	182	22.8	64.6	188	17.8						
80	47.1	174	22.5	51.2	178	20.8	61.2	185	16.2						
85	42.7	169	20.6	47.2	173	19.0	57.6	182	14.7						
90	37.9	162	18.9	42.8	168	17.4	53.9	178	13.4						
95	32.5	155	17.4	38.0	162	16.0	50.0	174	12.3						
100	26.1	146	16.1	32.7	155	14.8	45.9	169	11.3						
101										57.0	175	6.6			
105				26.3	145	13.6	41.4	164	10.4	54.8	173	6.2			
110							36.5	157	9.5	50.9	169	5.6			
115							30.9	149	8.7	46.8	165	5.0			
120							24.0	139	8.0	42.5	159	4.5			
125										37.6	153	4.1			
130										32.2	146	3.6			
135										25.7	136	3.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 105 ft luffing jib 94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	64.5												
40	76.0	207	57.2												
45	73.1	205	49.3												
47				75.0	206	43.2									
50	70.2	204	43.1	73.2	205	39.7									
55	67.3	202	38.0	70.3	203	35.1									
60	64.3	199	33.6	68.0	202	31.2									
65	61.9	197	30.1	65.0	199	27.8									
70	58.7	194	27.1	62.0	197	25.0									
74							67.0	198	17.7						
75	55.4	191	24.5	58.8	194	22.6	67.0	198	17.4						
80	52.0	187	22.3	55.5	190	20.5	64.1	196	15.8						
85	48.3	183	20.4	52.1	187	18.8	61.0	193	14.4						
90	44.5	178	18.7	48.4	182	17.2	57.8	190	13.1						
95	40.4	172	17.3	44.6	177	15.8	54.5	187	12.0						
100	35.8	165	15.9	40.5	172	14.6	51.0	183	11.0						
105	30.7	157	14.7	35.9	165	13.5	47.3	178	10.1						
106										57.0	183	5.3			
110	24.6	147	13.6	30.8	157	12.4	43.4	173	9.2	55.2	182	5.0			
115				24.7	147	11.5	39.2	167	8.5	51.8	178	4.5			
120							34.5	160	7.8	48.1	173	4.0			
125							29.1	152	7.2	44.3	168	3.5			
130							22.6	141	6.5	40.1	163	3.1			
135										35.6	156	2.7			
140										30.4	148	2.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      115 ft luffing jib                      94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	59.2												
40	77.2	217	56.3												
45	74.6	216	48.5												
49				75.0	215	39.6									
50	72.0	214	42.4	74.7	215	38.9									
55	69.3	212	37.5	72.1	214	34.4									
60	66.6	210	33.3	70.0	212	30.9									
65	64.5	208	29.9	67.3	210	27.5									
70	61.7	206	26.8	64.6	208	24.7									
75	58.8	203	24.3	61.7	205	22.3									
78							67.0	207	15.7						
80	55.8	199	22.1	58.8	202	20.3	66.5	207	15.4						
85	52.6	196	20.2	55.8	199	18.5	63.7	204	14.0						
90	49.4	191	18.5	52.7	195	16.9	60.9	202	12.7						
95	46.0	187	17.0	49.5	191	15.6	57.9	199	11.6						
100	42.3	181	15.7	46.0	186	14.3	54.9	195	10.6						
105	38.4	175	14.5	42.4	181	13.2	51.8	191	9.7						
110	34.0	168	13.5	38.5	175	12.2	48.5	187	8.9						
112										57.0	192	4.1			
115	29.1	160	12.5	34.1	168	11.3	45.0	182	8.2	55.6	190	3.9			
120	23.2	149	11.6	29.2	159	10.5	41.2	177	7.5	52.5	186	3.4			
125				23.4	149	9.7	37.2	170	6.9	49.2	182	3.0			
130							32.7	163	6.3	45.8	177	2.6			
135							27.6	154	5.8	42.1	172	2.2			
140							21.3	142	5.2						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	54.7												
45	75.9	226	47.8												
50	73.5	225	41.8												
52				75.0	225	36.5									
55	71.0	223	37.0	73.5	224	33.9									
60	68.6	221	33.1	71.7	223	30.4									
65	66.7	219	29.7	69.2	221	27.3									
70	64.1	217	26.7	66.7	219	24.5									
75	61.5	214	24.1	64.2	216	22.1									
80	58.8	211	21.9	61.6	214	20.1									
82							67.0	216	14.2						
85	56.1	208	20.0	58.9	211	18.3	66.0	215	13.7						
90	53.2	204	18.4	56.1	207	16.8	63.4	213	12.5						
95	50.2	200	16.9	53.3	204	15.4	60.8	210	11.4						
100	47.1	196	15.6	50.3	200	14.2	58.1	207	10.4						
105	43.9	190	14.4	47.2	195	13.1	55.3	204	9.5						
110	40.4	185	13.3	43.9	190	12.1	52.4	200	8.7						
115	36.6	178	12.4	40.5	184	11.2	49.4	196	8.0						
117															
120	32.4	171	11.5	36.7	178	10.3	46.2	191	7.3	57.0	200	3.3			
125	27.7	162	10.6	32.5	170	9.6	42.9	186	6.7	55.9	199	3.1			
130	22.0	150	9.9	27.8	161	8.9	39.3	180	6.1	53.1	195	2.7			
135				22.2	150	8.2	35.5	173	5.6	50.1	191	2.3			
140							31.2	165	5.1						
145							26.2	156	4.6						
150							20.2	143	4.2						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      135 ft luffing jib                      94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	50.5												
45	76.9	236	47.0												
50	74.7	235	41.1												
55				75.0	234	33.6									
55	72.5	233	36.4	74.8	234	33.2									
60	70.8	232	32.6	73.1	233	29.7									
65	68.5	230	29.3	70.8	231	26.7									
70	66.1	228	26.4	68.5	229	24.1									
75	63.8	225	23.9	66.2	227	21.8									
80	61.4	223	21.7	63.8	225	19.8									
85	58.9	220	19.8	61.4	222	18.0									
86							67.0	225	12.6						
90	56.3	216	18.1	58.9	219	16.5	65.5	224	11.9						
95	53.7	213	16.6	56.4	216	15.1	63.1	221	10.8						
100	51.0	209	15.3	53.8	212	13.9	60.7	219	9.9						
105	48.1	204	14.2	51.0	208	12.8	58.2	216	9.0						
110	45.2	199	13.1	48.2	204	11.8	55.6	212	8.2						
115	42.0	194	12.1	45.2	199	10.9	52.9	209	7.5						
120	38.7	188	11.3	42.1	194	10.1	50.2	204	6.9						
122										57.0	208	2.2			
125	35.0	181	10.4	38.7	188	9.3	47.3	200	6.3						
130	31.0	173	9.7	35.1	181	8.6	44.3	195	5.8						
135	26.5	164	9.0	31.1	173	8.0	41.1	189	5.2						
140	21.0	152	8.3	26.6	163	7.4	37.7	183	4.8						
145				21.1	152	6.8	34.0	176	4.3						
150							29.8	168	3.9						
155							25.0	157	3.5						
160							19.1	145	3.1						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	46.8												
45	77.8	246	46.2												
50	75.8	245	40.4												
55	73.7	244	35.7												
57				75.0	244	30.3									
60	72.1	242	32.0	74.3	243	29.1									
65	70.0	241	28.7	72.2	242	26.1									
70	67.9	239	26.0	70.1	240	23.5									
75	65.7	236	23.6	67.9	238	21.3									
80	63.5	234	21.4	65.8	236	19.4									
85	61.2	231	19.5	63.5	233	17.7									
89							67.0	235	11.3						
90	58.9	228	17.8	61.3	231	16.2	67.0	235	11.2						
95	56.5	225	16.4	59.0	228	14.8	65.1	233	10.3						
100	54.1	221	15.1	56.6	224	13.6	62.9	230	9.3						
105	51.6	217	13.9	54.2	221	12.5	60.6	227	8.5						
110	49.0	213	12.8	51.7	217	11.5	58.3	224	7.7						
115	46.2	208	11.9	49.0	213	10.6	55.9	221	7.0						
120	43.4	203	11.0	46.3	208	9.8	53.4	217	6.4						
125	40.4	197	10.2	43.5	203	9.1	50.9	213	5.8						
130	37.1	191	9.5	40.4	197	8.4	48.2	209	5.3						
135	33.6	184	8.8	37.2	191	7.7	45.5	204	4.8						
140	29.8	175	8.1	33.7	183	7.2	42.6	199	4.3						
145	25.3	165	7.5	29.9	175	6.6	39.5	193	3.9						
150	20.0	153	7.0	25.5	165	6.1	36.2	186	3.4						
155				20.2	153	5.6	32.6	178	3.1						
160							28.6	170	2.7						
165							24.0	159	2.4						

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	43.5												
50	76.7	255	39.8												
55	74.8	254	35.1												
60				75.0	254	28.7									
60	73.3	253	31.5	75.0	254	28.1									
65	71.3	251	28.3	73.3	252	25.6									
70	69.4	249	25.5	71.4	251	23.1									
75	67.3	247	23.2	69.4	249	20.9									
80	65.3	245	21.2	67.4	247	19.0									
85	63.2	242	19.3	65.4	244	17.4									
90	61.1	240	17.6	63.3	242	15.9									
93							67.0	244	10.0						
95	58.9	237	16.2	61.2	239	14.6	66.8	243	9.8						
100	56.7	233	14.9	59.0	236	13.4	64.7	241	8.9						
105	54.5	230	13.7	56.8	233	12.3	62.6	238	8.1						
110	52.1	226	12.6	54.5	229	11.3	60.5	236	7.3						
115	49.7	222	11.7	52.2	226	10.4	58.3	233	6.6						
120	47.2	217	10.8	49.8	221	9.6	56.1	229	6.0						
125	44.6	212	10.0	47.2	217	8.9	53.8	226	5.4						
130	41.8	207	9.3	44.6	212	8.2	51.5	222	4.9						
135	38.9	201	8.6	41.9	206	7.5	49.0	217	4.4						
140	35.8	194	8.0	39.0	200	7.0	46.5	213	3.9						
145	32.4	186	7.4	35.8	194	6.4	43.8	208	3.5						
150	28.6	178	6.8	32.5	186	5.9	41.0	202	3.1						
155	24.3	167	6.3	28.7	177	5.4	38.0	196	2.7						
160	19.1	154	5.8	24.5	167	4.9	34.8	189	2.4						
165				19.3	154	4.5									

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>94 ft main boom                      164 ft luffing jib                      94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	40.5												
50	77.5	265	39.1												
55	75.7	264	34.5												
60	74.3	263	30.9												
62				75.0	263	25.9									
65	72.5	261	27.7	74.4	263	25.0									
70	70.7	260	25.0	72.5	261	22.5									
75	68.8	258	22.7	70.7	259	20.3									
80	66.9	256	20.6	68.8	257	18.5									
85	65.0	253	18.9	66.9	255	16.8									
90	63.0	251	17.3	65.0	253	15.4									
95	61.0	248	15.9	63.1	250	14.1									
97							67.0	253	8.7						
100	59.0	245	14.6	61.1	248	12.9	66.4	252	8.4						
105	56.9	242	13.4	59.0	245	11.9	64.4	250	7.5						
110	54.8	238	12.4	57.0	241	10.9	62.5	247	6.8						
115	52.6	235	11.4	54.8	238	10.1	60.5	244	6.1						
120	50.3	230	10.5	52.6	234	9.3	58.4	241	5.5						
125	48.0	226	9.7	50.4	230	8.5	56.3	238	4.9						
130	45.6	221	9.0	48.1	226	7.9	54.2	234	4.4						
135	43.0	216	8.3	45.6	221	7.3	52.0	230	3.9						
140	40.4	210	7.7	43.1	216	6.7	49.7	226	3.4						
145	37.5	204	7.1	40.4	210	6.1	47.3	222	3.0						
150	34.5	197	6.6	37.6	204	5.6	44.9	217	2.6						
155	31.2	189	6.1	34.6	196	5.2	42.3	211	2.3						
160	27.6	180	5.6	31.3	189	4.7									
165	23.4	169	5.1	27.7	179	4.3									
170	18.3	155	4.7	23.5	169	3.9									
175				18.5	155	3.5									

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point:** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      174 ft luffing jib                      94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	37.6												
55	76.5	274	33.8												
60	75.2	273	30.2												
65				75.0	273	24.4									
65	73.5	272	27.1	75.0	273	23.9									
70	71.8	270	24.4	73.6	271	21.9									
75	70.0	268	22.1	71.8	270	19.7									
80	68.3	266	20.1	70.1	268	17.9									
85	66.5	264	18.3	68.3	266	16.3									
90	64.7	262	16.8	66.5	264	14.8									
95	62.8	259	15.4	64.7	261	13.6									
100	60.9	257	14.2	62.9	259	12.4									
101							67.0	262	7.4						
105	59.0	254	13.0	61.0	256	11.4	66.0	260	7.0						
110	57.1	250	12.0	59.1	253	10.4	64.1	258	6.2						
115	55.0	247	11.1	57.1	250	9.6	62.3	255	5.6						
120	53.0	243	10.2	55.1	246	8.8	60.4	253	5.0						
125	50.9	239	9.5	53.0	243	8.1	58.5	250	4.4						
130	48.7	235	8.7	50.9	239	7.4	56.5	246	3.9						
135	46.4	230	8.1	48.8	234	6.8	54.5	243	3.4						
140	44.1	225	7.4	46.5	230	6.2	52.4	239	2.9						
145	41.6	220	6.9	44.2	225	5.7	50.3	235	2.5						
150	39.1	213	6.3	41.7	219	5.2									
155	36.3	207	5.8	39.1	213	4.7									
160	33.4	199	5.3	36.4	207	4.3									
165	30.2	191	4.9	33.5	199	3.9									
170	26.6	182	4.4	30.3	191	3.5									
175	22.6	170	4.0	26.7	181	3.1									
180	17.6	156	3.6	22.7	170	2.8									
185				17.8	156	2.4									



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	35.1												
55	77.3	284	33.2												
60	76.1	283	29.7												
65	74.4	282	26.6												
67				75.0	282	22.2									
70	72.8	280	23.9	74.5	282	21.4									
75	71.2	279	21.7	72.8	280	19.3									
80	69.5	277	19.7	71.2	278	17.5									
85	67.8	275	17.9	69.5	276	15.8									
90	66.1	273	16.4	67.9	274	14.4									
95	64.4	270	15.0	66.2	272	13.1									
100	62.6	268	13.8	64.4	270	12.0									
105							67.0	271	6.5						
105	60.8	265	12.6	62.7	267	11.0	67.0	271	6.4						
110	59.0	262	11.6	60.9	265	10.0	65.6	269	5.8						
115	57.2	259	10.7	59.1	262	9.2	63.9	267	5.2						
120	55.3	255	9.9	57.2	258	8.4	62.1	264	4.6						
125	53.4	252	9.1	55.3	255	7.7	60.3	261	4.0						
130	51.4	248	8.4	53.4	251	7.0	58.5	258	3.5						
135	49.3	244	7.7	51.4	247	6.4	56.7	255	3.0						
140	47.2	239	7.1	49.4	243	5.9	54.8	251	2.6						
145	45.0	234	6.5	47.3	239	5.3									
150	42.7	229	6.0	45.1	234	4.8									
155	40.4	223	5.5	42.8	228	4.4									
160	37.9	217	5.0	40.4	223	3.9									
165	35.2	210	4.6	37.9	216	3.5									
170	32.3	202	4.2	35.3	209	3.2									
175	29.2	193	3.8	32.4	202	2.8									
180	25.8	184	3.4	29.3	193	2.4									
185	21.8	172	3.1												
190	16.9	157	2.7												

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      194 ft luffing jib                      94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	32.7												
55	78.0	295	32.0												
60	76.8	294	29.1												
65	75.2	292	26.0												
70				75.0	292	20.8									
70	73.7	291	23.4	75.0	292	20.4									
75	72.2	289	21.1	73.7	290	18.7									
80	70.6	287	19.1	72.2	289	16.9									
85	69.0	286	17.4	70.6	287	15.3									
90	67.4	283	15.9	69.0	285	13.9									
95	65.8	281	14.5	67.4	283	12.6									
100	64.1	279	13.3	65.8	281	11.5									
105	62.5	276	12.2	64.2	278	10.5									
109							67.0	280	5.3						
110	60.8	273	11.2	62.5	276	9.5	66.9	280	5.3						
115	59.1	271	10.2	60.8	273	8.7	65.3	277	4.6						
120	57.3	267	9.4	59.1	270	7.9	63.7	275	4.0						
125	55.5	264	8.6	57.3	267	7.2	62.0	272	3.5						
130	53.7	260	7.9	55.6	264	6.6	60.3	270	3.0						
135	51.8	256	7.3	53.7	260	6.0	58.6	267	2.5						
140	49.9	252	6.7	51.9	256	5.4									
145	47.9	248	6.1	49.9	252	4.9									
150	45.8	243	5.6	47.9	247	4.4									
155	43.7	238	5.1	45.9	243	3.9									
160	41.5	232	4.6	43.8	237	3.5									
165	39.2	226	4.2	41.6	232	3.1									
170	36.8	220	3.8	39.3	226	2.7									
175	34.2	213	3.4	36.8	219	2.4									
180	31.4	205	3.0												
185	28.3	196	2.7												
190	25.0	185	2.3												

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>66 ft luffing jib</b> <b>104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	90.4												
30	77.0	179	86.0												
35	72.4	177	70.5												
38				75.0	178	58.7									
40	67.7	175	59.5	73.0	177	54.7									
45	62.8	173	51.2	68.3	175	47.1									
50	57.7	170	44.0	63.5	173	40.7									
55	52.3	166	38.5	58.4	170	35.6									
60	46.3	161	34.1	54.3	167	31.6									
61							67.0	172	23.2						
65	41.3	157	30.5	48.5	163	28.2	64.5	170	21.9						
70	33.8	150	27.5	42.2	157	25.4	59.4	167	19.6						
75	24.3	140	24.8	34.9	151	22.9	54.1	164	17.7						
80				25.7	141	20.8	48.3	160	16.1						
85							42.0	154	14.6						
89										57.0	159	8.3			
90							34.6	147	13.3	57.0	159	8.1			
95							25.3	138	12.1	51.5	156	7.4			
100										45.5	151	6.7			
105										38.8	145	6.0			
110										30.7	137	5.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	81.3												
35	74.8	188	69.4												
40	70.8	186	58.6												
40				75.0	187	53.1									
45	66.7	184	50.5	71.3	186	46.3									
50	62.4	181	43.9	67.2	184	40.5									
55	58.0	178	38.4	63.0	181	35.4									
60	53.3	175	34.0	59.6	179	31.4									
65	49.4	171	30.5	55.0	175	28.0									
65							67.0	181	20.9						
70	44.1	166	27.4	50.1	171	25.2	63.8	179	19.3						
75	38.1	160	24.8	44.8	167	22.8	59.4	176	17.4						
80	31.1	153	22.6	38.9	161	20.8	54.8	172	15.8						
85	22.2	142	20.6	32.1	153	19.0	49.9	168	14.4						
90				23.5	143	17.3	44.6	163	13.1						
94										57.0	168	6.8			
95							38.7	158	12.0	57.0	168	6.7			
100							31.9	150	11.0	52.6	164	6.1			
105										47.6	160	5.5			
110										42.0	154	5.0			
115										35.8	148	4.5			
120										28.2	139	4.0			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 85 ft luffing jib 104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	73.6												
35	76.6	198	68.2												
40	73.1	196	57.6												
43				75.0	197	48.2									
45	69.5	195	49.7	73.6	196	45.4									
50	65.9	192	43.5	70.0	194	39.7									
55	62.1	190	38.2	66.3	192	35.1									
60	58.1	187	33.8	63.5	190	31.1									
65	55.0	184	30.3	59.6	187	27.8									
69							67.0	190	19.3						
70	50.7	180	27.3	55.5	184	25.0	67.0	190	18.9						
75	46.1	175	24.7	51.3	180	22.6	63.3	187	17.1						
80	41.1	170	22.5	46.7	175	20.6	59.4	184	15.4						
85	35.5	163	20.6	41.8	170	18.8	55.4	181	14.0						
90	28.9	155	18.9	36.3	164	17.2	51.1	177	12.8						
95	20.4	143	17.3	29.8	155	15.8	46.5	172	11.7						
100										57.0	176	5.5			
100				21.7	144	14.5	41.6	167	10.7	57.0	176	5.5			
105							36.1	160	9.8	53.5	173	5.0			
110							29.6	152	9.0	49.1	169	4.4			
115										44.4	164	4.0			
120										39.2	158	3.5			
125										33.3	151	3.1			
130										26.2	141	2.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** 360 °  
**footprint:** extended track width  
**counterweight [1000 lbs]:** 0.0  
**carbody counterweight [1000 lbs]:** 0.0  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 104  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom                      95 ft luffing jib                      104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	67.3												
40	74.9	207	56.9												
45	71.7	205	49.1												
46				75.0	206	44.2									
50	68.5	203	43.0	72.1	205	39.2									
55	65.2	201	38.1	68.9	203	34.7									
60	61.8	198	33.7	66.4	201	31.0									
65	59.1	196	30.2	63.0	199	27.7									
70	55.5	193	27.2	59.6	196	24.9									
73							67.0	199	17.2						
75	51.7	189	24.6	56.0	193	22.5	66.3	198	16.8						
80	47.6	184	22.4	52.2	189	20.5	62.9	196	15.2						
85	43.3	179	20.5	48.2	184	18.7	59.4	193	13.9						
90	38.6	173	18.8	43.9	179	17.2	55.8	190	12.6						
95	33.3	166	17.4	39.2	173	15.8	52.0	186	11.5						
100	27.1	157	16.0	34.0	166	14.5	48.0	181	10.6						
105				27.9	158	13.4	43.7	176	9.7	57.0	184	4.5			
110				20.2	146	12.4	39.1	170	8.9	54.1	181	4.1			
115							33.8	163	8.2	50.3	177	3.6			
120							27.7	154	7.5	46.1	173	3.2			
125										41.7	167	2.8			
130										36.8	161	2.4			

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>360 °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>	<b>extended track width</b>	<b>main boom (s): 2220 [ft]:</b>	<b>104</b>
<b>counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>0.0</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>105</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	61.6												
40	76.4	217	56.0												
45	73.5	215	48.3												
48				75.0	216	40.4									
50	70.6	214	42.3	73.9	215	38.4									
55	67.7	212	37.5	71.0	213	34.0									
60	64.7	209	33.4	68.8	212	30.5									
65	62.3	207	30.0	65.8	210	27.4									
70	59.1	204	27.0	62.7	207	24.6									
75	55.9	201	24.4	59.6	204	22.2									
77							67.0	208	15.3						
80	52.4	197	22.2	56.3	201	20.2	65.7	207	14.7						
85	48.9	193	20.3	52.9	197	18.5	62.6	204	13.4						
90	45.0	188	18.7	49.3	193	16.9	59.4	201	12.2						
95	41.0	183	17.2	45.6	188	15.6	56.2	198	11.2						
100	36.5	176	15.9	41.5	183	14.3	52.8	194	10.2						
105	31.4	168	14.7	37.1	176	13.2	49.2	190	9.4						
110	25.5	159	13.6	32.1	169	12.2	45.4	185	8.6						
110										57.0	192	3.4			
115				26.3	159	11.3	41.4	180	7.9	54.7	190	3.1			
120				18.8	147	10.4	36.9	173	7.2	51.2	186	2.6			
125							31.9	166	6.6	47.5	182	2.3			
130							26.1	156	6.0						

**Load charts main boom + luffing jib****Load charts**

The LR1250 meets ANSI B30.5 requirements. (including SAE J987, SAE J 765)

The crane classification according ISO 4301/1 and /2 given by the manufacturer is A1 (Q1, U2). Please see also operating manual chapter 2.2.2 where the state of loading (Q1) and the class of utilization (U2) is explained.

All radii which are allowed show a rated capacity, other length and radii are not approved.

Load ratings are based on the freely suspended load.

All loads shown do not exceed 75% of the tipping load. Grey shaded areas show, where structure is the limiting factor.

The charts are only valid for off level ground conditions of up to 1%.

Hooks, load blocks, slings, hoist lines or any other fixing device below the boom head are considered as part of the load.

The nominal line pull at the hoisting winch is 33730 lbs (150.0kN). These values shall not be exceeded. Please refer to the following table. The coefficient of efficiency is included:

Luffing jib head:	5.5m [18ft]	3 sheaves (maximum parts of line: 5)
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Parts of line	1	2	3	4	5	6
Capacity [lbs]	32628	64595	96342	127427	158071	188700
Capacity [t]	14.8	29.3	43.7	57.8	71.7	85.5

Please refer also to reeving instructions in chapter 8 of the manual.

Load chart is calculated for original crane and boom sections in new and perfect conditions as approved by LIEBHERR. Any damages, non factory approved alterations or additions will reduce or prohibit it's use.

The crane operator shall be qualified like given information in chapter 2.2.4 of the operating manual. The operator and assistant personnel associated with the crane shall read and fully understand the latest applicable ANSI code for mobile crane (ANSI B30.5). Dynamic effects due to hoisting and lowering of the load, booming, swinging, travel and wind must be considered by the crane operator. The operator shall therefore reduce load ratings in order to take these conditions into account.



## Load charts main boom + luffing jib

Rated lifting capacities do not account for effects of wind on a suspended load or boom. Judgment and experience of the crane operator, job planners and supervisors must be used to compensate for affect of wind on the lifted load and boom by reducing ratings, reducing speeds or a combination of both. Local conditions have to considered additionally (e.g. wind effects between and around buildings).

As a guideline the following table show rating reductions [%] which shall be used as a minimum. For changing wind speeds an especially for gusts of wind the maximum wind speed must be used. For wind speeds between given values the maximum wind speed shall be taken. The following table is valid only for the LR1250 and the attached chart.

Luffing jib length [ft]		65.6-114.8		124.7-173.9		183.7-203.4	
Boom length [ft]		75.5-132.5	142.4-209	75.5-132.5	142.4-209	75.3-132.5	142.4-209
Luffing jib length [m]		20-35		38-53		56-62	
Boom length [m]		23.0-40.4	43.4-63.8	23.0-40.4	43.4-63.8	23.0-40.4	43.4-63.8
Wind speed [MPH]	Wind speed [m/s]	Percent rating reduction [%]					
15	7	0	0	0	0	0	0
20	9	10	10	10	10	10	10
25	11	20	20	10	10	10	10
30	13	20	20	10	10	20	20
35	16	30	30	20	20	40	50
Above 35	Above 16	<b>100 = operation not allowed</b>					

Additional reduction shall be done for light loads with a large sail area of the load. (larger than 1m<sup>2</sup>/1000kg load or 0.7 square inch per 1lbs load)

Parking positions of the boom are given in chapter 2.2.9 of the manual.

If a wind speed of more than 44.7MPH (20m/s) is expected or forecast in the wheater forecast, the complete boom shall be lowered horizontally to the ground early enough. (see chapter 2.2.6 manual)

The crane is authorized for use in outdoor temperatures of between -20°C and +40°C.

### Travel:

There is no restriction of the position of the superstructure in relation to the crawlers.

Capacity charts are based on static conditions. Travelling allways creates dynamic effects on the crane.

Therefore deratings are required. For a rule of thumb to travel with speeds up to 0.9mph (0.4m/s) on even surface with no more than 1% offlevel the following derating should be applied.:

90% of Rated capacity but no less than 2200lbs. (1000kg)

In case special deratings are required, calculation should be made based on 100% of the load chart.

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      66 ft luffing jib                      84 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	160	188.7												
30	75.8	159	188.7												
35	71.2	157	188.7												
35				75.0	158	188.7									
40	66.4	155	187.3	70.8	157	188.7									
45	61.5	152	185.3	66.0	154	187.5									
50	56.3	149	162.5	61.1	152	183.5									
55	50.7	145	146.2	55.8	148	160.8									
56							67.0	153	149.2						
60	44.6	140	117.4	50.2	144	144.4	63.2	151	141.7						
65	37.7	134	108.1	44.1	139	117.9	58.1	148	127.7						
70	29.4	126	88.2	37.1	133	110.6	52.7	144	116.1						
75	17.5	113	74.2	28.6	125	88.0	46.8	139	106.3						
80							40.2	134	98.0						
81										57.0	142	92.4			
85							32.5	126	90.8	52.1	138	86.4			
90							22.4	116	84.4	46.2	134	80.5			
95										39.5	128	75.3			
100										31.7	120	70.6			
122													37.0	108	50.1
125													32.0	103	48.5
130													21.7	92	46.2

## Load charts main boom + luffing jib

<b>version:</b>	<b>9834376/26304</b>	<b>main boom foot: 2220-1</b>	
<b>degree rating:</b>	<b>limited °</b>	<b>main boom head: 2220-1</b>	
<b>footprint:</b>		<b>main boom (s): 2220 [ft]:</b>	<b>84</b>
<b>counterweight [1000 lbs]:</b>	<b>188.5</b>	<b>luffing jib foot: 1311-2</b>	
<b>carbody counterweight [1000 lbs]:</b>	<b>79.4</b>	<b>luffing jib head: 1311-1</b>	
<b>load fall point</b>	<b>luffing jib head</b>	<b>luffing jib (s): 1311 [ft]:</b>	<b>75</b>

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 76 ft luffing jib 84 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	169	158.8												
30	77.7	169	158.8												
35	73.7	168	158.8												
38				75.0	168	158.8									
40	69.7	166	158.8	73.4	167	158.8									
45	65.5	164	158.3	69.4	165	158.8									
50	61.2	161	156.8	65.2	163	158.7									
55	56.7	158	141.7	60.9	160	156.3									
60	51.9	154	130.3	56.3	157	140.9	67.0	162	137.1						
65	46.8	149	116.6	51.5	153	129.6	62.7	159	127.4						
70	41.2	144	102.8	46.4	148	115.4	58.3	156	115.8						
75	34.7	137	91.9	40.7	143	103.3	53.6	152	106.1						
80	27.0	128	78.5	34.2	136	93.2	48.6	148	97.8						
85	18.9	118	33.0	26.3	127	80.1	43.2	143	90.6						
86										57.0	150	84.9			
90							37.1	137	84.4	53.2	147	80.2			
95							29.9	129	78.8	48.1	142	75.0			
100							20.4	117	73.9	42.6	137	70.3			
105										36.4	131	66.2			
110										29.1	123	62.5			
130													37.0	114	46.0
130													36.7	113	45.9
135													29.4	105	43.7
140													19.7	93	41.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 85 ft luffing jib 84 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	179	156.6												
35	75.6	178	155.3												
40	72.1	176	152.8												
41				75.0	177	153.9									
45	68.5	174	148.7	71.9	176	153.6									
50	64.8	172	141.2	68.2	174	150.4									
55	61.0	169	134.9	64.5	171	142.2									
60	57.0	166	120.5	60.7	169	134.8									
64							67.0	171	126.6						
65	52.8	162	115.2	56.7	165	120.3	66.1	170	126.6						
70	48.4	158	107.1	52.5	162	115.3	62.4	168	115.5						
75	43.6	153	88.6	48.1	157	106.3	58.4	165	105.8						
80	38.3	147	83.8	43.2	152	89.5	54.3	161	97.5						
85	32.3	140	77.1	37.9	146	85.7	50.0	157	90.4						
90	25.0	130	67.1	31.8	138	78.4	45.3	152	84.1						
91										57.0	158	78.4			
95										53.9	155	74.6			
100	17.3	119	33.0	24.3	128	68.4	40.3	146	78.7	49.6	151	70.0			
105							34.5	140	73.8	44.9	146	65.9			
110							27.8	131	69.4	39.7	141	62.2			
115							21.2	122	33.0	33.9	134	58.9			
120										27.0	125	55.8			
138													37.0	120	42.3
140													34.2	116	41.4
145													27.3	107	39.6
150													18.0	94	37.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      95 ft luffing jib                      84 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	188	137.0												
35	77.2	188	136.9												
40	74.0	187	135.5												
43				75.0	187	134.6									
45	70.9	185	132.4	73.8	186	134.5									
50	67.6	183	126.1	70.6	184	132.9									
55	64.3	181	121.0	67.4	182	129.4									
60	60.8	178	116.6	64.0	180	121.6									
65	57.3	175	109.4	60.6	177	116.5									
68							67.0	180	115.5						
70	53.6	171	103.5	57.0	174	109.2	65.5	179	115.3						
75	49.7	167	97.7	53.3	170	103.3	62.1	176	105.6						
80	45.5	162	87.1	49.3	166	93.8	58.5	173	97.3						
85	41.0	157	79.7	45.2	161	86.7	54.9	170	90.2						
90	36.0	150	73.6	40.6	156	80.4	51.1	166	84.0						
95	30.3	142	66.1	35.6	149	75.2	47.0	161	78.5						
97										57.0	166	72.8			
100	23.3	131	55.2	29.8	141	67.3	42.6	156	73.7	54.5	164	69.8			
105				22.7	130	56.1	37.8	150	69.4	50.7	160	65.7			
110							32.4	142	65.5	46.6	155	62.0			
115							26.0	133	60.3	42.2	150	58.7			
120							19.7	123	33.0	37.3	144	55.7			
125										31.8	136	52.9			
130										25.2	126	50.3			
146													37.0	126	39.3
150													32.1	119	37.7
155													25.5	109	36.2
160													19.1	99	33.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 105 ft luffing jib 84 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	198	120.4												
40	75.6	197	119.7												
45	72.7	195	118.2												
46				75.0	196	118.2									
50	69.8	194	114.9	72.5	195	118.0									
55	66.9	191	110.6	69.6	193	114.6									
60	63.8	189	106.3	66.6	191	110.6									
65	60.7	186	102.6	63.6	188	106.4									
70	57.5	183	97.3	60.5	186	102.4									
72							67.0	189	105.8						
75	54.1	180	90.4	57.2	182	92.6	64.9	187	105.3						
80	50.6	176	88.0	53.9	179	89.9	61.8	185	97.0						
85	47.0	171	81.4	50.4	175	86.8	58.6	182	89.9						
90	43.0	166	75.0	46.7	170	80.7	55.3	178	83.7						
95	38.7	160	69.2	42.7	165	75.1	51.9	174	78.2						
100	34.0	153	63.7	38.4	159	70.2	48.3	170	73.4						
102										57.0	175	67.7			
105	28.6	144	57.3	33.6	152	63.1	44.4	165	69.1	55.0	172	65.3			
110	21.9	133	50.9	28.1	143	57.3	40.3	159	65.2	51.5	169	61.7			
115				21.3	131	51.5	35.7	153	61.7	47.9	164	58.4			
120							30.6	145	58.5	44.0	159	55.4			
125							24.4	134	55.6	39.9	153	52.6			
130							18.3	124	33.0	35.3	147	50.1			
135										30.0	138	47.7			
140										23.7	128	45.6			
153													37.0	132	36.3
155													35.4	129	35.8
160													30.2	121	34.4
165													25.6	113	33.0
170													17.8	100	31.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom                      115 ft luffing jib                      84 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	208	106.1												
40	76.8	207	105.9												
45	74.3	206	105.0												
48				75.0	206	104.0									
50	71.6	204	103.0	74.1	205	104.0									
55	69.0	202	100.2	71.4	204	103.8									
60	66.2	200	94.6	68.8	202	100.0									
65	63.5	198	92.5	66.0	199	95.1									
70	60.6	195	90.2	63.2	197	92.7									
75	57.7	192	86.6	60.4	194	90.1									
75							67.0	198	92.9						
80	54.6	188	83.6	57.4	191	86.4	64.4	196	92.8						
85	51.5	184	81.1	54.4	187	83.3	61.6	193	89.6						
90	48.1	180	76.1	51.2	183	80.9	58.7	190	83.4						
95	44.6	175	70.4	47.9	179	75.4	55.7	187	77.9						
100	40.9	169	61.1	44.3	174	70.3	52.6	183	73.1						
105	36.8	163	59.8	40.6	168	65.8	49.3	179	68.8						
107										57.0	183	63.2			
110	32.3	155	56.1	36.5	162	61.7	45.9	174	64.8	55.4	181	61.3			
115	27.1	146	50.6	31.9	154	57.2	42.2	169	61.4	52.3	177	58.0			
120	20.6	134	45.0	26.6	145	51.7	38.3	162	58.3	49.0	173	55.0			
125				21.7	136	33.0	33.9	155	55.4	45.5	168	52.3			
130							29.0	147	52.7	41.8	163	49.7			
135							23.1	136	50.2	37.9	156	47.4			
140							17.2	125	33.0	33.5	149	45.3			
145										28.5	141	43.3			
150										22.4	129	41.5			
161													37.0	137	33.6
165													34.7	134	32.7
170													29.9	125	31.4
175													24.2	115	30.2
180													16.7	101	29.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 125 ft luffing jib 84 [ft] (2220), 125 [ft] (1311)</b>															
40	78.0	217	93.7												
40	77.9	217	93.7												
45	75.5	216	93.2												
50	73.1	214	92.3												
51				75.0	215	91.9									
55	70.7	213	89.9	72.9	214	91.9									
60	68.2	211	87.6	70.5	212	90.0									
65	65.7	209	85.1	68.0	210	87.8									
70	63.1	206	83.1	65.5	208	85.3									
75	60.5	203	81.1	62.9	205	83.2									
79							67.0	207	83.4						
80	57.8	200	78.8	60.3	203	81.2	66.6	207	83.4						
85	55.0	197	76.7	57.6	199	78.8	64.1	204	83.3						
90	52.1	193	75.0	54.8	196	76.8	61.4	201	81.4						
95	49.1	189	71.7	51.9	192	75.2	58.8	198	77.7						
100	45.9	184	66.5	48.9	188	71.1	56.0	195	72.9						
105	42.6	179	58.6	45.7	183	66.4	53.2	191	68.6						
110	39.0	173	56.2	42.3	178	59.3	50.2	187	64.7						
113										57.0	191	59.2			
115	35.1	166	54.1	38.7	172	57.5	47.1	183	61.2	55.7	190	57.7			
120	30.8	158	49.6	34.8	165	55.2	43.8	178	58.1	52.9	186	54.8			
125	25.7	148	44.9	30.4	157	50.6	40.3	172	55.2	49.9	182	52.0			
130	19.5	135	40.2	25.3	147	45.9	36.5	165	52.5	46.8	177	49.5			
135				20.6	137	33.0	32.3	158	50.1	43.5	172	47.2			
140							27.6	149	47.8	39.9	166	45.1			
145							21.9	137	45.7	36.1	159	43.1			
150										31.9	152	41.3			
155										27.1	143	39.6			
160										21.2	131	38.0			
169													37.0	143	31.4
170													37.0	143	31.1
175													33.1	136	30.0
180													28.5	128	28.9
185													23.0	117	27.8
190													15.7	102	26.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 135 ft luffing jib 84 [ft] (2220), 135 [ft] (1311)</b>															
42	78.0	227	81.4												
45	76.6	226	81.2												
50	74.4	225	80.9												
53				75.0	225	80.0									
55	72.2	223	79.6	74.2	224	80.0									
60	69.9	221	77.8	72.0	223	79.8									
65	67.6	219	75.9	69.7	221	77.7									
70	65.3	217	73.9	67.4	219	76.0									
75	62.9	215	72.3	65.1	216	74.0									
80	60.4	212	70.7	62.7	214	72.4									
83							67.0	216	72.6						
85	57.9	209	68.8	60.3	211	70.8	66.1	215	72.6						
90	55.4	205	67.2	57.7	208	69.0	63.7	213	72.5						
95	52.7	201	65.8	55.2	205	67.4	61.3	210	70.8						
100	49.9	197	63.4	52.5	201	66.2	58.8	207	69.4						
105	47.0	193	59.9	49.7	197	63.5	56.3	204	67.6						
110	44.0	188	56.5	46.8	192	60.2	53.6	200	64.4						
115	40.8	182	53.5	43.8	187	57.2	50.9	196	60.9						
118										57.0	199	55.5			
120	37.4	176	50.8	40.5	181	54.5	48.1	192	57.8	56.0	198	54.4			
125	33.6	168	47.9	37.1	175	52.1	45.1	187	54.9	53.4	194	51.6			
130	29.4	160	43.9	33.3	167	48.8	41.9	181	52.2	50.6	190	49.2			
135	24.6	150	39.8	29.1	159	44.8	38.6	175	49.8	47.8	186	46.9			
140	18.5	136	35.7	24.2	148	40.8	34.9	168	47.6	44.8	181	44.7			
145				19.6	138	33.0	30.9	160	45.5	41.6	175	42.8			
150							26.4	151	43.5	38.2	169	41.0			
155							20.8	139	41.2	34.6	162	39.3			
160										30.5	154	37.7			
165										25.9	144	36.2			
170										20.2	132	34.8			
177													37.0	149	28.9
180													35.6	147	28.5
185													31.7	139	27.5
190													27.2	130	26.5
195													21.9	118	25.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 144 ft luffing jib 84 [ft] (2220), 144 [ft] (1311)</b>															
44	78.0	237	71.3												
45	77.5	236	71.3												
50	75.5	235	71.0												
55	73.4	234	70.6												
56				75.0	234	70.3									
60	71.3	232	69.3	73.3	233	70.2									
65	69.2	230	68.1	71.2	231	69.5									
70	67.1	228	66.3	69.1	229	67.9									
75	64.9	226	63.3	66.9	227	66.5									
80	62.7	223	62.5	64.7	225	63.5									
85	60.4	220	61.3	62.5	222	62.6									
87							67.0	225	62.9						
90	58.0	217	59.9	60.2	220	61.4	65.6	224	62.9						
95	55.6	214	58.6	57.9	216	60.1	63.4	221	62.6						
100	53.2	210	57.5	55.5	213	58.9	61.2	218	61.3						
105	50.6	206	56.5	53.0	209	58.0	58.9	215	60.3						
110	48.0	202	54.0	50.4	205	56.7	56.5	212	59.1						
115	45.2	197	51.7	47.8	201	54.5	54.1	209	58.0						
120	42.3	191	49.5	45.0	196	52.3	51.5	205	57.1						
124										57.0	208	52.1			
125	39.2	185	47.5	42.1	190	50.4	48.9	200	54.6	56.3	207	51.3			
130	35.9	179	45.8	38.9	184	48.6	46.2	196	51.9	53.8	203	48.8			
135	32.2	171	42.8	35.6	178	47.1	43.3	190	49.5	51.3	199	46.5			
140	28.2	162	39.3	32.0	170	43.7	40.3	185	47.3	48.7	195	44.4			
145	23.5	151	35.8	27.9	161	40.2	37.1	178	45.2	45.9	190	42.4			
150	19.2	141	30.4	23.1	150	36.8	33.6	171	43.3	43.0	185	40.6			
155				18.7	139	31.7	29.7	163	41.5	40.0	179	38.9			
160							25.2	153	39.8	36.7	172	37.4			
165							19.9	140	37.2	33.2	165	35.9			
170										29.3	156	34.5			
175										24.8	146	33.2			
180										20.7	137	32.0			
185													37.0	155	27.1
185													37.0	155	26.9
190													34.2	149	26.1
195													30.4	141	25.2
200													26.1	132	24.3
205													20.9	120	23.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 154 ft luffing jib 84 [ft] (2220), 154 [ft] (1311)</b>															
46	78.0	246	61.0												
50	76.4	245	60.7												
55	74.5	244	60.3												
58				75.0	244	59.8									
60	72.6	242	59.7	74.4	243	59.8									
65	70.6	241	58.9	72.4	242	59.8									
70	68.6	239	58.1	70.5	240	59.0									
75	66.6	236	57.2	68.5	238	58.3									
80	64.5	234	56.3	66.4	236	57.3									
85	62.4	232	55.7	64.4	233	56.4									
90	60.3	229	54.8	62.3	231	55.7									
91							67.0	234	55.7						
95	58.1	226	53.7	60.2	228	54.8	65.3	232	55.7						
100	55.9	222	52.8	58.0	225	53.9	63.2	230	55.3						
105	53.6	219	51.9	55.7	222	53.1	61.1	227	54.5						
110	51.2	215	51.2	53.4	218	52.3	58.9	224	53.9						
115	48.8	210	49.6	51.0	214	51.7	56.7	221	53.1						
120	46.2	206	47.7	48.6	210	49.9	54.4	217	52.3						
125	43.6	200	45.9	46.0	205	48.2	52.1	213	51.6						
129										57.0	216	49.1			
130	40.7	195	44.2	43.3	200	46.6	49.6	209	51.0	56.5	215	48.5			
135	37.8	188	42.7	40.5	194	45.2	47.1	205	49.3	54.2	211	46.2			
140	34.5	181	41.3	37.5	188	43.9	44.5	200	47.0	51.8	208	44.1			
145	31.0	173	38.2	34.3	180	42.0	41.7	194	45.0	49.4	203	42.2			
150	27.1	164	35.2	30.8	172	39.0	38.8	188	43.1	46.9	199	40.4			
155	23.7	156	28.9	26.8	163	36.0	35.7	181	41.3	44.2	194	38.7			
160	18.3	142	27.5	23.3	154	30.0	32.3	174	39.6	41.5	188	37.1			
165							28.5	165	38.0	38.5	182	35.6			
170							24.2	154	36.4	35.4	175	34.3			
175							19.0	141	33.5	32.8	169	33.0			
180										29.1	161	31.8			
185										24.9	151	30.6			
190										19.8	138	29.5			
193													37.0	161	25.1
195													36.3	160	24.9
200													32.9	152	24.0
205													29.2	143	23.2
210													25.0	133	22.4
215													20.0	121	21.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 164 ft luffing jib 84 [ft] (2220), 164 [ft] (1311)</b>															
48	78.0	256	53.3												
50	77.3	255	53.3												
55	75.5	254	52.6												
60	73.7	253	52.3												
61				75.0	253	52.1									
65	71.8	251	51.9	73.5	252	52.1									
70	70.0	249	51.6	71.7	250	52.0									
75	68.1	247	51.2	69.8	249	51.7									
80	66.2	245	50.7	67.9	247	51.4									
85	64.2	243	50.4	66.0	244	50.9									
90	62.3	240	50.1	64.1	242	50.5									
95							67.0	243	49.8						
95	60.3	237	49.4	62.1	239	50.1	66.8	243	49.8						
100	58.2	234	48.6	60.1	236	49.5	64.9	241	49.8						
105	56.1	231	48.0	58.1	233	48.8	63.0	238	49.4						
110	54.0	227	47.4	56.0	230	48.2	61.0	235	49.0						
115	51.8	223	46.9	53.8	226	47.7	58.9	232	48.7						
120	49.5	219	45.8	51.6	223	47.3	56.9	229	48.1						
125	47.1	214	44.3	49.3	218	46.1	54.7	226	47.6						
130	44.6	210	42.8	46.9	214	44.7	52.5	222	47.1						
134										57.0	224	45.8			
135	42.1	204	41.4	44.4	209	43.4	50.3	218	46.7	56.7	224	45.8			
140	39.3	198	40.2	41.9	203	42.2	47.9	213	45.7	54.5	220	43.7			
145	36.4	192	39.0	39.1	197	41.1	45.5	209	44.6	52.3	216	41.8			
150	33.3	184	37.2	36.2	191	40.2	43.0	203	42.7	50.1	212	40.0			
155	29.9	176	34.5	33.1	183	37.9	40.3	197	41.0	47.7	208	38.3			
160	27.1	168	28.7	29.7	175	35.3	37.5	191	39.3	45.3	203	36.8			
165	22.8	157	26.8	26.7	167	29.5	34.5	184	37.7	42.7	197	35.3			
170	17.5	143	24.9	22.4	156	28.1	31.2	176	36.3	40.0	192	33.9			
175							27.5	167	34.9	37.9	187	32.7			
180							24.4	159	30.3	34.9	180	31.5			
185							19.5	146	29.4	31.6	172	30.3			
190										28.0	163	29.2			
195										23.9	152	28.2			
200										19.0	139	27.2			
201													37.0	167	23.4
205													35.0	162	22.8
210													31.8	155	22.0
215													28.2	146	21.3
220													24.1	135	20.5
225													19.2	122	19.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom</b> <b>174 ft luffing jib</b> <b>84 [ft] (2220), 174 [ft] (1311)</b>															
50	78.0	265	46.5												
55	76.3	264	46.2												
60	74.6	263	45.8												
64				75.0	263	45.5									
65	72.9	261	45.6	74.5	262	45.5									
70	71.1	260	45.2	72.8	261	45.5									
75	69.4	258	44.8	71.0	259	45.2									
80	67.6	256	44.3	69.3	257	44.9									
85	65.8	254	43.8	67.5	255	44.5									
90	64.0	251	43.3	65.7	253	43.9									
95	62.1	248	42.9	63.8	250	43.4									
98							67.0	252	42.9						
100	60.2	246	42.3	62.0	248	43.0	66.4	252	42.9						
105	58.3	243	41.6	60.1	245	42.4	64.6	249	42.9						
110	56.3	239	41.1	58.1	242	41.8	62.8	247	42.6						
115	54.3	236	40.5	56.2	239	41.2	60.9	244	42.1						
120	52.2	232	40.1	54.1	235	40.8	59.0	241	41.7						
125	50.1	228	39.5	52.1	231	40.4	57.0	238	41.2						
130	47.9	223	38.5	49.9	227	39.7	55.0	234	40.7						
135	45.6	218	37.6	47.7	223	38.8	52.9	230	40.3						
140										57.0	232	39.2			
140	43.2	213	36.7	45.4	218	38.0	50.8	226	39.9	56.8	232	39.2			
145	40.7	208	35.8	43.0	212	37.2	48.7	222	39.3	54.8	229	39.2			
150	38.1	201	35.1	40.5	207	36.5	46.4	217	38.6	52.7	225	38.9			
155	35.3	194	34.4	37.9	200	35.9	44.0	212	38.0	50.6	221	37.9			
160	33.0	189	28.7	35.0	193	35.1	41.6	207	37.4	48.4	216	36.4			
165	29.7	180	27.1	32.7	188	30.7	39.0	201	36.8	46.2	212	34.9			
170	26.1	170	25.5	29.5	179	29.1	36.3	194	36.0	43.8	207	33.6			
175	22.0	159	23.9	25.8	169	27.5	33.3	187	34.6	41.9	202	32.3			
180	16.8	144	22.3	21.6	157	26.0	30.9	180	31.0	39.4	196	31.1			
185							27.4	171	29.8	36.6	190	30.0			
190							23.5	160	28.5	33.7	182	28.9			
195							18.8	147	27.2	30.6	174	27.9			
200										27.1	165	26.9			
205										23.1	154	25.9			
208													37.0	173	21.7
210													36.8	172	21.6
215													33.8	165	20.9
220													30.7	157	20.2
225													27.2	148	19.5
230													23.2	137	18.8
235													18.5	123	18.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 84  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 184 ft luffing jib 84 [ft] (2220), 184 [ft] (1311)</b>															
52	78.0	275	41.0												
55	77.1	274	40.9												
60	75.5	273	40.6												
65	73.8	272	40.3												
66				75.0	272	40.2									
70	72.2	270	40.0	73.7	271	40.2									
75	70.5	268	39.6	72.1	269	40.1									
80	68.9	266	39.2	70.4	268	39.6									
85	67.2	264	38.6	68.7	266	39.3									
90	65.5	262	38.0	67.1	264	38.8									
95	63.7	260	37.5	65.3	261	38.1									
100	62.0	257	37.1	63.6	259	37.6									
102							67.0	261	37.3						
105	60.2	254	36.5	61.8	256	37.2	66.1	260	37.3						
110	58.4	251	35.9	60.0	253	36.6	64.3	258	37.3						
115	56.5	248	35.4	58.2	250	36.1	62.6	255	36.9						
120	54.6	244	34.9	56.3	247	35.5	60.8	252	36.4						
125	52.6	240	34.5	54.4	244	35.1	59.0	249	36.0						
130	50.6	236	34.2	52.5	240	34.7	57.1	246	35.6						
135	48.6	232	33.6	50.5	236	34.3	55.3	243	35.1						
140	46.4	227	33.1	48.4	231	33.8	53.3	239	34.7						
145										57.0	241	33.8			
145	44.7	224	28.9	46.2	227	33.4	51.3	235	34.3	57.0	241	33.8			
150	42.4	218	28.0	44.5	223	30.0	49.3	231	34.0	55.1	237	33.8			
155	40.0	212	27.3	42.2	217	29.5	47.2	226	33.6	53.1	233	33.6			
160	37.5	206	26.6	39.8	211	29.0	45.0	221	33.2	51.1	229	33.2			
165	34.8	199	25.9	37.3	205	28.6	43.2	217	30.2	49.6	226	31.3			
170	31.9	191	24.7	34.6	198	27.9	40.9	212	29.7	47.5	222	31.1			
175	28.8	182	23.5	31.7	190	26.8	38.4	205	29.2	45.3	217	30.9			
180	25.3	172	22.4	28.5	181	25.7	35.8	199	28.8	43.0	211	30.7			
185	21.2	160	21.2	25.0	171	24.5	33.0	191	28.0	40.6	206	29.7			
190	16.2	145	20.0	20.9	159	23.3	29.9	183	27.2	38.1	199	28.6			
195							26.5	173	26.4	35.5	193	27.6			
200							22.7	162	25.6	32.7	185	26.6			
205							18.1	148	24.7	29.6	177	25.7			
210										26.2	167	24.8			
215										22.3	155	24.0			
216													37.0	179	20.3
220													35.6	175	19.9
225													32.8	168	19.2
230													29.7	159	18.6
235													26.3	150	18.0
240													22.5	138	17.4
245													17.8	124	16.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

84

194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>84 ft main boom 194 ft luffing jib 84 [ft] (2220), 194 [ft] (1311)</b>															
54	78.0	285	35.5												
55	77.7	284	35.5												
60	76.2	283	35.1												
65	74.7	282	34.9												
69				75.0	282	34.6									
70	73.1	280	34.6	74.6	281	34.6									
75	71.6	279	34.2	73.0	280	34.6									
80	70.0	277	33.8	71.5	278	34.2									
85	68.4	275	33.4	69.9	276	33.8									
90	67.2	273	30.2	68.3	274	33.5									
95	65.6	271	29.8	67.1	273	30.3									
100	63.9	269	29.5	65.4	270	29.9									
105	62.2	266	29.2	63.8	268	29.6									
106							67.0	270	29.6						
110	60.5	263	28.8	62.1	265	29.3	66.1	269	29.6						
115	58.8	260	28.4	60.4	263	28.9	64.5	267	29.5						
120	57.1	257	28.0	58.7	260	28.5	62.8	264	29.3						
125	55.3	254	27.6	56.9	256	28.1	61.1	261	29.0						
130	53.4	250	27.3	55.1	253	27.8	59.4	259	28.8						
135	51.5	246	27.0	53.3	249	27.5	57.7	255	28.5						
140	49.6	242	26.6	51.4	245	27.2	55.9	252	28.2						
145	47.6	237	26.1	49.5	241	26.9	54.1	248	27.9						
150	45.6	232	25.5	47.5	237	26.5	52.2	245	27.7						
150										57.0	249	27.2			
155	43.4	227	25.1	45.4	232	26.2	50.3	241	27.5	55.7	246	27.2			
160	41.2	222	24.6	43.3	226	25.9	48.3	236	27.1	53.9	243	27.2			
165	38.9	216	24.2	41.0	221	25.6	46.3	231	26.7	52.0	239	26.9			
170	36.4	209	23.8	38.7	215	25.3	44.2	226	26.3	50.1	235	26.7			
175	33.8	202	23.2	36.2	208	25.0	42.0	221	26.0	48.1	230	26.5			
180	31.0	194	22.2	33.6	201	24.3	39.7	215	25.7	46.1	226	26.4			
185	27.9	184	21.3	30.7	192	23.4	37.3	209	25.4	44.0	221	26.2			
190	24.5	174	20.4	27.7	183	22.5	34.7	201	25.0	41.8	215	26.1			
195	20.5	162	19.4	24.2	173	21.6	32.0	194	24.4	39.5	209	26.0			
200	15.5	146	18.5	20.2	160	20.7	29.0	185	23.8	37.0	203	25.8			
205							25.7	175	23.2	34.5	195	25.4			
210							22.0	163	22.6	31.7	188	24.5			
215							17.4	149	22.0	28.7	179	23.7			
220										25.4	169	22.9			
224													37.0	185	18.9
225										21.6	157	22.1	37.0	185	18.8
230													34.6	178	18.2
235													31.8	170	17.6
240													28.8	162	17.0
245													25.5	151	16.4
250													21.7	140	15.9
255													17.1	125	15.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

84

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>84 ft main boom 203 ft luffing jib 84 [ft] (2220), 203 [ft] (1311)</b>															
56	78.0	294	28.3												
60	77.2	294	28.1												
65	75.8	292	27.9												
70	74.3	291	27.7												
71				75.0	291	27.6									
75	72.8	290	27.4	74.2	290	27.6									
80	71.4	288	27.0	72.7	289	27.6									
85	69.9	286	26.7	71.2	287	27.3									
90	68.3	284	26.4	69.7	285	26.9									
95	66.8	282	26.1	68.2	283	26.7									
100	65.3	280	25.8	66.7	281	26.3									
105	63.7	277	25.5	65.1	279	26.0									
110	62.1	275	25.3	63.6	277	25.7	67.0	279	25.6						
115	60.5	272	24.9	62.0	274	25.5	65.8	278	25.6						
120	58.8	269	24.5	60.4	271	25.1	64.2	275	25.6						
125	57.2	266	24.2	58.7	268	24.8	62.7	273	25.3						
130	55.5	262	23.9	57.0	265	24.5	61.1	270	25.0						
135	53.7	259	23.6	55.3	261	24.2	59.4	267	24.8						
140	51.9	255	23.4	53.6	258	23.9	57.8	264	24.5						
145	50.1	251	23.1	51.8	254	23.7	56.1	261	24.3						
150	48.2	246	22.9	50.0	250	23.5	54.3	257	24.0						
155	46.3	241	22.7	48.1	245	23.3	52.6	253	23.8						
156										57.0	257	23.3			
160	44.3	236	22.4	46.2	241	23.0	50.8	249	23.7	55.9	255	23.3			
165	42.2	231	22.2	44.1	235	22.8	48.9	245	23.5	54.2	251	23.3			
170	40.1	225	22.0	42.1	230	22.7	47.0	240	23.3	52.4	248	23.1			
175	37.8	219	21.9	39.9	224	22.5	45.0	235	23.1	50.6	243	22.9			
180	35.4	212	21.7	37.6	218	22.3	43.0	230	22.9	48.7	239	22.8			
185	32.8	204	21.0	35.2	211	22.0	40.8	224	22.7	46.8	235	22.7			
190	30.1	196	20.3	32.6	203	21.4	38.6	218	22.6	44.8	230	22.6			
195	27.1	187	19.5	29.9	195	20.7	36.2	212	22.5	42.8	224	22.5			
200	23.7	176	18.8	26.8	185	20.0	33.8	204	22.1	40.6	218	22.4			
205	19.8	163	18.0	23.5	174	19.3	31.1	196	21.6	38.4	212	22.3			
210				19.5	161	18.6	28.2	187	21.2	36.0	206	22.2			
215							25.0	177	20.8	33.5	198	22.2			
220							21.3	165	20.3	30.8	190	22.1			
225							16.8	150	19.8	27.9	181	21.8			
230										24.6	170	21.1			
232													37.0	191	17.4
235										20.9	158	20.4	36.1	188	17.2
240													33.6	181	16.6
245													30.9	173	16.1
250													28.0	164	15.5
255													24.8	153	15.0
260													21.0	141	14.5
265													16.5	126	14.0



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      66 ft luffing jib                      94 [ft] (2220), 66 [ft] (1311)</b>															
28	78.0	169	188.7												
30	76.4	169	188.7												
35	71.8	167	188.7												
37				75.0	168	188.7									
40	67.1	165	186.6	71.9	167	188.7									
45	62.2	163	180.6	67.2	165	187.2									
50	57.0	159	162.1	62.3	162	177.7									
55	51.5	156	145.9	57.1	159	159.9									
59							67.0	162	138.8						
60	45.5	151	129.1	51.6	155	144.7	65.7	161	138.8						
65	38.7	145	110.0	45.6	151	129.1	60.8	159	126.7						
70	30.6	137	97.6	38.9	145	112.9	55.5	155	115.2						
75	19.6	126	77.9	30.9	137	100.7	49.9	151	105.5						
80				23.0	129	33.0	43.7	146	97.2						
85										57.0	150	85.4			
85							36.6	140	90.1	56.7	150	85.1			
90							28.0	131	83.8	51.2	146	79.3			
95							18.9	122	33.0	45.1	142	74.1			
100										38.3	136	69.5			
105										30.2	128	65.4			
110										22.0	119	33.0			
129													37.0	115	45.2
130													35.3	113	44.8
135													26.2	104	42.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 94  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 76 ft luffing jib 94 [ft] (2220), 75 [ft] (1311)</b>															
30	78.0	179	158.8												
35	74.3	178	158.8												
39				75.0	177	158.8									
40	70.2	176	158.8	74.4	177	158.8									
45	66.1	174	158.2	70.3	175	158.8									
50	61.8	171	157.3	66.2	173	158.0									
55	57.3	168	143.8	61.9	171	156.5									
60	52.6	164	132.3	57.4	168	143.2									
63							67.0	171	129.0						
65	47.5	160	119.6	52.7	164	131.7	64.9	170	126.4						
70	42.0	154	106.1	47.7	159	119.5	60.6	167	114.9						
75	35.7	148	94.2	42.1	154	107.5	56.0	164	105.2						
80	28.1	139	82.3	35.9	148	97.8	51.2	160	97.0						
85	17.7	126	68.8	28.4	139	84.5	46.0	155	89.9						
90				20.9	130	33.0	40.3	150	83.7						
90										57.0	159	78.8			
95							33.7	143	78.2	52.3	155	73.8			
100							25.7	133	73.4	47.2	151	69.2			
105										41.6	145	65.2			
110										35.3	138	61.5			
115										27.7	130	58.2			
120										20.0	120	33.0			
137													37.0	121	41.6
140													32.5	116	40.4
145													24.0	106	38.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>94 ft main boom 85 ft luffing jib 94 [ft] (2220), 85 [ft] (1311)</b>															
32	78.0	189	152.4												
35	76.1	188	151.7												
40	72.6	186	149.7												
42				75.0	187	150.1									
45	69.0	184	146.9	72.7	186	150.0									
50	65.3	182	140.4	69.1	184	147.7									
55	61.5	180	135.5	65.4	182	141.9									
60	57.6	176	121.4	61.6	179	136.2									
65	53.4	173	115.8	57.7	176	121.8									
66							67.0	180	118.5						
70	49.0	169	108.9	53.5	172	116.3	64.3	178	114.5						
75	44.3	164	97.6	49.2	168	109.1	60.5	176	104.9						
80	39.1	158	85.0	44.4	163	98.6	56.4	172	96.3						
85	33.2	151	79.3	39.2	157	87.1	52.2	169	89.6						
90	26.1	141	69.3	33.4	150	81.5	47.8	164	83.4						
95	16.1	127	57.2	26.3	141	71.5	42.9	159	78.0						
95										57.0	167	72.9			
100							37.6	153	73.2	53.2	164	68.9			
105							31.4	145	68.9	48.8	159	64.8			
110							23.8	135	64.2	44.0	154	61.2			
115										38.8	148	57.9			
120										32.9	141	54.9			
125										25.7	132	52.1			
130										18.3	121	33.0			
145													37.0	127	38.4
150													30.2	118	36.6
155													22.1	107	35.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 95 ft luffing jib 94 [ft] (2220), 95 [ft] (1311)</b>															
34	78.0	198	135.3												
35	77.6	198	135.3												
40	74.5	197	134.1												
44				75.0	196	133.2									
45	71.3	195	131.9	74.6	196	133.2									
50	68.1	193	128.5	71.4	195	132.5									
55	64.7	191	122.0	68.1	193	129.6									
60	61.3	188	118.3	64.8	190	123.1									
65	57.8	185	111.3	61.4	188	119.1									
70	54.1	181	105.4	57.9	185	111.6									
70							67.0	189	110.1						
75	50.2	177	100.5	54.2	181	105.5	63.8	187	104.7						
80	46.1	173	88.8	50.3	177	100.0	60.4	184	96.5						
85	41.6	167	81.7	46.2	172	89.1	56.8	181	89.4						
90	36.7	161	75.7	41.7	167	82.9	53.0	177	83.3						
95	31.1	153	68.6	36.9	160	77.7	49.1	173	77.9						
100	24.4	143	56.9	31.3	153	70.6	44.9	168	73.1						
101										57.0	175	67.9			
105										53.9	172	64.6			
110				24.6	143	58.0	40.3	162	68.8	50.0	168	61.0			
115							29.4	147	61.4	45.8	163	57.7			
120							22.1	136	58.2	41.4	158	54.7			
125										36.4	151	52.0			
130										30.8	144	49.5			
135										24.0	133	47.2			
153													37.0	133	35.7
155													34.3	129	34.9
160													28.3	120	33.5
165													22.6	112	32.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 105 ft luffing jib 94 [ft] (2220), 105 [ft] (1311)</b>															
36	78.0	208	118.1												
40	76.0	207	117.5												
45	73.1	205	116.2												
47				75.0	206	116.0									
50	70.2	204	113.5	73.2	205	116.0									
55	67.3	202	109.7	70.3	203	113.7									
60	64.3	199	105.6	67.4	201	110.2									
65	61.1	197	102.4	64.3	199	106.0									
70	57.9	193	97.5	61.2	196	103.0									
74							67.0	198	101.0						
75	54.6	190	90.8	58.0	193	97.6	66.4	198	101.0						
80	51.1	186	88.6	54.7	190	90.5	63.4	195	96.2						
85	47.5	182	82.6	51.2	186	88.2	60.3	193	89.1						
90	43.6	176	76.3	47.6	181	82.3	57.0	189	83.0						
95	39.4	171	70.5	43.7	176	76.7	53.7	186	77.6						
100	34.7	164	65.5	39.5	170	71.8	50.1	182	72.8						
105	29.4	155	58.8	34.8	163	67.2	46.4	177	68.5						
106										57.0	183	63.3			
110	22.9	144	52.4	29.5	155	59.1	42.4	172	64.6	54.4	181	60.6			
115				23.1	144	53.4	38.1	166	61.2	50.9	177	57.3			
120							33.3	158	58.0	47.3	172	54.4			
125							27.7	149	55.1	43.4	167	51.7			
130							20.7	138	52.4	39.1	161	49.2			
135										34.4	154	46.9			
140										29.1	146	44.8			
145										22.5	135	42.8			
160													37.0	138	32.8
165													33.6	133	31.9
170													28.1	125	30.6
175													21.2	113	29.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      115 ft luffing jib                      94 [ft] (2220), 115 [ft] (1311)</b>															
38	78.0	217	105.3												
40	77.2	217	105.3												
45	74.6	216	104.4												
49				75.0	215	103.5									
50	72.0	214	102.8	74.7	215	103.5									
55	69.3	212	100.4	72.1	214	103.3									
60	66.6	210	95.0	69.4	212	100.4									
65	63.8	208	92.8	66.7	210	97.5									
70	61.0	205	90.8	63.9	207	93.3									
75	58.1	202	87.4	61.1	205	91.3									
78							67.0	207	91.5						
80	55.0	198	84.4	58.2	202	87.6	65.9	206	91.5						
85	51.9	195	82.0	55.1	198	84.5	63.1	204	88.8						
90	48.6	190	77.6	52.0	194	82.0	60.2	201	82.6						
95	45.1	185	72.0	48.7	190	77.5	57.2	198	77.2						
100	41.4	180	66.8	45.2	185	72.4	54.2	194	72.4						
105	37.4	174	60.9	41.5	180	67.8	51.0	190	68.2						
110	32.9	166	58.0	37.5	173	62.9	47.7	186	64.3						
112										57.0	192	59.2			
115	27.8	157	52.4	33.1	166	59.6	44.1	181	60.9	54.9	189	56.9			
120	21.6	146	46.8	28.0	157	54.1	40.3	175	57.7	51.7	185	54.0			
125				21.8	146	48.5	36.2	169	54.9	48.4	181	51.3			
130							31.6	161	52.2	44.9	176	48.8			
135							26.2	151	49.8	41.2	171	46.6			
140							19.5	139	47.5	37.2	164	44.5			
145										32.7	157	42.5			
150										27.5	148	40.7			
155										21.2	136	39.0			
168													37.0	144	30.4
170													36.4	143	30.2
175													31.9	136	29.1
180													26.6	126	28.0
185													20.0	114	26.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>94 ft main boom 125 ft luffing jib 94 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	227	92.0												
45	75.9	226	91.6												
50	73.5	225	90.9												
52				75.0	225	90.5									
55	71.0	223	88.9	73.5	224	90.4									
60	68.6	221	86.8	71.1	222	90.3									
65	66.1	219	84.4	68.6	220	87.1									
70	63.5	216	82.4	66.1	218	84.8									
75	60.9	213	80.7	63.6	216	82.7									
80	58.2	210	78.4	61.0	213	81.0									
82							67.0	216	82.3						
85	55.4	207	76.4	58.3	210	78.8	65.4	215	82.2						
90	52.5	203	74.7	55.5	207	76.8	62.8	212	81.3						
95	49.5	199	72.1	52.6	203	75.3	60.1	210	77.0						
100	46.4	194	67.1	49.6	199	72.3	57.4	206	72.2						
105	43.1	189	59.2	46.5	194	67.7	54.6	203	68.0						
110	39.5	183	56.9	43.2	189	60.1	51.7	199	64.1						
115	35.7	177	54.9	39.6	183	58.3	48.7	195	60.7						
117										57.0	200	55.5			
120	31.4	169	50.8	35.8	176	56.7	45.5	190	57.5	55.3	198	53.7			
125	26.5	159	46.1	31.5	168	52.2	42.1	184	54.7	52.4	194	51.1			
130	20.5	147	41.4	26.6	159	47.6	38.5	178	52.0	49.4	190	48.6			
135				20.6	147	42.8	34.5	171	49.6	46.2	185	46.3			
140							30.1	163	47.4	42.9	180	44.3			
145							25.0	153	45.3	39.3	174	42.3			
150							18.5	140	43.4	35.4	167	40.5			
155										31.1	159	38.8			
160										26.2	150	37.3			
165										20.1	137	35.8			
176													37.0	150	28.4
180													34.8	146	27.8
185													30.4	138	26.7
190													25.3	128	25.8
195													18.9	115	24.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 135 ft luffing jib 94 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	237	81.2												
45	76.9	236	81.1												
50	74.7	235	80.7												
55				75.0	234	79.8									
55	72.5	233	79.7	74.8	234	79.8									
60	70.2	231	78.0	72.5	233	79.8									
65	67.9	229	76.2	70.3	231	78.2									
70	65.6	227	74.3	68.0	229	76.6									
75	63.2	225	72.7	65.7	227	74.5									
80	60.8	222	71.2	63.3	224	72.9									
85	58.3	219	69.3	60.8	222	71.4									
86							67.0	225	72.5						
90	55.7	216	67.7	58.3	218	69.7	64.9	223	72.5						
95	53.1	212	66.3	55.8	215	68.2	62.5	221	71.6						
100	50.3	208	64.2	53.1	211	66.9	60.1	218	69.8						
105	47.5	203	60.6	50.4	207	64.5	57.6	215	67.6						
110	44.4	198	57.2	47.5	203	61.3	55.0	211	63.8						
115	41.3	193	54.2	44.5	198	58.4	52.3	208	60.3						
120	37.8	186	51.4	41.3	192	55.7	49.5	203	57.2						
122										57.0	208	52.1			
125	34.1	179	48.7	37.9	186	53.3	46.6	199	54.4	55.6	206	50.7			
130	30.0	171	44.8	34.2	179	50.6	43.6	194	51.7	52.9	203	48.2			
135	25.3	161	41.0	30.1	171	46.6	40.3	188	49.3	50.2	199	46.0			
140	19.5	148	37.0	25.4	161	42.6	36.8	181	47.1	47.3	194	43.9			
145				19.6	148	38.5	33.0	174	45.0	44.3	189	42.0			
150							28.8	165	43.1	41.1	183	40.2			
155							23.8	155	41.3	37.6	177	38.5			
160							17.5	141	39.6	33.9	170	37.0			
165										29.8	162	35.5			
170										25.0	152	34.1			
175										20.6	142	32.9			
184													37.0	156	26.5
185													37.0	156	26.3
190													33.3	149	25.4
195													29.0	140	24.5
200													24.1	130	23.6
205													17.9	116	22.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 144 ft luffing jib 94 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	246	70.3												
45	77.8	246	70.3												
50	75.8	245	70.1												
55	73.7	244	69.8												
57				75.0	244	69.2									
60	71.6	242	68.6	73.8	243	69.2									
65	69.5	240	67.4	71.7	241	68.9									
70	67.4	238	65.8	69.6	240	67.4									
75	65.2	236	63.1	67.4	238	66.1									
80	63.0	233	62.0	65.2	235	63.4									
85	60.7	230	60.9	63.0	233	62.2									
89							67.0	235	62.0						
90	58.4	227	59.5	60.7	230	61.1	66.8	234	62.0						
95	56.0	224	58.2	58.4	227	59.8	64.6	232	62.0						
100	53.5	220	57.1	56.0	224	58.7	62.3	229	61.2						
105	51.0	216	56.1	53.6	220	57.7	60.0	226	60.0						
110	48.3	212	53.9	51.1	216	56.8	57.7	223	59.0						
115	45.6	207	51.4	48.4	212	54.7	55.3	220	57.8						
120	42.7	202	49.1	45.7	207	52.7	52.8	216	56.9						
125	39.6	196	47.0	42.8	202	50.8	50.3	212	54.0						
128										57.0	217	49.0			
130	36.3	189	45.2	39.7	196	49.1	47.6	208	51.4	55.9	215	47.8			
135	32.8	182	42.6	36.4	189	47.6	44.8	203	49.0	53.4	211	45.6			
140	28.8	173	39.4	32.9	182	44.7	41.9	197	46.8	50.8	207	43.5			
145	24.2	163	36.1	28.9	173	41.3	38.7	191	44.7	48.2	203	41.6			
150	20.0	153	27.8	24.3	163	37.9	35.4	184	42.8	45.4	198	39.8			
155				18.7	149	34.4	31.7	177	41.1	42.5	193	38.2			
160							27.6	167	39.4	39.5	187	36.6			
165							22.8	156	37.8	36.2	180	35.2			
170							16.6	142	35.8	32.6	173	33.8			
175										29.5	166	32.6			
180										25.1	156	31.3			
185										19.7	143	30.2			
192													37.0	162	24.5
195													35.6	159	24.1
200													31.9	152	23.2
205													27.8	143	22.4
210													23.1	132	21.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

94

154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 154 ft luffing jib 94 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	256	61.0												
50	76.7	255	60.8												
55	74.8	254	60.5												
60				75.0	254	59.9									
60	72.8	252	60.0	74.8	253	59.9									
65	70.9	251	59.1	72.9	252	59.9									
70	68.9	249	58.4	70.9	250	59.4									
75	66.9	247	57.4	68.9	248	58.5									
80	64.8	244	56.5	66.9	246	57.7									
85	62.7	242	55.7	64.9	244	56.7									
90	60.6	239	54.9	62.8	241	55.9									
93							67.0	244	55.4						
95	58.4	236	53.9	60.7	238	55.1	66.3	243	55.4						
100	56.2	233	52.9	58.5	235	54.2	64.2	240	55.4						
105	53.9	229	52.1	56.3	232	53.3	62.2	238	54.8						
110	51.6	225	51.4	54.0	229	52.6	60.0	235	54.0						
115	49.1	221	50.0	51.6	225	51.9	57.8	232	53.4						
120	46.6	216	48.1	49.2	220	50.5	55.6	228	52.5						
125	43.9	211	46.2	46.6	216	48.9	53.3	225	51.8						
130	41.1	205	44.5	44.0	211	47.4	50.9	221	51.2						
133										57.0	225	46.2			
135	38.2	199	43.0	41.2	205	46.0	48.4	216	48.8	56.1	223	45.3			
140	35.0	192	41.6	38.3	199	44.7	45.9	212	46.6	53.8	220	43.2			
145	31.5	184	38.8	35.1	192	43.3	43.2	206	44.5	51.4	216	41.3			
150	27.7	175	35.9	31.6	184	40.4	40.3	201	42.6	49.0	212	39.5			
155	24.3	167	26.9	27.8	175	37.4	37.3	194	40.9	46.4	207	37.9			
160	19.1	154	25.6	23.4	164	34.4	34.1	187	39.2	43.8	202	36.4			
165				19.3	154	27.3	30.5	179	37.6	41.0	196	34.9			
170							26.5	169	36.2	38.0	190	33.6			
175							21.8	158	34.8	35.6	185	32.3			
180							17.4	147	29.6	32.2	177	31.1			
185										28.4	168	30.0			
190										24.1	158	28.9			
195										18.8	144	27.9			
200													37.0	168	23.0
200													37.0	168	22.8
205													34.3	162	22.2
210													30.7	154	21.4
215													26.8	145	20.7
220													22.1	133	20.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 164 ft luffing jib 94 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	266	52.7												
50	77.5	265	52.7												
55	75.7	264	52.1												
60	73.9	263	51.8												
62				75.0	263	51.6									
65	72.1	261	51.5	74.0	262	51.6									
70	70.2	259	51.1	72.1	261	51.6									
75	68.3	257	50.7	70.3	259	51.2									
80	66.4	255	50.2	68.4	257	51.0									
85	64.5	253	49.8	66.5	255	50.5									
90	62.5	250	49.5	64.6	252	50.1									
95	60.5	247	48.9	62.6	250	49.7									
97							67.0	253	48.8						
100	58.5	244	48.3	60.6	247	49.2	65.9	251	48.8						
105	56.4	241	47.6	58.6	244	48.5	64.0	249	48.8						
110	54.3	238	47.1	56.5	241	47.9	62.0	246	48.4						
115	52.1	234	46.6	54.3	237	47.4	60.0	243	48.0						
120	49.8	229	45.9	52.1	233	46.9	57.9	240	47.7						
125	47.4	225	44.4	49.9	229	46.1	55.8	237	47.2						
130	45.0	220	43.0	47.5	225	44.8	53.7	233	46.7						
135	42.4	215	41.7	45.0	220	43.6	51.4	229	46.3						
138										57.0	233	43.5			
140	39.7	209	40.5	42.5	214	42.5	49.1	225	45.7	56.3	232	42.8			
145	36.9	202	39.4	39.8	208	41.5	46.8	221	44.2	54.2	228	40.9			
150	33.8	195	37.9	36.9	202	40.6	44.3	215	42.3	51.9	224	39.2			
155	30.4	187	35.3	33.9	195	38.9	41.7	210	40.5	49.7	220	37.5			
160	27.6	180	26.1	30.5	187	36.2	38.9	204	38.9	47.3	216	36.0			
165	23.4	169	24.7	26.8	177	33.6	36.0	197	37.3	44.8	211	34.5			
170	18.3	155	23.3	23.5	169	27.0	32.9	190	35.9	42.3	205	33.2			
175				18.5	155	25.3	29.4	181	34.5	40.2	201	32.0			
180							25.5	171	33.2	37.4	195	30.8			
185							22.1	162	28.5	34.3	187	29.7			
190							16.7	147	27.3	31.0	179	28.6			
195										27.4	170	27.6			
200										23.2	159	26.6			
205										18.0	145	25.7			
208													37.0	174	21.2
210													36.2	172	21.0
215													33.1	165	20.3
220													29.6	156	19.6
225													25.8	146	18.9
230													21.3	134	18.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 174 ft luffing jib 94 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	275	46.6												
55	76.5	274	46.4												
60	74.8	273	46.0												
65				75.0	273	45.6									
65	73.1	271	45.7		74.9	45.6									
70	71.4	270	45.3	73.2	271	45.6									
75	69.6	268	44.9	71.4	269	45.4									
80	67.9	266	44.5	69.7	267	45.1									
85	66.1	264	43.9	67.9	265	44.8									
90	64.2	261	43.5	66.1	263	44.2									
95	62.4	259	43.1	64.3	261	43.7									
100	60.5	256	42.6	62.4	258	43.4									
101							67.0	262	42.8						
105	58.6	253	41.9	60.5	255	42.8	65.5	260	42.8						
110	56.6	250	41.4	58.6	252	42.2	63.7	257	42.8						
115	54.6	246	40.9	56.6	249	41.6	61.8	255	42.3						
120	52.5	242	40.4	54.6	246	41.2	59.9	252	41.9						
125	50.4	238	40.0	52.6	242	40.7	58.0	249	41.5						
130	48.2	234	39.0	50.4	238	40.2	56.0	245	41.0						
135	45.9	229	38.1	48.2	233	39.4	54.0	242	40.6						
140	43.5	224	37.3	46.0	229	38.6	51.9	238	40.2						
144										57.0	241	38.9			
145	41.0	218	36.4	43.6	223	37.9	49.8	234	39.9	56.5	240	38.9			
150	38.4	212	35.7	41.1	218	37.2	47.6	229	39.1	54.5	237	38.8			
155	35.7	205	35.0	38.5	212	36.6	45.3	224	38.5	52.4	233	37.1			
160	32.7	198	33.3	35.7	205	36.0	42.9	219	37.8	50.3	229	35.6			
165	30.2	191	25.0	32.7	197	34.1	40.3	213	37.0	48.1	225	34.2			
170	26.6	182	23.7	30.3	191	27.7	37.7	207	35.6	46.3	221	32.9			
175	22.6	170	22.4	26.7	181	26.1	34.8	200	34.2	44.0	216	31.6			
180	17.6	156	21.0	22.7	170	24.6	32.5	194	31.0	41.5	210	30.4			
185				17.8	156	23.0	29.2	186	29.5	38.9	204	29.3			
190							25.6	176	28.0	36.2	197	28.2			
195							21.3	164	26.5	33.2	190	27.2			
200							16.0	148	25.0	30.0	182	26.3			
205										26.4	172	25.4			
210										22.3	161	24.5			
215										17.3	146	23.6			
215													37.0	180	19.7
220													35.0	175	19.2
225													32.0	167	18.5
230													28.6	158	17.9
235													24.9	148	17.3
240													20.5	136	16.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 184 ft luffing jib 94 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	285	40.5												
55	77.3	284	40.5												
60	75.7	283	40.1												
65	74.1	282	39.9												
67				75.0	282	39.7									
70	72.4	280	39.6	74.1	281	39.7									
75	70.8	278	39.2	72.5	280	39.7									
80	69.1	276	38.8	70.8	278	39.3									
85	67.4	274	38.2	69.1	276	38.8									
90	65.7	272	37.6	67.5	274	38.4									
95	64.0	270	37.1	65.8	272	37.8									
100	62.2	267	36.7	64.0	269	37.4									
105							67.0	271	36.9						
105	60.4	264	36.2	62.3	267	37.0	66.9	271	36.9						
110	58.6	261	35.6	60.5	264	36.5	65.2	268	36.8						
115	56.7	258	35.1	58.7	261	35.9	63.5	266	36.7						
120	54.8	255	34.7	56.8	258	35.4	61.7	263	36.3						
125	52.9	251	34.3	54.9	254	34.9	59.9	260	35.8						
130	50.9	247	33.9	52.9	250	34.5	58.1	257	35.4						
135	48.8	243	33.4	51.0	246	34.2	56.2	254	34.9						
140	47.2	239	29.3	48.9	242	33.7	54.3	250	34.5						
145	45.0	234	28.3	46.8	237	33.3	52.3	247	34.1						
149										57.0	250	33.2			
150	42.7	229	27.4	45.1	234	29.6	50.3	243	33.8	56.6	249	33.2			
155	40.4	223	26.6	42.8	228	29.1	48.3	238	33.4	54.7	245	33.2			
160	37.9	217	25.8	40.4	223	28.6	46.1	233	33.1	53.3	243	31.0			
165	35.2	210	25.0	37.9	216	28.1	44.4	229	30.1	51.3	239	30.8			
170	32.3	202	23.8	35.3	209	27.6	42.1	224	29.6	49.2	234	30.5			
175	29.2	193	22.5	32.4	202	26.2	39.7	218	29.2	47.1	230	30.3			
180	25.8	184	21.3	29.3	193	24.8	37.1	212	28.7	44.9	225	30.1			
185	21.8	172	20.0	25.9	183	23.5	34.4	205	28.0	42.6	219	29.0			
190	16.9	157	18.7	21.9	172	22.1	31.5	197	26.9	40.2	214	28.0			
195							28.3	188	25.9	37.7	207	27.0			
200							24.7	177	24.8	35.0	200	26.0			
205							20.6	165	23.6	32.2	193	25.1			
210										29.1	184	24.2			
215										25.6	174	23.4			
220										21.6	162	22.6			
223													37.0	186	18.3
225													36.7	185	18.3
230													33.9	178	17.6
235													31.0	170	17.0
240													27.7	161	16.5
245													24.0	150	15.9
250													19.7	137	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 94  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom 194 ft luffing jib 94 [ft] (2220), 194 [ft] (1311)</b>															
55	78.0	295	35.5												
55	77.9	294	35.5												
60	76.4	293	35.3												
65	74.9	292	35.0												
70				75.0	292	34.7									
70	73.3	290	34.8	74.9	291	34.7									
75	71.8	289	34.4	73.4	290	34.6									
80	70.2	287	34.1	71.8	288	34.5									
85	68.6	285	33.7	70.3	287	34.1									
90	67.0	283	33.2	68.7	285	33.7									
95	65.8	281	30.1	67.1	283	33.3									
100	64.1	279	29.7	65.8	281	30.2									
105	62.5	276	29.5	64.2	278	29.9									
109							67.0	280	29.7						
110	60.8	273	29.1	62.5	276	29.6	66.9	280	29.7						
115	59.1	271	28.6	60.8	273	29.2	65.3	277	29.7						
120	57.3	267	28.2	59.1	270	28.8	63.7	275	29.6						
125	55.5	264	27.8	57.3	267	28.4	62.0	272	29.3						
130	53.7	260	27.5	55.6	264	28.0	60.3	270	29.1						
135	51.8	256	27.2	53.7	260	27.7	58.6	267	28.9						
140	49.9	252	26.8	51.9	256	27.4	56.8	263	28.5						
145	47.9	248	26.1	49.9	252	27.1	55.0	260	28.2						
150	45.8	243	25.5	47.9	247	26.7	53.2	256	27.9						
154										57.0	258	28.9			
155	43.7	238	25.0	45.9	243	26.3	51.3	252	27.6	57.0	258	26.8			
160	41.5	232	24.4	43.8	237	25.9	49.3	248	27.3	55.4	255	26.8			
165	39.2	226	23.9	41.6	232	25.6	47.3	243	26.9	53.6	251	26.8			
170	36.8	220	23.5	39.3	226	25.3	45.3	238	26.6	51.7	247	26.5			
175	34.2	213	22.8	36.8	219	25.0	43.1	233	26.2	49.8	243	26.4			
180	31.4	205	21.7	34.2	212	24.3	40.9	228	25.9	47.8	239	26.2			
185	28.3	196	20.6	31.5	204	23.3	38.5	221	25.6	45.7	234	26.1			
190	25.0	185	19.5	28.4	195	22.2	36.0	215	25.4	43.6	229	25.9			
195	21.1	173	18.3	25.1	185	21.2	33.4	207	24.6	41.4	223	25.8			
200	16.3	158	17.2	21.2	173	20.2	30.6	199	23.7	39.1	217	25.7			
205							27.4	190	22.8	36.6	210	24.8			
210							23.9	179	22.0	34.0	203	23.9			
215							19.9	166	21.1	31.2	195	23.1			
220										28.2	186	22.3			
225										24.8	176	21.6			
230										20.9	164	20.8			
231													37.0	192	17.0
235													35.6	188	16.6
240													32.9	180	16.1
245													30.0	172	15.5
250													26.9	163	15.0
255													23.3	152	14.5
260													19.1	138	14.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]:  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]:

94

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>94 ft main boom                      203 ft luffing jib                      94 [ft] (2220), 203 [ft] (1311)</b>															
57	78.0	304	27.9												
60	77.4	304	27.9												
65	76.0	302	27.6												
70	74.5	301	27.4												
72				75.0	301	27.2									
75	73.0	300	27.2	74.6	301	27.2									
80	71.6	298	26.9	73.1	299	27.2									
85	70.1	296	26.6	71.6	297	27.0									
90	68.6	294	26.3	70.1	296	26.8									
95	67.0	292	26.0	68.6	294	26.5									
100	65.5	290	25.7	67.1	292	26.2									
105	63.9	287	25.4	65.5	289	25.9									
110	62.3	285	25.2	64.0	287	25.6									
113							67.0	289	25.4						
115	60.7	282	24.8	62.4	284	25.4	66.6	288	25.4						
120	59.1	279	24.5	60.8	282	25.1	65.0	286	25.4						
125	57.4	276	24.1	59.1	279	24.7	63.5	284	25.2						
130	55.7	272	23.8	57.5	275	24.4	61.9	281	24.9						
135	54.0	269	23.5	55.8	272	24.1	60.3	278	24.7						
140	52.2	265	23.3	54.0	268	23.8	58.6	275	24.5						
145	50.4	261	23.0	52.2	265	23.6	56.9	272	24.2						
150	48.5	257	22.8	50.4	261	23.4	55.2	268	23.9						
155	46.6	252	22.5	48.6	256	23.1	53.5	265	23.7						
160										57.0	266	24.5			
160	44.6	247	22.3	46.6	251	22.9	51.7	261	23.5	57.0	266	22.5			
165	42.5	241	22.0	44.6	246	22.7	49.9	257	23.3	55.6	263	22.5			
170	40.4	236	21.8	42.6	241	22.5	48.0	252	23.1	53.9	260	22.5			
175	38.1	229	21.6	40.4	235	22.3	46.0	247	22.9	52.1	256	22.3			
180	35.7	223	21.4	38.2	229	22.1	44.0	242	22.7	50.3	252	22.2			
185	33.2	215	20.7	35.8	222	21.9	41.9	237	22.5	48.4	247	22.1			
190	30.5	207	19.7	33.3	215	21.2	39.7	231	22.3	46.5	243	22.1			
195	27.5	198	18.7	30.6	207	20.5	37.5	224	22.2	44.5	238	21.9			
200	24.2	187	17.7	27.6	197	19.8	35.0	218	21.9	42.4	232	21.8			
205	20.4	175	16.7	24.3	187	19.1	32.5	210	21.2	40.2	226	21.8			
210				20.5	174	18.4	29.7	201	20.6	38.0	220	21.7			
215							26.6	192	19.9	35.6	213	21.6			
220							23.2	181	19.3	33.1	206	21.5			
225							19.2	167	18.6	30.3	197	21.2			
230										27.4	188	20.5			
235										24.0	177	19.8			
239													37.0	198	15.8
240										20.2	165	19.2	37.0	198	15.7
245													34.6	191	15.1
250													32.0	183	14.6
255													29.2	174	14.1
260													26.1	164	13.6
265													22.6	153	13.2
270													18.4	139	12.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>66 ft luffing jib</b> <b>104 [ft] (2220), 66 [ft] (1311)</b>															
29	78.0	179	188.7												
30	77.0	179	188.7												
35	72.4	177	187.8												
38				75.0	178	188.7									
40	67.7	175	184.6	73.0	177	188.6									
45	62.8	173	177.1	68.3	175	185.6									
50	57.7	170	161.9	63.5	173	173.4									
55	52.3	166	145.4	58.4	170	159.1									
60	46.3	161	131.3	53.0	166	143.8									
61							67.0	172	130.5						
65	39.7	156	111.8	47.1	162	131.5	63.3	170	125.6						
70	31.9	148	100.9	40.6	156	115.1	58.2	167	114.2						
75	21.4	137	81.0	33.0	149	105.6	52.8	163	104.6						
80				23.0	139	83.9	46.9	158	96.0						
85							40.4	153	89.3						
89										57.0	159	79.1			
90										55.8	159	77.9			
95										50.2	155	72.9			
100										44.0	150	68.4			
105										37.1	143	64.3			
110										28.6	135	60.7			
136													37.0	122	40.9
140													30.1	115	39.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbony counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 76 ft luffing jib 104 [ft] (2220), 75 [ft] (1311)</b>															
31	78.0	189	158.8												
35	74.8	188	158.8												
40	70.8	186	158.8												
40				75.0	187	158.8									
45	66.7	184	156.9	71.3	186	158.8									
50	62.4	181	153.3	67.2	184	158.0									
55	58.0	178	142.2	63.0	181	152.2									
60	53.3	175	131.1	58.5	178	142.1									
65	48.2	170	120.8	53.9	175	130.9									
65							67.0	181	119.9						
70	42.8	165	107.4	48.9	170	120.0	62.8	178	113.8						
75	36.6	159	94.0	43.5	165	109.3	58.4	175	104.3						
80	29.3	150	84.1	37.4	159	99.2	53.7	172	96.1						
85	19.5	139	70.9	30.3	151	87.6	48.7	167	89.1						
90				21.0	140	74.8	43.3	162	83.0						
94										57.0	168	73.2			
95										56.3	167	72.5			
100							37.2	156	77.6	51.5	163	68.0			
105							30.1	148	72.8	46.3	159	64.0			
110										40.6	153	60.4			
115										34.1	146	57.2			
120										26.2	137	54.2			
144													37.0	128	37.7
145													35.3	126	37.3
150													27.6	117	35.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom</b> <b>85 ft luffing jib</b> <b>104 [ft] (2220), 85 [ft] (1311)</b>															
33	78.0	198	149.0												
35	76.6	198	148.7												
40	73.1	196	147.1												
43				75.0	197	147.0									
45	69.5	195	144.9	73.6	196	146.9									
50	65.9	192	139.7	70.0	194	145.5									
55	62.1	190	135.1	66.3	192	141.5									
60	58.1	187	122.4	62.6	190	136.1									
65	54.0	183	116.5	58.7	187	123.4									
69							67.0	190	111.9						
70	49.7	179	110.7	54.6	183	117.4	66.2	189	111.9						
75	45.0	174	99.4	50.2	179	109.7	62.4	187	103.9						
80	39.9	168	86.1	45.6	174	101.1	58.5	184	95.8						
85	34.1	161	81.3	40.5	169	88.4	54.4	180	88.8						
90	27.2	152	71.3	34.9	162	84.5	50.1	176	82.7						
95	17.8	139	58.8	28.2	153	74.6	45.4	171	77.3						
100										57.0	176	68.0			
100				19.3	141	60.7	40.4	166	72.5	56.7	176	67.6			
105							34.7	159	68.3	52.5	172	63.7			
110							27.9	150	64.4	48.0	168	60.1			
115										43.2	162	56.9			
120										37.9	156	53.9			
125										31.8	149	51.2			
130										24.2	139	48.7			
152													37.0	134	34.8
155													32.8	128	33.8
160													27.4	121	32.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 95 ft luffing jib 104 [ft] (2220), 95 [ft] (1311)</b>															
35	78.0	208	130.9												
40	74.9	207	129.9												
45	71.7	205	128.4												
46				75.0	206	129.0									
50	68.5	203	125.0	72.1	205	128.9									
55	65.2	201	120.1	68.9	203	125.7									
60	61.8	198	116.5	65.6	201	121.4									
65	58.3	195	110.4	62.2	198	117.3									
70	54.6	192	104.8	58.7	195	111.3									
73							67.0	199	104.0						
75	50.8	188	100.3	55.1	192	105.2	65.5	198	103.7						
80	46.7	183	89.9	51.3	188	100.5	62.1	195	95.6						
85	42.3	178	82.6	47.2	183	90.6	58.6	192	88.6						
90	37.4	172	76.2	42.8	178	84.2	55.0	189	82.5						
95	32.0	164	69.5	38.1	172	78.6	51.1	185	77.1						
100	25.4	154	57.8	32.7	164	72.3	47.1	180	72.4						
105				26.3	155	59.1	42.7	175	68.1	57.0	184	63.5			
110				20.2	146	33.0	37.9	169	64.3	53.2	180	59.9			
115							32.5	161	60.9	49.3	176	56.7			
120							26.1	152	57.7	45.1	171	53.7			
125										40.6	166	51.1			
130										35.6	159	48.6			
135										29.8	151	46.4			
140										22.6	140	44.2			
159													37.0	140	32.4
160													37.0	140	32.1
165													32.2	133	31.0
170													25.7	123	29.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 105 ft luffing jib 104 [ft] (2220), 105 [ft] (1311)</b>															
37	78.0	218	116.1												
40	76.4	217	115.7												
45	73.5	215	114.6												
48				75.0	216	114.3									
50	70.6	214	112.3	73.9	215	114.3									
55	67.7	212	109.1	71.0	213	113.1									
60	64.7	209	105.0	68.1	211	109.7									
65	61.6	207	102.1	65.1	209	105.9									
70	58.4	204	97.7	62.0	207	102.9									
75	55.1	200	91.2	58.8	204	98.3									
77							67.0	208	97.2						
80	51.6	196	89.0	55.5	200	91.2	65.0	206	95.2						
85	48.0	192	83.8	52.1	196	88.7	61.9	204	88.3						
90	44.1	187	77.5	48.5	192	83.9	58.7	201	82.2						
95	40.0	181	71.7	44.6	187	78.3	55.4	197	76.8						
100	35.4	174	66.7	40.5	181	73.3	52.0	193	72.1						
105	30.2	166	60.0	36.0	175	69.0	48.3	189	67.8						
110	23.9	156	53.7	30.9	167	60.6	44.5	184	64.0						
110										57.0	192	59.2			
115				24.8	157	55.1	40.4	178	60.6	53.9	189	56.3			
120				18.8	147	33.0	35.8	172	57.5	50.3	185	53.4			
125							30.7	164	54.6	46.6	180	50.7			
130							24.5	154	52.0	42.7	175	48.3			
135										38.4	169	46.0			
140										33.6	162	44.0			
145										28.1	153	42.0			
150										21.2	141	40.2			
167													37.0	145	29.8
170													35.5	143	29.4
175													30.3	135	28.3
180													24.1	125	27.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 115 ft luffing jib 104 [ft] (2220), 115 [ft] (1311)</b>															
39	78.0	227	102.4												
40	77.6	227	102.4												
45	75.0	226	101.6												
50	72.4	224	100.3												
51				75.0	225	100.8									
55	69.7	222	98.3	72.7	224	100.7									
60	67.0	220	94.5	70.0	222	98.7									
65	64.2	218	91.7	67.3	220	95.3									
70	61.4	215	89.6	64.6	218	92.3									
75	58.5	212	86.3	61.8	215	90.2									
80	55.5	209	83.5	58.9	212	87.0									
81							67.0	217	88.7						
85	52.3	205	81.3	55.9	209	84.1	64.5	215	87.9						
90	49.1	201	77.7	52.8	205	81.7	61.7	212	81.8						
95	45.6	196	72.2	49.5	201	78.2	58.8	209	76.5						
100	41.9	191	67.1	46.1	196	73.1	55.8	206	71.7						
105	38.0	184	60.9	42.4	191	68.5	52.6	202	67.5						
110	33.6	177	58.7	38.5	185	62.8	49.4	198	63.7						
115	28.6	168	53.2	34.2	178	60.8	45.9	193	60.3						
116										57.0	201	55.4			
120	22.6	157	47.6	29.3	169	55.3	42.3	188	57.2	54.4	198	53.0			
125				23.4	159	49.8	38.3	182	54.3	51.2	194	50.3			
130				17.7	148	33.0	34.0	174	51.7	47.8	189	47.9			
135							29.1	166	49.3	44.3	184	45.7			
140							23.2	155	47.1	40.5	179	43.6			
145										36.4	172	41.7			
150										31.9	164	39.9			
155										26.6	155	38.3			
160										20.0	143	36.7			
175													37.0	151	27.6
180													33.7	146	26.8
185													28.8	137	25.8
190													22.8	126	24.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 125 ft luffing jib 104 [ft] (2220), 125 [ft] (1311)</b>															
41	78.0	237	90.6												
45	76.2	236	90.3												
50	73.8	235	89.7												
53				75.0	235	89.3									
55	71.4	233	88.1	74.1	234	89.3									
60	68.9	231	86.3	71.7	233	88.9									
65	66.4	229	83.9	69.2	231	86.6									
70	63.9	226	81.9	66.7	229	84.5									
75	61.2	224	80.3	64.2	226	82.4									
80	58.6	221	78.0	61.6	224	80.8									
84							67.0	226	81.4						
85	55.8	217	76.1	58.9	221	78.7	66.7	226	81.3						
90	52.9	214	74.4	56.2	217	76.9	64.1	223	81.2						
95	50.0	209	72.5	53.3	214	75.4	61.5	221	76.2						
100	46.8	205	67.7	50.3	209	73.5	58.8	218	71.5						
105	43.5	200	59.8	47.2	205	68.9	56.1	214	67.3						
110	40.0	194	57.5	44.0	200	60.8	53.2	211	63.5						
115	36.2	187	55.6	40.5	194	59.0	50.2	206	60.1						
120	32.0	180	51.9	36.7	188	57.4	47.1	202	57.0						
121									57.0	209	52.1				
125	27.2	171	47.2	32.6	180	53.8	43.9	197	54.1	54.8	206	50.1			
130	21.4	159	42.5	27.9	171	49.1	40.4	191	51.5	51.9	202	47.6			
135				22.2	160	44.4	36.6	185	49.1	48.9	198	45.4			
140							32.4	177	46.9	45.7	193	43.4			
145							27.7	168	44.9	42.3	188	41.5			
150							22.0	157	42.9	38.7	182	39.7			
155										34.8	175	38.1			
160										30.4	167	36.5			
165										25.3	157	35.1			
170										18.9	144	33.7			
183													37.0	157	25.8
185													36.3	156	25.6
190													32.2	149	24.7
195													27.4	139	23.8
200													21.6	128	22.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 135 ft luffing jib 104 [ft] (2220), 135 [ft] (1311)</b>															
43	78.0	247	79.1												
45	77.2	246	79.1												
50	75.0	245	78.6												
55	72.8	243	77.8												
56				75.0	244	77.8									
60	70.5	242	76.3	73.1	243	77.8									
65	68.2	240	74.7	70.8	241	76.8									
70	65.9	237	72.8	68.5	239	75.1									
75	63.5	235	71.2	66.2	237	73.3									
80	61.1	232	69.9	63.8	235	71.6									
85	58.6	229	68.1	61.4	232	70.4									
88															
90	56.1	226	66.5	59.0	229	68.7	67.0	235	70.7						
95	53.4	222	63.6	56.4	226	67.2	66.1	234	70.7						
100	50.7	218	63.1	53.8	222	65.9	63.8	232	70.6						
105	47.9	214	60.0	51.1	218	64.2	61.3	229	68.9						
110	44.9	209	56.7	48.2	214	61.3	58.9	226	66.9						
115	41.7	203	53.7	45.3	209	58.4	56.3	223	63.1						
120	38.3	197	51.0	42.1	203	55.8	53.7	219	59.7						
125	34.7	190	48.6	38.8	197	53.5	51.0	215	56.6						
126							48.1	211	53.8						
130	30.6	182	44.9	35.2	191	51.3	57.0	217	48.9						
135	26.0	172	41.2	31.2	183	47.4	66.1	234	70.7						
140	20.4	160	37.4	26.6	173	43.5	63.8	232	70.6						
145				21.2	161	39.5	61.3	229	68.9						
150							58.9	226	66.9						
155							56.3	223	63.1						
160							53.7	219	59.7						
165							51.0	215	56.6						
170							48.1	211	53.8						
175							45.2	206	51.2	57.0	217	48.9			
180							42.0	200	48.8	55.1	215	47.2			
191							38.7	194	46.6	52.5	211	45.0			
195							35.0	187	44.6	49.7	207	43.0			
200							31.0	179	42.7	46.8	202	41.1			
205							26.4	170	40.9	43.7	197	39.4			
210							20.9	158	39.2	40.5	191	37.7			
										37.0	185	36.2			
										33.3	178	34.8			
										29.0	169	33.4			
										25.3	161	32.2			
										19.5	148	31.0			
													37.0	163	23.9
													34.8	159	23.4
													30.8	151	22.6
													26.1	141	21.8
													20.6	129	21.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 144 ft luffing jib 104 [ft] (2220), 144 [ft] (1311)</b>															
45	78.0	256	69.6												
50	76.1	255	69.4												
55	74.0	254	69.2												
58				75.0	254	68.4									
60	71.9	252	68.2	74.3	253	68.4									
65	69.8	250	66.8	72.2	252	68.3									
70	67.7	248	64.4	70.1	250	67.0									
75	65.5	246	62.9	67.9	248	65.8									
80	63.3	243	61.7	65.8	246	63.3									
85	61.0	241	60.6	63.6	243	62.0									
90	58.7	238	59.2	61.3	240	61.0									
92							67.0	244	61.3						
95	56.3	234	57.9	59.0	237	59.7	65.7	243	61.2						
100	53.9	231	56.8	56.6	234	58.5	63.5	240	61.1						
105	51.3	227	55.8	54.2	231	57.5	61.2	237	60.0						
110	48.7	222	53.8	51.7	227	56.7	58.9	235	59.0						
115	46.0	218	51.2	49.1	223	55.0	56.5	231	57.9						
120	43.1	212	48.8	46.3	218	53.0	54.1	228	56.3						
125	40.1	207	46.7	43.5	213	51.2	51.6	224	53.4						
130	36.8	200	44.7	40.5	207	49.5	49.0	219	50.9						
132										57.0	225	46.0			
135	33.3	193	42.4	37.2	201	48.0	46.2	215	48.5	55.4	223	44.6			
140	29.4	184	39.5	33.8	193	45.7	43.4	210	46.3	53.0	219	42.6			
145	24.9	174	36.5	29.9	185	42.4	40.4	204	44.3	50.4	215	40.7			
150	19.4	161	33.4	25.5	175	39.0	37.1	197	42.4	47.7	211	39.0			
155				20.2	163	35.6	33.6	190	40.6	45.0	206	37.3			
160							29.8	182	39.0	42.0	201	35.8			
165							25.3	172	37.4	38.9	195	34.4			
170							20.0	159	36.0	35.6	188	33.1			
175										32.8	182	31.9			
180										28.8	173	30.7			
185										24.3	163	29.5			
190										18.6	150	28.5			
199													37.0	169	22.2
200													36.9	169	22.2
205													33.4	162	21.4
210													29.5	153	20.6
215													25.0	143	19.9
220													19.6	130	19.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 154 ft luffing jib 104 [ft] (2220), 154 [ft] (1311)</b>															
47	78.0	266	59.6												
50	77.0	265	59.5												
55	75.1	264	59.1												
60	73.1	262	58.6												
61				75.0	263	58.5									
65	71.1	261	57.9	73.4	262	58.5									
70	69.2	259	57.2	71.4	260	58.2									
75	67.2	257	56.3	69.4	258	57.4									
80	65.1	254	55.4	67.4	256	56.8									
85	63.0	252	54.7	65.4	254	55.8									
90	60.9	249	54.0	63.3	252	55.0									
95	58.7	246	53.0	61.2	249	54.4									
96							67.0	253	54.0						
100	56.5	243	52.1	59.0	246	53.4	65.3	251	54.0						
105	54.2	239	51.4	56.8	243	52.6	63.2	249	53.8						
110	51.9	235	50.7	54.5	239	51.8	61.1	246	53.1						
115	49.5	231	49.6	52.2	235	51.2	58.9	243	52.5						
120	46.9	227	47.7	49.8	231	50.2	56.7	240	51.8						
125	44.3	222	45.9	47.3	227	48.6	54.5	236	51.1						
130	41.5	216	44.2	44.6	222	47.2	52.1	232	50.5						
135	38.6	210	42.7	41.9	216	45.9	49.7	228	48.2						
137										57.0	234	43.5			
140	35.4	203	41.4	39.0	210	44.7	47.2	224	46.1	55.7	232	42.3			
145	32.0	195	38.9	35.9	203	43.6	44.6	219	44.0	53.4	228	40.4			
150	28.2	186	36.1	32.5	196	41.0	41.8	213	42.1	51.0	224	38.7			
155	23.9	176	33.3	28.8	187	38.0	38.9	207	40.4	48.6	220	37.1			
160	19.9	166	23.3	24.5	177	35.1	35.8	200	38.8	46.0	215	35.6			
165				20.6	167	25.4	32.4	193	37.2	43.3	210	34.1			
170							28.6	184	35.8	41.2	205	32.9			
175							24.3	174	34.4	38.2	199	31.6			
180							19.1	160	33.1	35.0	192	30.4			
185										31.6	184	29.3			
190										27.7	175	28.3			
195										23.3	165	27.2			
200										17.8	151	26.3			
207													37.0	175	20.7
210													35.6	172	20.4
215													32.2	164	19.7
220													28.4	155	19.0
225													24.0	145	18.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 164 ft luffing jib 104 [ft] (2220), 164 [ft] (1311)</b>															
49	78.0	275	52.2												
50	77.8	275	52.2												
55	76.0	274	51.8												
60	74.2	273	51.4												
63				75.0	273	51.2									
65	72.3	271	51.1	74.4	272	51.2									
70	70.5	269	50.7	72.6	271	51.2									
75	68.6	267	50.3	70.7	269	50.9									
80	66.7	265	49.8	68.8	267	50.7									
85	64.8	263	49.4	66.9	265	50.3									
90	62.8	260	49.0	65.0	263	49.8									
95	60.8	258	48.6	63.1	260	49.4									
100							67.0	262	48.0						
100	58.8	255	47.9	61.1	257	49.0	66.9	262	48.0						
105	56.7	251	47.4	59.0	254	48.3	65.0	260	48.0						
110	54.6	248	46.9	57.0	251	47.7	63.0	257	47.8						
115	52.4	244	46.4	54.8	248	47.2	61.0	254	47.5						
120	50.1	240	45.9	52.7	244	46.7	59.0	251	47.2						
125	47.8	235	44.5	50.4	240	46.1	56.9	248	46.9						
130	45.3	231	43.2	48.1	235	44.9	54.8	245	46.4						
135	42.8	225	42.0	45.6	231	43.8	52.6	241	46.1						
140	40.1	219	40.8	43.1	225	42.8	50.3	237	45.7						
143										57.0	242	41.0			
145	37.3	213	39.8	40.5	220	41.8	48.0	232	43.7	55.9	240	40.0			
150	34.2	206	38.6	37.6	213	41.0	45.6	228	41.8	53.8	237	38.3			
155	30.9	198	35.9	34.6	206	39.8	43.0	222	40.1	51.6	233	36.7			
160	27.2	189	33.3	31.3	198	37.2	40.4	217	38.4	49.3	228	35.2			
165	24.0	180	22.6	27.7	189	34.5	37.5	210	36.9	46.9	224	33.8			
170	19.1	167	21.8	24.6	181	25.3	34.5	203	35.5	45.0	220	32.5			
175				19.8	168	23.9	31.2	195	34.1	42.5	215	31.3			
180							28.5	188	29.7	39.8	209	30.1			
185							24.4	178	28.2	36.9	202	29.0			
190							19.6	165	26.7	33.8	195	27.9			
195										30.5	187	26.9			
200										26.7	177	26.0			
205										22.4	166	25.1			
214													37.0	181	19.3
215													37.0	181	19.2
220													34.3	175	18.6
225													31.0	167	18.0
230													27.3	157	17.3
235													23.1	146	16.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 174 ft luffing jib 104 [ft] (2220), 174 [ft] (1311)</b>															
51	78.0	285	45.5												
55	76.8	284	45.4												
60	75.1	283	45.0												
65	73.4	281	44.7												
66				75.0	282	44.6									
70	71.6	280	44.4	73.6	281	44.6									
75	69.9	278	44.0	71.8	279	44.5									
80	68.1	276	43.5	70.1	278	44.1									
85	66.3	274	43.0	68.3	276	43.8									
90	64.5	271	42.5	66.5	274	43.3									
95	62.6	269	42.1	64.7	271	42.9									
100	60.7	266	41.6	62.9	269	42.5									
104							67.0	271	41.7						
105	58.8	263	41.1	61.0	266	42.1	66.5	271	41.7						
110	56.9	260	40.5	59.1	263	41.4	64.7	268	41.6						
115	54.9	256	40.0	57.1	260	40.9	62.8	266	41.4						
120	52.8	253	39.6	55.1	256	40.4	60.9	263	41.0						
125	50.7	249	39.3	53.1	253	39.9	59.0	260	40.6						
130	48.5	244	38.5	51.0	249	39.5	57.0	257	40.2						
135	46.2	239	37.6	48.8	244	38.8	55.0	253	39.8						
140	43.9	234	36.9	46.5	240	38.1	53.0	250	39.4						
145	41.4	229	36.1	44.2	234	37.5	50.9	246	39.1						
148										57.0	250	37.7			
150	38.8	223	35.5	41.7	229	36.8	48.7	241	38.6	56.1	249	37.7			
155	36.0	216	34.8	39.1	223	36.3	46.4	237	37.9	54.1	245	36.3			
160	33.1	209	33.4	36.4	216	35.8	44.1	231	37.3	52.0	241	34.8			
165	30.6	202	33.0	33.5	209	34.3	41.6	226	36.6	49.9	237	33.4			
170	27.2	193	31.8	31.1	203	32.0	39.1	220	35.2	48.2	234	32.1			
175	23.2	182	29.7	27.6	194	29.6	36.3	213	33.8	45.9	229	30.9			
180	18.4	168	26.6	23.7	183	26.6	34.1	208	30.4	43.6	224	29.7			
185				19.1	170	24.6	31.0	200	28.8	41.1	218	28.6			
190							27.5	190	27.3	38.5	212	27.6			
195							23.6	180	25.7	35.7	205	26.6			
200							18.9	166	24.1	32.7	198	25.6			
205										29.4	189	24.7			
210										25.8	179	23.9			
215										21.6	167	23.1			
222													37.0	187	17.7
225													36.1	185	17.5
230													33.2	177	16.9
235													30.0	169	16.4
240													26.4	159	15.8
245													22.3	148	15.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 184 ft luffing jib 104 [ft] (2220), 184 [ft] (1311)</b>															
53	78.0	295	40.0												
55	77.5	294	40.0												
60	75.9	293	39.8												
65	74.3	292	39.6												
68				75.0	292	39.3									
70	72.6	290	39.3	74.5	291	39.3									
75	71.0	288	38.9	72.9	290	39.3									
80	69.3	287	38.5	71.2	288	39.0									
85	67.6	285	37.9	69.5	286	38.5									
90	65.9	282	37.3	67.9	284	38.1									
95	64.2	280	36.8	66.2	282	37.6									
100	62.5	277	36.4	64.4	280	37.2									
105	60.7	275	36.0	62.7	277	36.9									
107							67.0	280	36.5						
110	58.9	272	35.4	60.9	274	36.4	66.1	279	36.5						
115	57.0	268	34.9	59.1	271	35.8	64.4	277	36.5						
120	55.1	265	34.5	57.2	268	35.3	62.6	274	36.2						
125	53.2	261	34.1	55.4	265	34.8	60.8	271	35.7						
130	51.2	257	33.8	53.4	261	34.4	59.0	268	35.3						
135	49.1	253	33.3	51.4	257	34.0	57.2	265	34.8						
140	47.5	249	29.0	49.4	253	33.7	55.3	262	34.3						
145	45.3	245	27.9	47.3	248	33.3	53.4	258	33.9						
150	43.1	239	27.0	45.6	245	29.3	51.4	254	33.6						
153										57.0	258	30.5			
155	40.7	234	26.0	43.4	239	28.8	49.3	250	33.3	56.8	258	30.5			
160	38.2	227	25.2	41.0	234	28.2	47.7	246	30.6	54.9	255	30.5			
165	35.6	221	24.4	38.5	228	27.8	45.5	242	30.1	52.9	251	30.4			
170	32.7	213	23.1	35.9	221	27.3	43.3	236	29.6	50.9	247	30.1			
175	29.7	205	21.8	33.1	213	25.9	40.9	231	29.1	48.9	242	29.9			
180	26.3	195	20.4	30.1	205	24.3	38.4	225	28.7	46.7	238	29.4			
185	22.4	183	19.1	26.7	196	22.8	35.8	218	28.4	44.5	233	28.3			
190	17.7	169	17.7	22.9	184	21.2	33.0	210	27.1	42.2	227	27.3			
195				18.4	171	19.6	30.0	202	25.8	39.8	222	26.3			
200							26.6	192	24.5	37.3	215	25.4			
205							22.8	181	23.1	34.6	208	24.5			
210										31.7	200	23.6			
215										28.5	191	22.8			
220										24.9	181	22.1			
225										20.8	169	21.3			
230													37.0	193	16.5
235													35.0	188	16.1
240													32.2	180	15.5
245													29.0	171	15.0
250													25.5	161	14.5
255													21.5	149	14.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 104  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 194 ft luffing jib 104 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	304	34.6												
60	76.6	303	34.5												
65	75.1	302	34.2												
70	73.6	300	34.0												
71				75.0	301	33.8									
75	72.0	299	33.7	73.8	300	33.8									
80	70.4	297	33.3	72.2	299	33.8									
85	69.2	296	30.3	70.6	297	33.4									
90	67.6	294	29.9	69.4	295	30.3									
95	66.0	291	29.5	67.8	293	30.1									
100	64.4	289	29.2	66.2	291	29.7									
105	62.7	286	28.9	64.6	289	29.4									
110	61.0	284	28.6	62.9	286	29.1									
111							67.0	289	29.1						
115	59.3	281	28.1	61.2	284	28.8	66.2	288	29.1						
120	57.5	278	27.7	59.5	281	28.3	64.5	286	29.1						
125	55.8	274	27.3	57.8	277	27.9	62.9	283	28.8						
130	53.9	271	26.9	56.0	274	27.5	61.2	281	28.6						
135	52.1	267	26.6	54.2	271	27.2	59.5	278	28.4						
140	50.1	263	26.3	52.3	267	26.9	57.7	274	28.1						
145	48.2	258	25.6	50.4	263	26.6	55.9	271	27.7						
150	46.1	253	25.0	48.4	258	26.1	54.1	268	27.3						
155	44.0	248	24.4	46.4	254	25.8	52.2	264	27.0						
159										57.0	267	25.8			
160	41.8	243	23.9	44.3	249	25.4	50.3	260	26.8	56.9	267	25.8			
165	39.5	237	23.3	42.1	243	25.0	48.4	255	26.4	55.1	263	25.8			
170	37.1	230	22.9	39.8	237	24.7	46.3	251	26.1	53.3	259	25.7			
175	34.5	223	22.3	37.4	231	24.4	44.2	245	25.8	51.4	255	25.5			
180	31.8	216	21.0	34.9	224	23.9	42.0	240	25.4	49.4	251	25.3			
185	28.8	207	19.8	32.1	216	22.8	39.7	234	25.2	47.4	247	25.2			
190	25.5	197	18.5	29.2	207	21.7	37.3	228	24.9	45.4	242	25.1			
195	21.7	185	17.2	25.9	198	20.6	34.8	221	24.4	43.2	237	25.0			
200	17.0	170	15.9	22.2	186	19.5	32.0	213	23.3	41.0	231	24.8			
205				17.7	172	18.4	29.1	204	22.3	38.7	225	24.1			
210							25.8	194	21.2	36.2	218	23.3			
215							22.0	183	20.2	33.6	211	22.5			
220										30.7	203	21.7			
225										27.6	193	21.0			
230										24.2	183	20.3			
235										20.1	170	19.6			
238													37.0	199	15.2
240													36.6	198	15.1
245													34.0	190	14.6
250													31.2	182	14.1
255													28.1	173	13.6
260													24.7	163	13.2
265													20.8	151	12.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

104

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>104 ft main boom 203 ft luffing jib 104 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	314	27.6												
60	77.6	314	27.6												
65	76.2	312	27.4												
70	74.7	311	27.2												
74				75.0	311	27.0									
75	73.2	310	27.0	74.9	311	27.0									
80	71.8	308	26.8	73.4	309	26.9									
85	70.3	306	26.5	72.0	308	26.8									
90	68.8	304	26.3	70.5	306	26.6									
95	67.2	302	25.9	69.0	304	26.5									
100	65.7	300	25.6	67.4	302	26.2									
105	64.1	298	25.4	65.9	300	25.9									
110	62.5	295	25.1	64.3	297	25.6									
115	60.9	292	24.8	62.7	295	25.4									
115							67.0	298	25.2						
120	59.3	289	24.4	61.1	292	25.1	65.8	297	25.2						
125	57.6	286	24.1	59.5	289	24.7	64.3	294	25.2						
130	55.9	283	23.8	57.9	286	24.4	62.7	292	24.8						
135	54.2	279	23.5	56.2	283	24.1	61.1	289	24.6						
140	52.4	275	23.2	54.4	279	23.8	59.5	286	24.5						
145	50.6	271	23.0	52.7	275	23.5	57.8	283	24.3						
150	48.8	267	22.7	50.9	271	23.3	56.1	280	23.9						
155	46.8	262	22.4	49.0	267	23.0	54.4	276	23.7						
160	44.9	257	22.1	47.1	262	22.8	52.6	272	23.4						
164										57.0	275	24.2			
165	42.8	252	21.9	45.1	257	22.6	50.8	268	23.2	57.0	275	21.9			
170	40.7	246	21.6	43.1	252	22.3	48.9	264	23.0	55.3	272	21.9			
175	38.4	240	21.4	40.9	247	22.1	47.0	259	22.8	53.6	268	21.8			
180	36.1	233	21.2	38.7	240	21.9	45.1	254	22.6	51.8	264	21.6			
185	33.6	226	20.5	36.4	234	21.8	43.0	249	22.4	50.0	260	21.6			
190	30.9	218	19.3	33.9	227	21.2	40.9	243	22.2	48.1	255	21.5			
195	27.9	209	18.1	31.2	218	20.5	38.6	237	22.0	46.1	251	21.4			
200	24.7	198	16.9	28.3	210	19.7	36.3	231	21.9	44.1	246	21.3			
205	21.0	186	15.7	25.1	199	19.0	33.8	223	21.2	42.0	240	21.3			
210				21.5	187	18.2	31.1	215	20.3	39.9	234	21.2			
215				17.1	173	17.5	28.2	206	19.5	37.6	228	21.1			
220							25.0	196	18.7	35.2	221	21.1			
225							21.4	184	17.8	32.6	213	20.6			
230										29.9	205	20.0			
235										26.8	195	19.3			
240										23.4	184	18.6			
245										19.5	171	18.0			
246													37.0	205	14.0
250													35.6	201	13.7
255													33.0	193	13.2
260														185	12.8
265														175	12.3
270														165	11.9
275														152	11.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>66 ft luffing jib</b> <b>114 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	189	158.8												
30	77.6	189	158.8												
35	73.1	187	158.8												
39				75.0	187	158.8									
40	68.4	185	158.8	74.1	187	158.8									
45	63.5	183	158.8	69.5	185	158.8									
50	58.4	180	152.9	64.7	183	158.8									
55	53.0	176	144.4	59.6	180	154.0									
60	47.2	172	132.4	54.3	177	141.5									
64							67.0	181	121.5						
65	40.7	166	113.2	48.6	172	130.9	65.8	180	121.5						
70	33.0	159	103.5	42.2	167	116.3	60.8	178	113.1						
75	23.2	149	83.1	34.9	160	108.9	55.6	174	103.6						
80				25.8	151	86.8	50.0	170	95.5						
85							43.8	165	88.5						
90							36.8	159	82.4						
93										57.0	168	73.4			
95										54.9	167	71.5			
100							28.2	151	77.0	49.2	163	67.1			
105										42.9	158	63.2			
110										35.8	151	59.6			
115										26.9	142	56.4			
143													37.0	129	36.9
145													33.5	125	36.2
150													23.8	115	34.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 76 ft luffing jib 114 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	199	158.8												
35	75.3	198	158.8												
40	71.3	196	158.7												
42				75.0	197	158.8									
45	67.2	194	156.9	72.3	196	158.8									
50	63.0	192	151.5	68.2	194	158.6									
55	58.6	189	142.3	64.0	192	150.9									
60	53.9	185	131.8	59.6	189	141.9									
65	49.0	181	122.6	55.0	185	130.2									
68							67.0	190	113.5						
70	43.5	176	109.8	50.1	181	119.6	65.0	189	112.8						
75	37.5	169	98.7	44.8	176	109.6	60.7	186	103.3						
80	30.4	162	87.3	39.0	170	101.0	56.1	183	95.2						
85	21.1	150	74.2	32.2	163	91.3	51.3	179	88.3						
90				23.6	153	79.0	46.1	174	82.2						
95							40.4	169	76.8						
98										57.0	177	68.1			
100							33.9	162	72.1	55.5	175	66.7			
105							25.8	152	67.8	50.7	171	62.8			
110										45.4	167	59.3			
115										39.6	161	56.1			
120										32.9	154	53.2			
125										24.6	144	50.5			
151													37.0	135	34.0
155													32.6	130	32.8
160													24.1	120	31.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom</b> <b>85 ft luffing jib</b> <b>114 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	208	143.4												
35	77.1	208	143.4												
40	73.6	206	141.8												
44				75.0	206	141.5									
45	70.0	205	139.8	74.4	206	141.5									
50	66.4	203	136.5	70.8	205	140.9									
55	62.6	200	132.9	67.2	202	138.5									
60	58.7	197	123.0	63.5	200	133.5									
65	54.6	194	116.3	59.6	197	124.5									
70	50.3	189	111.0	55.6	194	116.6									
72							67.0	199	105.4						
75	45.6	185	100.4	51.3	190	109.4	64.4	197	102.9						
80	40.6	179	87.0	46.7	185	100.8	60.5	195	94.9						
85	34.9	172	82.9	41.8	180	89.4	56.5	191	87.9						
90	28.2	164	73.2	36.3	173	86.2	52.3	188	81.9						
95	19.4	152	59.6	29.9	165	77.4	47.8	183	76.5						
100				21.8	154	67.3	43.0	178	71.8						
104										57.0	185	63.3			
105										56.0	184	62.4			
110										51.8	180	58.9			
115							23.9	154	60.3	47.2	176	55.7			
120										42.3	170	52.9			
125										36.9	164	50.2			
130										30.6	156	47.8			
135										22.7	145	45.5			
159													37.0	141	31.2
160													36.6	140	31.1
165													30.3	132	29.9
170													22.3	121	28.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 95 ft luffing jib 114 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	218	127.2												
40	75.3	217	126.6												
45	72.2	215	125.3												
47				75.0	216	125.7									
50	69.0	213	123.4	72.9	215	125.6									
55	65.7	211	119.4	69.7	213	124.0									
60	62.3	208	116.2	66.4	211	120.9									
65	58.8	205	111.0	63.1	208	117.2									
70	55.1	202	105.4	59.6	206	112.4									
75	51.3	198	101.1	56.0	202	105.9									
75							67.0	208	98.7						
80	47.2	194	91.4	52.2	199	100.7	63.9	206	94.7						
85	42.9	188	84.3	48.2	194	92.7	60.4	203	87.7						
90	38.1	182	78.1	43.9	189	86.4	56.8	200	81.7						
95	32.8	175	71.9	39.3	183	80.8	53.1	196	76.4						
100	26.4	166	59.0	34.1	176	75.4	49.2	192	71.7						
105				28.0	167	67.4	45.0	187	67.5						
109										57.0	193	59.2			
110				20.2	156	56.6	40.4	182	63.7	56.4	192	58.7			
115							35.4	175	60.2	52.6	189	55.5			
120							29.5	167	57.1	48.6	184	52.7			
125							22.3	156	54.3	44.4	179	50.0			
130										39.8	174	47.6			
135										34.6	167	45.4			
140										28.7	158	43.4			
145										21.2	147	41.4			
166													37.0	146	29.1
170													34.4	143	28.5
175													28.4	134	27.4
180													20.7	123	26.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 105 ft luffing jib 114 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	227	112.0												
40	76.7	227	111.9												
45	73.9	226	110.9												
49				75.0	226	110.4									
50	71.0	224	109.4	74.6	225	110.4									
55	68.1	222	107.0	71.7	224	110.2									
60	65.1	220	103.1	68.8	222	107.5									
65	62.0	217	100.3	65.8	220	104.3									
70	58.8	214	94.4	62.7	217	101.3									
75	55.5	211	91.3	59.6	214	97.8									
79							67.0	217	91.8						
80	52.1	207	88.8	56.3	211	91.5	66.5	217	91.8						
85	48.5	202	84.5	52.9	207	88.7	63.5	214	87.3						
90	44.7	198	78.3	49.4	203	85.0	60.3	212	81.3						
95	40.5	192	72.6	45.6	198	79.5	57.1	208	76.0						
100	36.0	185	67.6	41.5	193	74.5	53.7	205	71.3						
105	30.9	177	59.0	37.1	186	70.1	50.2	201	67.1						
110	24.8	167	53.6	32.2	179	61.7	46.5	196	63.4						
115										57.0	201	55.4			
115				26.4	169	56.4	42.5	191	60.0	56.7	201	55.1			
120				18.9	157	51.0	38.2	185	56.9	53.3	197	52.2			
125							33.4	177	54.0	49.7	193	49.6			
130							27.8	169	51.4	46.0	188	47.3			
135							20.9	157	49.0	42.0	183	45.1			
140										37.6	177	43.0			
145										32.7	169	41.2			
150										27.0	160	39.4			
155										21.7	151	33.0			
174													37.0	152	27.1
175													37.0	152	26.9
180													32.5	145	26.0
185													26.7	136	25.0
190													19.4	124	24.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 115 ft luffing jib 114 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	237	100.2												
40	77.9	237	100.2												
45	75.3	236	99.6												
50	72.7	234	98.7												
52				75.0	235	98.8									
55	70.1	232	97.2	73.3	234	98.7									
60	67.4	230	93.9	70.7	230	97.8									
65	64.6	228	91.1	68.0	230	94.8									
70	61.8	225	89.1	65.3	228	92.1									
75	58.9	222	86.2	62.5	225	89.9									
80	55.9	219	83.6	59.6	223	87.3									
83							67.0	226	85.6						
85	52.8	215	81.4	56.6	219	84.4	65.9	225	85.5						
90	49.5	211	78.7	53.5	216	82.0	63.1	223	80.9						
95	46.1	206	73.3	50.3	212	79.5	60.3	220	75.6						
100	42.5	201	68.4	46.9	207	74.6	57.3	217	71.0						
105	38.5	195	59.3	43.3	202	70.1	54.2	213	66.8						
110	34.2	188	57.4	39.5	196	66.0	51.1	209	63.0						
115	29.3	180	52.8	35.2	189	62.1	47.7	205	59.6						
120										57.0	210	51.9			
120	23.5	169	48.1	30.5	181	56.9	44.2	200	56.5	56.9	209	51.8			
125				24.9	171	51.6	40.4	194	53.7	53.8	206	49.2			
130				17.7	158	46.2	36.3	188	51.1	50.6	202	46.9			
135							31.7	180	48.8	47.3	197	44.7			
140							26.4	171	46.6	43.7	192	42.7			
145							21.4	161	33.0	39.9	186	40.8			
150										35.7	180	39.1			
155										31.0	172	37.4			
160										25.6	162	35.9			
165										20.5	153	33.0			
182													37.0	158	24.9
185													35.5	156	24.6
190													30.8	148	23.7
195													25.3	138	22.9
200													18.2	125	22.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 125 ft luffing jib 114 [ft] (2220), 125 [ft] (1311)</b>															
42	78.0	247	87.9												
45	76.5	246	87.7												
50	74.1	245	87.1												
54				75.0	245	86.6									
55	71.7	243	86.0	74.7	244	86.6									
60	69.3	241	84.7	72.3	243	86.5									
65	66.8	239	82.5	69.8	241	85.1									
70	64.2	237	80.5	67.3	239	83.4									
75	61.6	234	79.1	64.8	237	81.2									
80	58.9	231	77.0	62.2	234	79.6									
85	56.2	228	75.1	59.6	231	77.9									
87							67.0	235	78.9						
90	53.3	224	73.5	56.8	228	76.1	65.4	234	78.9						
95	50.4	220	72.0	54.0	224	74.6	62.8	231	75.4						
100	47.3	215	67.7	51.1	220	73.4	60.2	229	70.7						
105	44.0	210	58.8	48.0	216	69.3	57.5	225	66.5						
110	40.5	205	55.9	44.8	211	60.9	54.7	222	62.8						
115	36.8	198	53.4	41.3	205	58.9	51.8	218	59.4						
120	32.6	191	50.3	37.7	199	57.0	48.7	214	56.3						
125	27.9	182	46.4	33.6	192	54.2	45.5	209	53.5						
125										57.0	218	48.9			
130	22.3	171	42.5	29.1	183	49.9	42.2	204	51.0	54.3	214	46.6			
135				23.7	173	45.5	38.5	198	48.6	51.4	211	44.4			
140				18.6	162	30.3	34.6	191	46.4	48.3	206	42.4			
145							30.2	182	44.4	45.1	201	40.6			
150							25.1	172	42.5	41.7	196	38.8			
155							20.3	163	32.8	38.1	190	37.2			
160										34.1	182	35.7			
165										29.6	174	34.3			
170										25.6	166	33.0			
175										19.4	154	31.7			
190													37.0	164	23.3
195													33.9	159	22.6
200													29.3	150	21.8
205													24.0	140	21.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 135 ft luffing jib 114 [ft] (2220), 135 [ft] (1311)</b>															
44	78.0	256	77.9												
45	77.5	256	77.9												
50	75.3	255	77.5												
55	73.1	253	76.9												
57				75.0	254	76.8									
60	70.8	252	75.8	73.6	253	76.7									
65	68.6	250	74.4	71.4	251	76.3									
70	66.2	247	72.6	69.1	250	74.8									
75	63.9	245	71.0	66.8	247	73.2									
80	61.5	242	69.9	64.4	245	71.6									
85	59.0	239	68.1	62.0	242	70.3									
90	56.4	236	66.5	59.6	240	68.8									
91							67.0	244	69.9						
95	53.8	233	62.5	57.0	236	67.4	65.0	242	69.8						
100	51.1	229	61.8	54.4	233	66.1	62.6	240	68.8						
105	48.3	224	59.0	51.7	229	63.6	60.1	237	66.2						
110	45.3	219	55.6	48.9	225	61.5	57.6	234	62.4						
115	42.1	214	52.5	46.0	220	58.6	55.0	231	59.0						
120	38.8	208	49.7	42.9	215	56.0	52.4	227	56.0						
125	35.2	201	47.2	39.6	209	53.6	49.6	223	53.2						
130	31.2	193	44.2	36.1	202	51.6	46.7	218	50.6						
131										57.0	226	45.9			
135	26.7	184	41.1	32.2	194	48.2	43.6	213	48.3	54.7	223	44.0			
140	21.2	172	38.0	27.8	185	44.6	40.4	207	46.1	52.0	219	42.0			
145				22.6	174	40.8	36.9	201	44.1	49.2	215	40.2			
150				17.6	163	27.4	33.1	193	42.2	46.3	210	38.4			
155							28.9	185	40.4	43.2	205	36.9			
160							23.9	174	38.8	40.0	199	35.4			
165							19.3	164	31.6	36.4	193	34.0			
170										33.5	187	32.7			
175										29.3	178	31.4			
180										24.5	168	30.3			
185										18.4	155	29.1			
198													37.0	170	21.6
200													36.3	169	21.4
205													32.4	161	20.7
210													28.0	152	19.9
215													22.9	141	19.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 144 ft luffing jib 114 [ft] (2220), 144 [ft] (1311)</b>															
46	78.0	266	68.0												
50	76.3	265	67.9												
55	74.3	264	67.6												
59				75.0	264	66.9									
60	72.2	262	66.8	74.8	263	66.9									
65	70.1	260	65.6	72.7	262	66.9									
70	68.0	258	63.1	70.6	260	65.9									
75	65.8	256	61.7	68.5	258	63.1									
80	63.6	254	60.5	66.3	256	61.7									
85	61.3	251	59.6	64.1	254	60.5									
90	59.0	248	58.2	61.8	251	59.5									
95							67.0	254	60.0						
95	56.6	245	57.0	59.5	248	58.3	66.8	253	60.0						
100	54.2	241	55.9	57.2	245	57.2	64.6	251	59.9						
105	51.7	237	55.0	54.8	241	56.2	62.4	248	59.4						
110	49.1	233	53.2	52.3	238	55.3	60.1	246	58.3						
115	46.4	228	50.3	49.7	233	54.1	57.8	242	57.4						
120	43.5	223	47.7	47.0	229	52.2	55.4	239	55.6						
125	40.5	217	45.2	44.2	224	50.5	52.9	235	52.8						
130	37.3	211	43.1	41.2	218	48.8	50.3	231	50.3						
135	33.8	204	41.0	38.0	212	47.4	47.6	227	47.9						
136										57.0	234	43.2			
140	29.9	195	38.5	34.6	205	45.7	44.9	222	45.8	55.0	232	41.6			
145	25.5	186	36.1	30.9	197	42.6	41.9	216	43.7	52.5	228	39.8			
150	20.3	173	33.7	26.6	187	39.5	38.8	210	41.9	50.0	224	38.0			
155				21.6	176	36.4	35.4	203	40.1	47.3	219	36.5			
160				16.7	164	24.3	31.8	196	38.5	44.5	214	35.0			
165							27.7	187	37.0	41.5	209	33.6			
170							22.9	176	35.5	39.1	204	32.3			
175							18.4	165	28.1	35.8	197	31.1			
180										32.2	190	29.9			
185										28.1	181	28.8			
190										23.4	170	27.8			
206													37.0	176	20.0
210													34.8	172	19.5
215													31.1	164	18.8
220													26.9	154	18.2
225													21.9	143	17.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 154 ft luffing jib 114 [ft] (2220), 154 [ft] (1311)</b>															
48	78.0	276	59.0												
50	77.2	275	59.0												
55	75.3	274	58.6												
60	73.4	272	58.2												
62				75.0	273	57.7									
65	71.4	271	57.7	73.8	272	57.7									
70	69.4	269	56.8	71.9	271	57.6									
75	67.4	267	55.9	69.9	269	56.8									
80	65.4	265	55.0	67.9	267	56.2									
85	63.3	262	54.2	65.9	264	55.3									
90	61.2	259	53.5	63.8	262	54.4									
95	59.0	256	52.5	61.7	259	53.8									
98							67.0	263	53.5						
100	56.8	253	51.6	59.5	256	52.9	66.3	262	53.5						
105	54.6	250	50.8	57.3	253	52.1	64.3	260	53.5						
110	52.2	246	50.1	55.1	250	51.3	62.2	257	53.1						
115	49.8	242	49.1	52.8	246	50.7	60.1	254	52.4						
120	47.3	237	47.2	50.4	242	49.9	57.9	251	51.8						
125	44.7	232	45.4	47.9	238	48.5	55.6	248	50.9						
130	41.9	227	43.7	45.3	233	47.2	53.3	244	50.0						
135	39.0	221	42.2	42.6	227	45.9	50.9	240	47.7						
140	35.9	214	40.8	39.7	221	44.8	48.5	236	45.5						
141										57.0	243	40.8			
145	32.5	206	38.7	36.6	215	43.7	45.9	231	43.5	55.3	240	39.5			
150	28.8	198	36.2	33.3	208	41.7	43.2	226	41.6	53.0	236	37.8			
155	24.5	187	33.7	29.7	199	38.9	40.4	220	39.9	50.6	232	36.2			
160	20.7	178	21.4	25.6	189	36.0	37.4	213	38.3	48.1	228	34.7			
165				20.7	177	33.1	34.1	206	36.8	45.6	223	33.3			
170				15.9	165	22.6	30.6	198	35.4	43.5	219	32.1			
175							26.6	189	34.0	40.7	213	30.8			
180							23.1	180	27.8	37.7	207	29.7			
185										34.5	200	28.6			
190										31.0	192	27.6			
195										27.0	183	26.6			
200										22.4	171	25.6			
214													37.0	182	18.6
215													36.8	182	18.6
220													33.5	174	17.9
225													29.9	166	17.3
230													25.8	156	16.7
235													21.0	144	16.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>114 ft main boom 164 ft luffing jib 114 [ft] (2220), 164 [ft] (1311)</b>															
50	78.0	285	51.0												
55	76.2	284	50.8												
60	74.4	283	50.5												
65				75.0	283	50.1									
65	72.6	281	50.2	74.8	282	50.1									
70	70.7	279	49.8	73.0	281	50.1									
75	68.9	277	49.4	71.2	279	49.9									
80	67.0	275	48.9	69.3	277	49.7									
85	65.0	273	48.4	67.4	275	49.4									
90	63.1	271	47.9	65.5	273	48.9									
95	61.1	268	47.5	63.5	271	48.5									
100	59.1	265	46.8	61.6	268	48.2									
102							67.0	272	47.1						
105	57.0	262	46.1	59.5	265	47.5	65.9	270	47.1						
110	54.9	258	45.6	57.5	262	46.9	64.0	268	47.1						
115	52.7	254	45.1	55.4	258	46.4	62.0	265	46.8						
120	50.4	250	44.6	53.2	255	46.0	60.0	263	46.4						
125	48.1	246	43.6	50.9	251	45.5	58.0	259	46.2						
130	45.7	241	42.5	48.6	246	44.5	55.9	256	45.8						
135	43.1	236	41.5	46.2	242	43.6	53.7	252	45.4						
140	40.5	230	40.6	43.7	236	42.6	51.5	249	45.1						
145	37.7	224	39.8	41.1	231	41.8	49.2	244	43.2						
147										57.0	251	38.5			
150	34.6	217	39.0	38.3	225	41.0	46.8	240	41.3	55.6	249	37.4			
155	31.4	209	36.5	35.4	218	40.3	44.3	235	39.6	53.4	245	35.8			
160	27.7	200	33.8	32.2	210	37.9	41.7	229	38.0	51.2	241	34.3			
165	24.6	192	20.3	28.6	201	35.3	39.0	223	36.5	49.4	238	33.0			
170	19.9	179	19.7	25.6	194	22.9	36.1	216	35.0	47.1	233	31.7			
175				21.1	182	22.0	32.9	209	33.7	44.6	228	30.5			
180							30.3	202	29.7	42.0	223	29.3			
185							26.6	193	28.0	39.3	217	28.2			
190							22.2	182	26.3	36.4	210	27.2			
195										33.3	203	26.2			
200										29.9	194	25.3			
205										26.0	185	24.4			
210										21.6	173	23.6			
221													37.0	188	17.2
225													35.5	185	16.9
230													32.3	177	16.3
235													28.8	168	15.8
240													24.9	158	15.2
245													20.2	145	14.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 174 ft luffing jib 114 [ft] (2220), 174 [ft] (1311)</b>															
52	78.0	295	45.1												
55	77.0	294	45.1												
60	75.3	293	44.8												
65	73.6	291	44.5												
67				75.0	292	44.3									
70	71.9	290	44.2	74.0	291	44.3									
75	70.1	288	43.8	72.3	290	44.3									
80	68.3	286	43.4	70.5	288	44.0									
85	66.6	284	42.9	68.8	286	43.7									
90	64.7	282	42.4	67.0	284	43.3									
95	62.9	279	42.0	65.2	282	42.8									
100	61.0	276	41.5	63.3	279	42.4									
105	59.1	273	40.9	61.4	276	42.1									
106							67.0	281	41.5						
110	57.1	270	40.3	59.5	273	41.5	65.6	279	41.5						
115	55.1	267	39.8	57.6	270	40.9	63.7	277	41.4						
120	53.1	263	39.4	55.6	267	40.4	61.9	274	41.1						
125	51.0	259	39.0	53.6	263	40.0	60.0	271	40.7						
130	48.8	255	38.4	51.5	259	39.6	58.0	268	40.3						
135	46.5	250	37.7	49.3	255	39.0	56.1	265	39.9						
140	44.2	245	37.0	47.1	250	38.4	54.0	261	39.5						
145	41.7	239	36.4	44.7	246	37.8	52.0	257	39.2						
150	39.2	233	35.8	42.3	240	37.2	49.8	253	39.0						
152										57.0	259	36.3			
155	36.4	227	35.2	39.8	234	36.6	47.6	248	38.2	55.8	257	35.4			
160	33.5	219	34.2	37.1	228	36.2	45.3	244	37.4	53.8	253	33.9			
165	31.1	213	32.2	34.2	221	35.2	42.9	238	36.1	52.2	250	32.6			
170	27.7	204	30.2	31.1	213	33.2	40.4	233	34.7	50.0	246	31.3			
175	23.8	193	28.2	28.5	206	32.2	37.7	226	33.4	47.8	242	30.1			
180	19.1	180	26.2	24.7	195	30.6	35.6	221	30.6	45.5	237	28.9			
185				20.3	183	28.4	32.6	213	28.9	43.1	232	27.9			
190							29.3	205	27.2	40.6	226	26.8			
195							25.6	195	25.5	38.0	220	25.9			
200							21.4	183	23.8	35.2	213	24.9			
205										32.2	205	24.1			
210										28.9	196	23.2			
215										25.1	186	22.4			
220										20.8	174	21.7			
229													37.0	194	15.9
230													37.0	194	15.8
235													34.4	187	15.3
240													31.3	179	14.8
245													27.9	170	14.3
250													24.0	160	13.8
255													19.4	147	13.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 184 ft luffing jib 114 [ft] (2220), 184 [ft] (1311)</b>															
54	78.0	305	39.2												
55	77.7	304	39.2												
60	76.1	303	39.0												
65	74.5	302	38.8												
70				75.0	302	38.5									
70	72.9	300	38.6	74.9	301	38.5									
75	71.2	299	38.2	73.2	300	38.5									
80	69.6	297	37.9	71.6	298	38.4									
85	67.9	295	37.4	69.9	297	38.0									
90	66.2	292	36.9	68.3	295	37.7									
95	64.5	290	36.4	66.6	292	37.2									
100	62.7	288	36.0	64.9	290	36.7									
105	60.9	285	35.6	63.1	288	36.4									
110							67.0	290	35.9						
110	59.1	282	35.0	61.3	285	36.0	67.0	290	35.9						
115	57.3	279	34.6	59.5	282	35.5	65.3	287	35.9						
120	55.4	275	34.1	57.7	279	34.9	63.5	285	35.8						
125	53.4	272	33.7	55.8	275	34.5	61.8	282	35.4						
130	51.5	268	33.4	53.9	272	34.1	60.0	279	34.9						
135	49.9	264	29.1	51.9	268	33.7	58.1	276	34.5						
140	47.8	260	27.9	49.9	264	33.4	56.3	273	34.1						
145	45.6	255	26.8	48.3	260	29.3	54.3	270	33.7						
150	43.4	250	25.7	46.1	256	28.6	52.4	266	33.3						
155	41.0	244	24.7	43.9	251	27.9	50.8	263	30.8						
157										57.0	267	30.1			
160	38.6	238	23.8	41.6	245	27.3	48.8	258	30.4	56.5	266	30.1			
165	35.9	231	23.0	39.1	239	26.7	46.7	254	29.9	54.5	263	30.1			
170	33.1	224	21.9	36.6	232	26.2	44.4	249	29.4	52.6	259	30.0			
175	30.1	216	20.6	33.8	225	25.0	42.1	243	29.0	50.6	255	29.8			
180	26.8	206	19.4	30.8	217	23.4	39.7	237	28.5	48.5	251	28.6			
185	23.0	195	18.1	27.6	208	21.8	37.2	231	28.2	46.4	246	27.6			
190	18.4	181	16.8	23.9	197	20.2	34.5	224	27.3	44.1	241	26.6			
195				19.5	184	18.6	31.6	216	25.8	41.8	235	25.6			
200							28.4	207	24.2	39.4	229	24.7			
205							24.8	197	22.6	36.8	223	23.8			
210							20.6	184	21.1	34.1	216	23.0			
215										31.2	208	22.2			
220										27.9	199	21.4			
225										24.3	188	20.7			
230										20.0	175	20.0			
237													37.0	200	14.7
240													36.1	197	14.5
245													33.3	190	14.0
250													30.3	182	13.5
255													27.0	172	13.1
260													23.2	161	12.6
265													18.7	148	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 114  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 194 ft luffing jib 114 [ft] (2220), 194 [ft] (1311)</b>															
56	78.0	314	34.5												
60	76.8	313	34.4												
65	75.3	312	34.1												
70	73.8	310	33.9												
72				75.0	311	33.7									
75	72.2	309	33.7	74.1	310	33.7									
80	70.6	307	33.3	72.6	309	33.7									
85	69.4	306	30.5	71.0	307	33.4									
90	67.8	304	30.1	69.8	306	30.5									
95	66.2	302	29.7	68.2	304	30.3									
100	64.6	299	29.3	66.6	301	29.9									
105	62.9	297	29.1	65.0	299	29.6									
110	61.2	294	28.7	63.3	297	29.3									
114							67.0	299	29.0						
115	59.5	291	28.2	61.6	294	29.0	67.0	299	29.0						
120	57.8	288	27.7	59.9	291	28.5	65.4	297	29.0						
125	56.0	285	27.2	58.2	288	28.0	63.7	294	29.0						
130	54.2	281	26.8	56.4	285	27.6	62.0	291	28.7						
135	52.3	277	26.5	54.6	281	27.2	60.3	289	28.4						
140	50.4	273	26.1	52.8	277	26.9	58.6	286	28.3						
145	48.4	269	25.3	50.9	273	26.6	56.8	282	27.9						
150	46.4	264	24.6	48.9	269	26.0	55.0	279	27.5						
155	44.3	259	23.9	46.9	264	25.5	53.2	275	27.2						
160	42.1	253	23.3	44.8	260	24.9	51.3	271	26.9						
163										57.0	276	26.0			
165	39.8	248	22.7	42.6	254	24.5	49.4	267	26.6	56.6	275	26.0			
170	37.4	241	22.1	40.4	248	24.0	47.4	262	26.3	54.8	271	26.0			
175	34.9	234	21.6	38.0	242	23.6	45.3	258	25.9	53.0	268	25.9			
180	32.2	226	20.4	35.5	235	23.2	43.2	252	25.6	51.1	264	25.7			
185	29.2	218	19.3	32.8	228	22.1	40.9	247	25.3	49.1	259	25.6			
190	25.9	208	18.1	29.9	219	21.0	38.6	241	25.0	47.1	255	25.5			
195	22.2	196	17.0	26.7	210	20.0	36.1	234	24.8	45.0	250	25.2			
200	17.7	182	15.8	23.1	199	18.9	33.5	226	23.9	42.9	245	24.3			
205				18.9	185	17.8	30.6	218	22.8	40.6	239	23.4			
210							27.5	209	21.7	38.3	233	22.6			
215							24.0	198	20.7	35.8	226	21.8			
220							20.0	186	19.6	33.1	218	21.1			
225										30.2	210	20.4			
230										27.1	201	19.7			
235										23.5	190	19.0			
240										19.4	177	18.4			
245													37.0	206	13.5
250													35.0	200	13.1
255													32.3	193	12.7
260													29.4	184	12.2
265													26.1	174	11.8
270													22.4	163	11.4
275													18.0	149	11.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

114

203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>114 ft main boom 203 ft luffing jib 114 [ft] (2220), 203 [ft] (1311)</b>															
58	78.0	324	27.5												
60	77.8	324	27.5												
65	76.4	322	27.3												
70	74.9	321	27.1												
75				75.0	321	28.9									
75	73.4	320	26.9	75.0	321	26.6									
80	72.0	318	26.7	73.8	319	26.6									
85	70.5	316	26.4	72.3	318	26.6									
90	69.0	314	26.2	70.8	316	26.3									
95	67.4	312	25.9	69.3	314	26.2									
100	65.9	310	25.6	67.8	312	26.0									
105	64.3	308	25.3	66.3	310	25.7									
110	62.8	305	25.1	64.7	308	25.4									
115	61.2	302	24.8	63.1	305	25.2									
118							67.0	308	24.7						
120	59.5	299	24.4	61.5	302	24.9	66.6	307	24.7						
125	57.9	296	24.0	59.9	300	24.5	65.1	305	24.7						
130	56.2	293	23.7	58.3	296	24.2	63.5	303	24.6						
135	54.5	289	23.4	56.6	293	23.9	61.9	300	24.4						
140	52.7	286	23.1	54.9	290	23.6	60.3	297	24.2						
145	50.9	282	22.9	53.1	286	23.3	58.6	294	24.1						
150	49.0	277	22.5	51.3	282	23.1	57.0	291	23.8						
155	47.1	273	22.2	49.5	278	22.7	55.3	287	23.5						
160	45.1	268	21.8	47.6	273	22.3	53.5	284	23.2						
165	43.1	263	21.5	45.6	268	21.9	51.7	280	23.0						
168										57.0	284	21.9			
170	41.0	257	21.2	43.6	263	21.5	49.9	276	22.9	56.7	283	21.9			
175	38.7	251	20.9	41.5	258	21.2	48.0	271	22.6	55.0	280	21.9			
180	36.4	244	20.6	39.3	252	20.9	46.1	266	22.4	53.3	276	21.8			
185	33.9	237	20.1	36.9	245	20.6	44.1	261	22.2	51.5	272	21.7			
190	31.3	229	19.1	34.5	238	20.2	42.0	256	22.0	49.7	268	21.6			
195	28.4	220	18.0	31.9	230	19.6	39.8	250	21.8	47.8	264	21.5			
200	25.2	210	16.9	29.1	222	19.0	37.5	244	21.6	45.8	259	21.4			
205	21.5	198	15.9	25.9	212	18.3	35.1	237	21.4	43.8	254	21.4			
210				22.4	200	17.7	32.5	229	20.7	41.7	248	21.3			
215				18.2	186	17.1	29.7	221	20.1	39.5	242	21.3			
220							26.7	211	19.5	37.2	236	20.7			
225							23.3	200	18.9	34.8	229	20.0			
230							19.3	187	18.3	32.2	221	19.3			
235										29.4	212	18.7			
240										26.3	203	18.1			
245										22.8	191	17.5			
250										18.7	178	16.9			
253													37.0	212	12.3
255													36.5	210	12.2
260													34.1	203	11.8
265													31.4	195	11.4
270													28.5	186	11.0
275													25.4	176	10.6
280													21.7	164	10.2
285													17.4	150	9.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>66 ft luffing jib</b> <b>123 [ft] (2220), 66 [ft] (1311)</b>															
30	78.0	198	158.8												
35	73.6	196	158.8												
40	69.0	195	158.8												
40				75.0	196	158.8									
45	64.1	192	158.0	70.5	195	158.8									
50	59.1	189	152.9	65.7	192	157.6									
55	53.7	186	143.8	60.8	190	154.0									
60	47.9	181	133.5	55.5	186	140.1									
65	41.5	176	114.4	49.9	182	130.0									
66							67.0	190	115.0						
70	34.1	169	106.0	43.7	177	117.6	63.2	188	112.2						
75	24.6	159	85.0	36.6	171	109.3	58.0	185	102.7						
80				28.0	162	89.3	52.6	181	94.7						
85				18.9	153	33.0	46.7	176	87.8						
90							40.1	171	81.7						
95							32.4	163	76.4						
97										57.0	176	68.8			
100										53.5	174	66.1			
105										47.7	170	62.2			
110										41.2	164	58.7			
115										33.7	157	55.5			
120										24.1	147	52.6			
149													37.0	135	33.8
150													35.6	134	33.5
155													28.9	127	32.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 76 ft luffing jib 123 [ft] (2220), 75 [ft] (1311)</b>															
32	78.0	207	156.3												
35	75.8	207	155.6												
40	71.8	205	153.5												
43				75.0	206	154.4									
45	67.8	203	150.9	73.1	205	154.3									
50	63.5	201	146.4	69.1	203	152.6									
55	59.1	198	139.2	64.9	201	146.5									
60	54.5	194	129.4	60.6	198	139.3									
65	49.6	190	122.3	56.0	195	122.6									
70							67.0	199	106.8						
70	44.2	185	109.7	51.2	191	119.0	66.9	199	106.8						
75	38.3	179	99.0	46.0	186	109.2	62.7	196	102.4						
80	31.4	172	88.4	40.3	181	100.7	58.2	193	94.4						
85	22.5	161	75.4	33.7	174	93.3	53.6	189	87.5						
90				25.7	164	81.5	48.6	185	81.5						
95				17.0	153	33.0	43.1	180	76.2						
100							37.0	174	71.5						
102										57.0	185	63.9			
105										54.3	183	61.8			
110							29.8	166	67.2	49.4	178	58.3			
115							20.2	154	63.4	44.0	173	55.2			
120										38.0	167	52.3			
125										31.1	160	49.7			
130										22.0	149	47.3			
157													37.0	141	31.0
160													34.4	138	30.5
165													26.5	129	29.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>85 ft luffing jib</b> <b>123 [ft] (2220), 85 [ft] (1311)</b>															
34	78.0	217	138.8												
35	77.5	217	138.8												
40	74.0	215	137.5												
45	70.5	214	135.7												
45				75.0	215	137.1									
50	66.8	212	133.5	71.6	214	136.9									
55	63.1	209	130.9	68.0	212	135.2									
60	59.2	206	123.8	64.3	209	131.3									
65	55.1	203	116.3	60.5	207	126.5									
70	50.8	199	110.7	56.4	203	116.8									
74							67.0	208	100.1						
75	46.2	194	101.3	52.2	200	109.0	66.1	207	100.1						
80	41.2	189	87.8	47.8	195	100.5	62.3	205	94.0						
85	35.7	182	83.7	42.9	190	90.4	58.4	202	87.1						
90	29.1	174	74.8	37.5	184	86.7	54.3	198	81.1						
95	20.7	162	60.2	31.4	176	79.9	49.9	194	75.9						
100				23.8	166	69.9	45.3	189	71.2						
105							40.2	183	67.0						
108										57.0	193	59.6			
110							34.5	177	63.2	54.9	191	57.9			
115							27.7	168	59.8	50.6	187	54.8			
120							18.5	155	56.7	46.0	182	52.0			
125										41.0	177	49.4			
130										35.4	170	47.0			
135										28.8	162	44.8			
140										20.3	150	42.7			
165													37.0	147	28.8
165													32.0	147	28.6
170													32.0	141	27.7
175													24.6	131	26.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 95 ft luffing jib 123 [ft] (2220), 95 [ft] (1311)</b>															
36	78.0	227	122.0												
40	75.7	226	121.4												
45	72.6	224	120.4												
48				75.0	225	120.4									
50	69.4	222	118.9	73.6	224	120.3									
55	66.1	220	115.8	70.4	222	119.5									
60	62.7	218	113.1	67.1	220	117.4									
65	59.2	215	108.9	63.8	218	114.1									
70	55.6	211	103.7	60.4	215	110.7									
75	51.8	207	99.7	56.8	212	104.3									
78							67.0	217	92.7						
80	47.8	203	92.1	53.0	208	99.2	65.4	216	92.7						
85	43.4	198	84.9	49.1	204	93.0	62.0	213	86.9						
90	38.7	192	78.4	44.9	199	86.6	58.5	210	80.9						
95	33.5	185	72.4	40.3	193	81.0	54.8	207	75.7						
100	27.3	176	59.6	35.2	187	76.0	51.0	203	71.0						
105				29.4	178	68.7	46.9	198	66.8						
110				22.1	167	57.3	42.5	193	63.1						
113										57.0	201	55.8			
115							37.7	187	59.7	55.4	200	54.6			
120							32.3	179	56.6	51.6	196	51.8			
125							25.9	170	53.8	47.6	191	49.2			
130							19.5	160	33.0	43.3	186	46.8			
135										38.5	180	44.7			
140										33.2	173	42.6			
145										27.0	164	40.8			
150										18.8	151	39.0			
173													37.0	153	26.7
175													35.8	151	26.4
180													30.0	143	25.4
185													22.9	132	24.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 105 ft luffing jib 123 [ft] (2220), 105 [ft] (1311)</b>															
38	78.0	236	108.7												
40	77.1	236	108.7												
45	74.3	235	107.8												
50	71.4	233	106.9												
50				75.0	234	107.2									
55	68.5	231	105.1	72.3	233	107.2									
60	65.5	229	101.6	69.4	231	105.6									
65	62.4	226	98.8	66.4	229	103.0									
70	59.2	223	94.6	63.4	226	100.0									
75	56.0	220	91.4	60.3	224	97.2									
80	52.5	216	88.7	57.0	220	92.1									
82							67.0	226	87.4						
85	49.0	212	85.1	53.7	217	88.9	64.9	224	86.5						
90	45.2	207	79.0	50.1	213	85.9	61.8	222	80.6						
95	41.1	201	73.4	46.4	208	80.5	58.6	219	75.3						
100	36.6	195	68.4	42.4	203	75.6	55.3	215	70.7						
105	31.6	187	57.8	38.1	197	71.2	51.8	211	66.5						
110	25.7	178	53.3	33.3	189	66.4	48.2	207	62.8						
115				27.7	180	57.4	44.4	202	59.4						
118										57.0	209	52.3			
120				20.7	169	52.3	40.2	196	56.3	55.8	208	51.3			
125							35.7	190	53.5	52.4	204	48.8			
130							30.5	181	50.9	48.8	200	46.4			
135							24.3	171	48.6	45.0	195	44.3			
140							18.2	161	33.0	40.9	190	42.3			
145										36.4	183	40.4			
150										31.4	175	38.7			
155										25.4	166	37.1			
160										17.5	152	35.6			
181															
185													37.0	159	24.7
190													33.8	154	24.1
195													28.3	145	23.2
195													21.5	134	22.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 115 ft luffing jib 123 [ft] (2220), 115 [ft] (1311)</b>															
40	78.0	246	95.8												
45	75.6	245	95.3												
50	73.0	243	94.6												
53				75.0	244	94.5									
55	70.4	242	93.4												
60	67.7	240	91.4	71.3	241	94.1									
65	65.0	237	88.8	68.6	240	92.2									
70	62.1	235	86.8	65.9	237	89.9									
75	59.3	232	84.5	63.1	235	87.8									
80	56.3	228	82.1	60.2	232	85.7									
85	53.2	225	80.1	57.2	229	83.1									
85							67.0	235	81.8						
90	49.9	221	78.1	54.2	225	80.8	64.4	233	80.2						
95	46.5	216	73.0	51.0	221	79.1	61.6	230	74.9						
100	42.9	211	68.2	47.7	217	74.6	58.7	227	70.3						
105	39.0	205	57.3	44.1	212	70.2	55.7	224	66.1						
110	34.8	198	55.1	40.3	206	66.3	52.5	220	62.4						
115	30.0	190	51.3	36.2	200	61.3	49.3	216	59.1						
120	24.3	179	47.4	31.6	192	57.2	45.8	211	56.0						
124										57.0	218	49.0			
125				26.2	182	52.2	42.2	206	53.2	56.1	217	48.3			
130				19.5	170	47.0	38.2	199	50.7	53.0	213	46.0			
135							33.9	192	48.3	49.8	209	43.9			
140							28.9	184	46.1	46.4	204	41.9			
145							23.0	173	44.1	42.8	199	40.1			
150							17.1	162	32.9	38.9	193	38.3			
155										34.6	186	36.8			
160										29.8	178	35.3			
165										24.0	167	33.8			
170										18.5	157	32.6			
188													37.0	165	22.9
190													36.6	164	22.8
195													32.0	156	22.0
200													26.8	147	21.2
205													20.3	135	20.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 125 ft luffing jib 123 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	256	85.6												
45	76.8	255	85.5												
50	74.4	254	84.9												
55	72.0	252	84.2												
55				75.0	253	84.4									
60	69.6	250	83.2	72.8	252	84.4									
65	67.1	248	81.4	70.4	250	83.7									
70	64.5	246	79.5	67.9	248	82.3									
75	61.9	243	78.0	65.4	246	80.3									
80	59.3	240	76.1	62.8	243	78.7									
85	56.5	237	74.3	60.1	240	77.2									
89							67.0	244	77.0						
90	53.7	233	72.7	57.4	237	75.4	66.6	244	76.9						
95	50.7	229	71.4	54.6	234	73.9	64.0	241	74.7						
100	47.7	225	67.7	51.7	230	72.7	61.4	239	70.0						
105	44.4	220	57.6	48.7	226	69.6	58.7	236	65.9						
110	41.0	214	54.4	45.5	221	65.7	56.0	232	62.2						
115	37.2	208	51.7	42.1	215	58.8	53.1	228	58.8						
120	33.1	200	48.9	38.5	209	56.8	50.1	224	55.8						
125	28.5	192	45.7	34.5	202	54.6	47.0	220	53.0						
129										57.0	226	46.2			
130	23.1	181	42.4	30.1	194	50.5	43.7	215	50.4	56.4	225	45.7			
135				25.0	184	46.3	40.2	209	48.1	53.6	222	43.6			
140				18.5	171	42.1	36.5	202	45.9	50.6	217	41.6			
145							32.3	195	43.9	47.5	213	39.8			
150							27.5	186	42.1	44.3	208	38.1			
155							21.8	174	40.3	40.8	202	36.5			
160										37.1	196	35.0			
165										33.0	189	33.7			
170										29.5	182	32.4			
175										24.2	172	31.2			
180										17.4	158	30.0			
196													37.0	171	21.3
200													34.9	167	20.9
205													30.5	159	20.2
210													25.5	149	19.5
215													19.2	136	18.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 135 ft luffing jib 123 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	265	75.3												
45	77.8	265	75.3												
50	75.6	264	74.9												
55	73.4	262	74.4												
58				75.0	263	74.1									
60	71.1	261	73.5	74.1	262	74.1									
65	68.8	259	72.4	71.9	261	74.0									
70	66.5	257	70.7	69.6	259	72.7									
75	64.2	254	69.2	67.3	257	71.5									
80	61.8	252	68.0	64.9	254	69.8									
85	59.3	249	66.5	62.5	252	68.6									
90	56.7	245	62.2	60.1	249	67.3									
93							67.0	253	67.5						
95	54.1	242	60.7	57.6	246	65.9	66.1	252	67.5						
100	51.4	238	59.5	55.0	242	62.6	63.7	250	67.4						
105	48.6	234	56.9	52.3	239	61.8	61.3	247	64.6						
110	45.7	229	53.5	49.5	234	60.1	58.8	244	61.8						
115	42.5	223	50.4	46.6	230	57.4	56.2	241	58.5						
120	39.2	217	47.5	43.6	225	55.0	53.6	237	55.4						
125	35.7	211	45.1	40.3	219	52.7	50.9	233	52.6						
130	31.7	203	42.6	36.8	212	50.7	48.0	229	50.1						
134										57.0	234	43.5			
135	27.3	194	40.1	33.0	205	48.0	45.1	224	47.8	56.6	234	43.2			
140	22.0	182	37.6	28.8	196	44.6	41.9	218	45.6	54.0	230	41.2			
145				23.8	186	41.1	38.5	212	43.6	51.3	226	39.4			
150				17.5	172	37.6	34.9	205	41.8	48.5	222	37.7			
155							30.9	197	40.0	45.5	217	36.1			
160							26.3	188	38.4	42.4	212	34.7			
165							20.7	176	36.9	39.1	206	33.3			
170										36.4	201	32.1			
175										32.5	193	30.8			
180										28.2	184	29.7			
185										23.1	173	28.6			
190										16.5	159	27.5			
204													37.0	176	19.8
205													37.0	176	19.7
210													33.4	169	19.1
215													29.2	161	18.4
220													24.3	151	17.8
225													18.2	137	17.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom</b> <b>144 ft luffing jib</b> <b>123 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	275	66.8												
50	76.6	274	66.7												
55	74.5	273	66.4												
60	72.5	271	65.7												
61				75.0	272	65.7									
65	70.4	269	63.1	73.1	271	65.7									
70	68.2	267	62.0	71.0	269	63.0									
75	66.1	265	60.7	68.9	267	61.6									
80	63.8	263	59.5	66.8	265	60.4									
85	61.6	260	58.7	64.6	263	59.2									
90	59.3	257	57.4	62.3	260	58.3									
95	56.9	254	56.2	60.0	257	57.3									
97							67.0	262	58.9						
100	54.5	250	55.1	57.7	254	56.1	65.6	261	58.9						
105	52.0	247	54.2	55.3	251	55.1	63.4	258	58.8						
110	49.4	242	52.8	52.8	247	54.3	61.1	255	57.8						
115	46.7	238	49.7	50.3	243	53.4	58.8	252	57.0						
120	43.9	233	46.8	47.6	239	51.6	56.5	249	55.0						
125	40.9	227	44.2	44.8	234	49.9	54.0	246	52.3						
130	37.7	221	41.8	41.9	228	48.3	51.5	242	49.7						
135	34.2	214	39.6	38.7	222	46.9	48.9	237	47.4						
140										57.0	242	40.9			
140	30.4	205	37.7	35.4	215	45.6	46.2	233	45.3	56.8	242	40.8			
145	26.1	196	35.8	31.7	207	42.8	43.3	227	43.3	54.4	239	39.0			
150	21.0	184	33.8	27.6	198	39.9	40.3	222	41.4	51.9	235	37.3			
155				22.8	187	37.0	37.0	215	39.7	49.3	231	35.7			
160				16.6	173	34.0	33.5	208	38.1	46.6	226	34.3			
165							29.6	200	36.6	44.4	222	33.0			
170							25.2	190	35.2	41.5	216	31.7			
175							19.8	177	33.8	38.3	210	30.5			
180										34.9	203	29.3			
185										31.2	195	28.2			
190										27.0	186	27.2			
195										22.1	175	26.2			
200										15.6	159	25.3			
212													37.0	182	18.2
215													35.7	180	18.0
220													32.1	172	17.3
225													28.0	163	16.7
230													23.3	152	16.2
235													17.3	138	15.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 154 ft luffing jib 123 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	284	57.0												
50	77.5	284	57.0												
55	75.6	283	56.8												
60	73.6	281	56.5												
63				75.0	282	55.7									
65	71.7	280	55.9	74.2	281	55.7									
70	69.7	278	55.2	72.3	280	55.6									
75	67.7	276	54.4	70.3	278	55.1									
80	65.6	274	53.5	68.3	276	54.4									
85	63.6	271	52.7	66.3	274	53.7									
90	61.5	269	52.1	64.2	271	52.9									
95	59.3	266	51.1	62.2	269	52.3									
100	57.1	262	50.2	60.0	266	51.6									
101							67.0	271	52.0						
105	54.8	259	49.3	57.8	263	50.7	65.2	269	52.0						
110	52.5	255	48.6	55.6	259	50.0	63.2	267	51.8						
115	50.1	251	47.9	53.3	256	49.4	61.0	264	51.2						
120	47.6	247	46.1	50.9	252	48.8	58.9	261	50.7						
125	45.0	242	44.4	48.4	247	47.6	56.7	258	50.0						
130	42.3	236	42.9	45.9	243	46.4	54.4	254	49.2						
135	39.4	230	41.4	43.2	237	45.2	52.0	250	47.2						
140	36.3	224	40.1	40.3	232	44.2	49.6	246	45.0						
145	33.0	216	38.3	37.3	225	43.2	47.1	242	43.0	57.0	251	38.7			
150	29.3	208	36.0	34.1	218	41.7	44.5	237	41.2	54.8	247	37.0			
155	25.1	198	33.6	30.5	210	39.0	41.7	231	39.5	52.4	243	35.4			
160	21.4	188	19.5	26.5	200	36.3	38.8	225	37.9	50.0	239	34.0			
165				21.8	189	33.6	35.7	218	36.4	48.1	236	32.7			
170				17.4	178	21.1	32.3	211	35.0	45.5	231	31.4			
175							28.5	202	33.6	42.8	226	30.2			
180							25.2	194	27.5	40.0	220	29.1			
185							20.3	181	25.7	36.9	213	28.0			
190										33.6	206	27.0			
195										30.0	198	26.0			
200										26.0	188	25.1			
205										21.1	176	24.2			
220													37.0	188	17.1
220													37.0	188	17.0
225													34.4	183	16.5
230													30.9	174	15.9
235													26.9	165	15.4
240													22.3	154	14.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 164 ft luffing jib 123 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	294	50.0												
55	76.4	293	49.9												
60	74.6	292	49.7												
65	72.8	290	49.4												
66				75.0	291	49.2									
70	71.0	288	49.1	73.4	290	49.2									
75	69.1	287	48.8	71.6	288	49.2									
80	67.2	284	48.2	69.7	287	48.9									
85	65.3	282	47.6	67.8	285	48.7									
90	63.3	280	47.1	65.9	282	48.2									
95	61.3	277	46.6	64.0	280	47.8									
100	59.3	274	45.9	62.0	277	47.4									
105							67.0	280	46.3						
105	57.2	271	45.2	60.0	274	46.9	66.8	280	46.3						
110	55.1	267	44.5	57.9	271	46.3	64.9	278	46.3						
115	52.9	264	44.0	55.8	268	45.8	62.9	275	46.2						
120	50.7	260	43.5	53.7	264	45.3	60.9	272	45.8						
125	48.4	255	42.7	51.4	260	44.9	58.9	269	45.5						
130	46.0	251	41.9	49.1	256	44.2	56.8	266	45.2						
135	43.5	245	41.1	46.8	251	43.3	54.7	263	44.9						
140	40.8	240	40.4	44.3	246	42.5	52.5	259	44.6						
145	38.0	233	39.8	41.7	241	41.7	50.2	255	42.7						
150	35.0	226	39.2	38.9	235	41.1	47.9	250	40.8						
150										57.0	259	36.4			
155	31.8	219	37.0	36.0	228	40.4	45.5	246	39.1	55.0	256	35.0			
160	28.2	210	34.3	32.9	221	38.5	42.9	240	37.5	52.9	252	33.6			
165	25.2	202	18.5	29.4	212	35.9	40.3	234	36.0	51.1	249	32.3			
170	20.5	190	17.9	25.5	202	33.4	37.4	228	34.6	48.8	245	31.0			
175				22.1	193	20.3	34.4	221	33.3	46.4	240	29.8			
180				16.7	178	19.7	31.9	215	29.8	44.0	235	28.7			
185							28.3	206	28.0	41.3	229	27.6			
190							24.3	196	26.1	38.6	223	26.6			
195							19.5	183	24.2	35.6	216	25.7			
200										32.4	209	24.8			
205										28.9	200	23.9			
210										25.0	190	23.1			
215										20.3	177	22.3			
228													37.0	194	15.6
230													36.3	193	15.5
235													33.2	185	15.0
240													29.8	177	14.4
245													25.9	167	13.9
250													21.4	155	13.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 174 ft luffing jib 123 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	304	43.7												
55	77.2	303	43.7												
60	75.5	302	43.5												
65	73.8	300	43.3												
68				75.0	301	43.0									
70	72.1	299	43.0	74.4	300	43.0									
75	70.3	297	42.7	72.6	299	43.0									
80	68.6	295	42.3	70.9	297	42.7									
85	66.8	293	41.7	69.1	295	42.5									
90	65.0	291	41.2	67.4	293	42.2									
95	63.1	288	40.8	65.5	291	41.7									
100	61.2	285	40.4	63.7	288	41.3									
105	59.3	283	39.7	61.8	286	41.0									
108							67.0	289	40.3						
110	57.4	279	39.2	59.9	283	40.4	66.4	289	40.3						
115	55.4	276	38.7	58.0	280	39.9	64.6	286	40.3						
120	53.3	272	38.2	56.0	276	39.4	62.7	284	40.1						
125	51.2	268	37.8	54.0	273	39.0	60.9	281	39.7						
130	49.1	264	37.3	51.9	269	38.6	58.9	278	39.3						
135	46.8	259	36.7	49.8	265	38.2	57.0	275	39.0						
140	44.5	254	36.2	47.6	260	37.6	55.0	271	38.6						
145	42.1	249	35.7	45.3	255	37.0	52.9	267	38.2						
150	39.5	243	35.2	42.9	250	36.5	50.8	263	38.0						
155	36.8	236	34.8	40.3	244	36.1	48.6	259	37.5						
156										57.0	267	34.4			
160	33.9	229	34.1	37.7	238	35.6	46.4	254	36.7	55.3	264	33.2			
165	31.5	223	19.7	34.8	231	35.0	44.0	249	35.7	53.7	261	31.9			
170	28.1	214	18.8	31.8	223	33.2	41.6	244	34.3	51.6	258	30.6			
175	24.3	204	17.9	29.2	216	21.4	39.6	239	30.3	49.5	253	29.4			
180	19.7	191	17.0	25.6	207	20.2	36.9	233	29.8	47.3	249	28.3			
185				21.3	195	19.1	34.0	225	28.7	44.9	244	27.2			
190				16.0	179	17.8	30.8	217	26.8	42.5	238	26.2			
195							27.4	208	25.0	40.0	233	25.3			
200							23.4	197	23.2	37.3	226	24.4			
205							18.7	184	21.3	34.5	219	23.5			
210										31.4	211	22.7			
215										28.0	202	21.9			
220										24.1	192	21.2			
225										19.5	179	20.5			
236													37.0	200	14.3
240													35.1	195	14.0
245													32.1	188	13.5
250													28.8	179	13.0
255													25.0	169	12.6
260													20.6	156	12.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 184 ft luffing jib 123 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	313	38.6												
55	77.9	313	38.6												
60	76.3	312	38.4												
65	74.7	311	38.2												
70	73.1	309	38.0												
71				75.0	310	37.9									
75	71.4	308	37.7	73.6	309	37.9									
80	69.8	306	37.4	72.0	307	37.9									
85	68.1	304	37.0	70.3	306	37.5									
90	66.4	302	36.5	68.6	304	37.3									
95	64.7	299	36.0	66.9	302	36.9									
100	62.9	297	35.6	65.2	299	36.4									
105	61.1	294	35.3	63.5	297	36.0									
110	59.3	291	34.8	61.7	294	35.7									
112							67.0	298	35.4						
115	57.5	288	34.3	59.9	291	35.2	66.1	297	35.4						
120	55.6	284	33.9	58.1	288	34.7	64.3	295	35.4						
125	53.7	281	33.5	56.2	285	34.2	62.6	292	35.2						
130	51.7	277	33.2	54.3	281	33.8	60.8	289	34.6						
135	50.1	274	28.2	52.3	278	33.5	59.0	286	34.2						
140	48.1	269	27.0	50.3	273	33.2	57.1	283	33.9						
145	45.9	265	25.8	48.7	270	28.8	55.2	280	33.4						
150	43.7	259	24.7	46.6	265	28.0	53.3	276	33.1						
155	41.3	254	23.7	44.4	260	27.3	51.8	273	30.6						
160	38.9	248	22.8	42.1	255	26.5	49.7	269	30.2						
161										57.0	275	29.9			
165	36.3	241	21.9	39.7	249	25.9	47.6	264	29.7	56.0	274	29.8			
170	33.5	234	20.9	37.1	243	25.3	45.5	260	29.2	54.1	270	29.8			
175	30.5	225	19.7	34.4	236	24.3	43.2	254	28.8	52.1	266	29.1			
180	27.2	216	18.5	31.5	228	22.7	40.8	249	28.4	50.1	262	28.0			
185	23.5	205	17.3	28.3	219	21.1	38.4	242	28.0	48.0	258	26.9			
190	19.0	192	16.1	24.7	208	19.5	35.7	236	27.7	45.8	253	25.9			
195				20.6	196	17.9	32.9	228	26.0	43.6	248	25.0			
200				15.3	180	16.2	29.9	220	24.3	41.2	242	24.1			
205							26.5	210	22.5	38.8	236	23.3			
210							22.6	199	20.7	36.2	229	22.4			
215							18.0	185	18.9	33.4	222	21.7			
220										30.4	214	20.9			
225										27.1	204	20.2			
230										23.3	193	19.5			
235										18.8	180	18.9			
243													37.0	206	13.3
245													36.8	205	13.2
250													34.0	198	12.8
255													31.1	190	12.3
260													27.8	181	11.9
265													24.2	171	11.5
270													19.9	158	11.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 194 ft luffing jib 123 [ft] (2220), 194 [ft] (1311)</b>															
57	78.0	323	33.5												
60	77.0	322	33.4												
65	75.5	321	33.2												
70	74.3	320	30.5												
73				75.0	320	30.2									
75	72.8	318	30.3	74.8	320	30.2									
80	71.2	317	30.1	73.3	318	30.2									
85	69.6	315	29.9	71.7	317	30.0									
90	68.0	313	29.5	70.1	315	29.8									
95	66.4	311	29.1	68.6	313	29.7									
100	64.8	308	28.8	66.9	311	29.4									
105	63.1	306	28.5	65.3	308	29.0									
110	61.5	303	28.1	63.7	306	28.7									
115	59.7	300	27.6	62.0	303	28.4									
116							67.0	307	28.2						
120	58.0	297	27.0	60.3	301	27.9	66.1	306	28.2						
125	56.2	294	26.5	58.6	297	27.5	64.5	304	28.2						
130	54.4	290	26.1	56.8	294	27.0	62.8	301	28.0						
135	52.6	286	25.7	55.0	291	26.6	61.1	299	27.7						
140	50.7	282	25.4	53.2	287	26.3	59.4	296	27.6						
145	48.7	278	24.6	51.3	283	26.0	57.7	292	27.3						
150	46.7	273	23.9	49.3	279	25.3	55.9	289	27.0						
155	44.6	268	23.1	47.3	274	24.7	54.0	285	26.6						
160	42.4	263	22.5	45.3	269	24.1	52.2	282	26.4						
165	40.1	257	21.9	43.1	264	23.5	50.3	278	26.1						
167										57.0	284	25.5			
170	37.7	251	21.3	40.9	258	23.0	48.3	273	25.8	56.2	282	25.5			
175	35.2	244	20.8	38.5	252	22.5	46.3	268	25.4	54.3	279	25.5			
180	32.5	236	19.8	36.0	246	22.0	44.2	263	25.1	52.5	275	25.3			
185	29.6	228	18.7	33.4	238	21.1	42.0	258	24.8	50.6	271	25.2			
190	26.4	218	17.7	30.6	230	20.2	39.7	252	24.5	48.6	266	25.1			
195	22.7	207	16.6	27.4	221	19.2	37.2	246	24.3	46.6	262	24.6			
200	18.4	193	15.5	23.9	210	18.2	34.7	238	23.8	44.5	257	23.7			
205				19.9	197	17.2	31.9	231	22.8	42.3	251	22.9			
210							29.0	222	21.8	40.0	245	22.1			
215							25.7	212	20.8	37.6	239	21.3			
220							21.9	200	19.8	35.1	232	20.6			
225							17.4	186	18.7	32.4	224	19.9			
230										29.5	216	19.2			
235										26.2	206	18.6			
240										22.6	195	17.9			
245										18.2	181	17.3			
251													37.0	212	12.1
255													35.7	208	11.9
260													33.0	201	11.5
265													30.1	193	11.1
270													27.0	183	10.7
275													23.4	172	10.3
280													19.2	159	9.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 123  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>123 ft main boom 203 ft luffing jib 123 [ft] (2220), 203 [ft] (1311)</b>															
59	78.0	333	29.4												
60	78.0	333	27.3												
65	76.6	331	27.2												
70	75.1	330	27.0												
75	73.6	329	26.8												
76				75.0	329	26.3									
80	72.2	327	26.6	74.1	328	26.3									
85	70.7	325	26.4	72.6	327	26.3									
90	69.2	323	26.2	71.1	325	26.1									
95	67.6	321	25.9	69.6	323	25.9									
100	66.1	319	25.5	68.1	321	25.9									
105	64.5	317	25.2	66.6	319	25.5									
110	63.0	314	25.0	65.0	317	25.2									
115	61.4	312	24.7	63.5	314	25.0									
120							67.0	316	26.2						
120	59.7	309	24.3	61.9	312	24.8	67.0	316	24.4						
125	58.1	306	24.0	60.3	309	24.4	65.8	315	24.4						
130	56.4	302	23.6	58.6	306	24.0	64.2	312	24.4						
135	54.7	299	23.4	56.9	303	23.7	62.6	310	24.1						
140	52.9	295	23.1	55.2	299	23.4	61.0	307	24.0						
145	51.1	291	22.8	53.5	296	23.1	59.4	304	23.8						
150	49.3	287	22.4	51.7	292	22.9	57.7	301	23.6						
155	47.4	282	22.0	49.9	288	22.4	56.0	298	23.4						
160	45.4	277	21.6	48.0	283	21.9	54.3	294	23.1						
165	43.4	272	21.2	46.0	278	21.4	52.6	290	22.9						
170	41.2	267	20.8	44.0	273	20.9	50.7	286	22.7						
172										57.0	292	21.9			
175	39.0	260	20.4	41.9	268	20.5	48.9	282	22.5	56.3	291	21.9			
180	36.7	254	20.1	39.7	262	20.1	47.0	277	22.3	54.6	287	21.9			
185	34.2	247	19.7	37.5	255	19.7	45.0	272	22.1	52.8	283	21.8			
190	31.6	239	18.9	35.0	248	19.3	42.9	267	21.8	51.0	279	21.7			
195	28.7	230	18.0	32.5	241	18.8	40.8	261	21.6	49.2	275	21.6			
200	25.6	220	17.0	29.7	232	18.4	38.6	255	21.5	47.3	270	21.5			
205	22.0	208	16.0	26.6	223	17.8	36.2	248	21.3	45.3	266	21.5			
210				23.2	212	17.3	33.7	241	20.9	43.3	260	21.4			
215				19.2	198	16.7	31.0	233	20.5	41.1	255	20.9			
220							28.1	224	20.0	38.9	249	20.2			
225							24.9	214	19.6	36.6	242	19.5			
230							21.2	202	19.2	34.1	235	18.8			
235							16.8	187	18.7	31.5	227	18.2			
240										28.6	218	17.6			
245										25.5	208	17.0			
250										21.9	196	16.4			
255										17.5	182	15.9			
259													37.0	218	11.1
260													37.0	218	11.0
265													34.7	211	10.6
270													32.1	203	10.2
275													29.3	195	9.9
280													26.2	185	9.5
285													22.7	174	9.1
290													18.6	160	8.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>133 ft main boom</b> <b>66 ft luffing jib</b> <b>133 [ft] (2220), 66 [ft] (1311)</b>															
31	78.0	208	158.8												
35	74.3	206	158.8												
40	69.6	205	158.8												
41				75.0	206	158.8									
45	64.8	202	156.8	71.6	205	158.8									
50	59.8	200	151.6	66.9	203	157.7									
55	54.5	196	141.1	62.0	200	149.7									
60	48.8	192	131.8	56.8	197	137.2									
65	42.4	187	114.8	51.3	193	126.1									
69							67.0	199	107.6						
70	35.2	180	106.7	45.2	188	116.8	65.7	198	107.6						
75	26.1	171	86.8	38.4	182	108.5	60.7	196	101.7						
80				30.3	174	97.7	55.4	192	93.7						
85				19.0	163	82.2	49.8	188	86.9						
90							43.6	183	80.9						
95							36.5	177	75.6						
100							27.9	168	70.9						
101										57.0	185	63.9			
105										52.6	182	60.9			
110										46.7	178	57.5			
115										40.1	172	54.4			
120										32.3	165	51.6			
125										24.9	157	33.0			
156													37.0	142	30.2
160													32.5	138	29.4
165													22.3	127	28.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>76 ft luffing jib</b> <b>133 [ft] (2220), 75 [ft] (1311)</b>															
33	78.0	217	152.9												
35	76.4	217	152.9												
40	72.4	215	150.6												
44				75.0	216	151.0									
45	68.3	213	148.1	74.1	215	150.9									
50	64.1	211	143.1	70.1	213	149.7									
55	59.8	208	137.1	65.9	211	144.5									
60	55.2	205	124.1	61.6	209	136.8									
65	50.3	201	121.7	57.2	205	122.1									
70	45.0	196	110.5	52.4	202	116.7									
73							67.0	208	100.9						
75	39.2	190	100.3	47.3	197	108.9	64.9	207	100.9						
80	32.4	182	91.2	41.7	192	100.4	60.5	204	93.4						
85	23.9	172	78.4	35.4	185	93.0	56.0	201	86.6						
90				27.8	177	84.5	51.2	197	80.6						
95				17.1	163	72.7	46.0	192	75.4						
100							40.2	187	70.7						
105							33.7	180	66.5						
106										57.0	194	59.5			
110							25.6	170	62.8	53.5	191	57.1			
115										48.5	187	54.0			
120										43.1	181	51.2			
125										37.0	175	48.7			
130										29.7	167	46.3			
135										22.7	159	33.0			
164													37.0	148	28.1
165													37.0	148	27.9
170													29.9	140	26.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>85 ft luffing jib</b> <b>133 [ft] (2220), 85 [ft] (1311)</b>															
35	78.0	227	134.3												
40	74.5	226	133.3												
45	71.0	224	131.6												
46				75.0	225	132.7									
50	67.3	222	129.7	72.5	224	132.5									
55	63.6	219	126.0	68.9	222	131.2									
60	59.7	216	122.2	65.2	220	126.4									
65	55.7	213	114.9	61.4	217	124.0									
70	51.4	209	109.2	57.4	214	114.9									
75	46.9	205	101.1	53.3	210	107.0									
76							67.0	217	93.1						
80	42.0	199	88.3	48.9	206	100.2	64.2	215	93.0						
85	36.5	193	84.0	44.1	201	90.5	60.4	213	86.2						
90	30.1	185	76.2	38.9	195	86.4	56.4	209	80.3						
95	22.0	174	66.3	33.0	188	80.8	52.2	206	75.0						
100				25.8	178	71.8	47.7	201	70.4						
105							42.8	196	66.3						
110							37.5	190	62.5						
112										57.0	202	55.6			
115							31.3	182	59.2	54.2	199	53.6			
120							23.6	172	56.1	49.9	195	50.8			
125										45.2	190	48.3			
130										40.1	185	46.0			
135										34.4	178	43.8			
140										27.6	169	41.8			
172													37.0	154	25.7
175													34.5	151	25.3
180													27.7	142	24.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>95 ft luffing jib</b> <b>133 [ft] (2220), 95 [ft] (1311)</b>															
37	78.0	237	119.8												
40	76.1	236	119.5												
45	73.0	234	118.5												
49				75.0	235	118.5									
50	69.8	232	116.9	74.4	234	118.5									
55	66.5	230	114.5	71.2	233	117.9									
60	63.2	228	111.9	67.9	231	116.2									
65	59.7	225	108.3	64.6	228	112.9									
70	56.1	222	103.0	61.2	226	110.3									
75	52.3	218	98.8	57.6	222	103.7									
80	48.3	214	92.9	53.9	219	98.2									
80							67.0	226	87.7						
85	44.1	209	86.0	50.1	215	92.7	63.8	224	86.0						
90	39.4	203	79.8	45.9	210	86.3	60.3	221	80.0						
95	34.2	196	74.4	41.4	205	80.7	56.7	218	74.8						
100	28.2	187	66.4	36.5	198	75.7	53.0	214	70.2						
105	22.5	178	31.9	30.9	190	70.8	49.0	210	66.1						
110				24.1	180	58.9	44.8	205	62.4						
115							40.3	199	59.0						
117										57.0	210	52.2			
120							35.2	193	56.0	54.8	208	50.6			
125							29.3	184	53.2	51.0	204	48.1			
130							22.0	173	50.6	46.9	199	45.8			
135										42.5	194	43.6			
140										37.7	188	41.7			
145										32.3	180	39.9			
150										25.8	171	38.1			
180													37.0	160	24.2
180													37.0	160	24.0
185													32.4	153	23.2
190													25.9	144	22.4



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 105 ft luffing jib 133 [ft] (2220), 105 [ft] (1311)</b>															
39	78.0	246	105.7												
40	77.5	246	105.7												
45	74.7	245	105.0												
50	71.8	243	104.1												
52				75.0	244	104.6									
55	68.9	241	102.7	73.0	243	104.5									
60	65.9	239	99.7	70.1	241	103.3									
65	62.8	236	97.2	67.2	239	101.5									
70	59.7	233	93.3	64.1	237	98.6									
75	56.4	230	90.0	61.0	234	95.4									
80	53.0	226	87.3	57.8	231	91.5									
84							67.0	235	82.4						
85	49.5	222	84.4	54.5	227	88.3	66.4	235	82.4						
90	45.7	218	78.8	51.0	223	85.7	63.4	232	79.6						
95	41.7	212	73.5	47.3	219	80.5	60.2	230	74.4						
100	37.3	206	68.9	43.4	214	75.5	57.0	226	69.8						
105	32.3	198	56.5	39.2	208	71.1	53.6	223	65.7						
110	26.6	189	52.9	34.5	201	67.1	50.1	219	62.0						
115	21.1	180	29.5	29.1	192	58.4	46.4	214	58.7						
120				22.6	182	53.6	42.4	209	55.7						
122										57.0	218	48.9			
125							38.0	203	52.9	55.3	216	47.6			
130							33.2	195	50.4	51.8	213	45.3			
135							27.6	186	48.0	48.2	208	43.2			
140							20.6	175	45.8	44.3	203	41.3			
145										40.2	198	39.5			
150										35.6	191	37.8			
155										30.4	183	36.2			
160										24.3	173	34.7			
188															
190													37.0	166	22.2
195													35.7	164	22.0
195													30.5	156	21.2
200													24.4	146	20.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 115 ft luffing jib 133 [ft] (2220), 115 [ft] (1311)</b>															
41	78.0	256	94.3												
45	76.0	255	94.0												
50	73.4	253	93.3												
54				75.0	254	93.0									
55	70.8	252	92.1	74.5	253	93.0									
60	68.1	250	90.5	71.9	252	92.9									
65	65.3	247	88.0	69.2	250	91.6									
70	62.5	245	86.0	66.5	248	89.7									
75	59.7	242	83.8	63.7	245	87.5									
80	56.7	239	81.4	60.9	242	85.7									
85	53.6	235	79.3	58.0	239	83.0									
88							67.0	244	77.6						
90	50.4	231	77.5	54.9	236	80.7	65.8	243	77.5						
95	47.0	226	73.1	51.8	232	78.9	63.0	241	74.0						
100	43.4	221	68.7	48.5	228	75.2	60.2	238	69.5						
105	39.6	215	56.2	45.0	223	70.8	57.2	235	64.9						
110	35.4	209	53.8	41.3	217	66.8	54.1	231	61.7						
115	30.7	201	50.7	37.2	211	59.0	51.0	227	58.4						
120	25.1	191	47.6	32.7	204	56.2	47.6	223	55.3						
125				27.6	195	52.1	44.1	218	52.6						
128										57.0	227	45.9			
130				21.3	183	48.0	40.3	212	50.1	55.6	225	44.9			
135							36.1	206	47.7	52.5	221	42.8			
140							31.5	198	45.6	49.2	217	40.9			
145							26.2	188	43.6	45.8	212	39.1			
150							19.4	176	41.7	42.1	207	37.4			
155										38.2	201	35.9			
160										33.8	194	34.4			
165										30.1	187	33.0			
170										24.4	177	31.8			
195													37.0	172	20.5
200													33.9	166	20.0
205													29.0	158	19.3
210													23.0	147	18.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 125 ft luffing jib 133 [ft] (2220), 125 [ft] (1311)</b>															
43	78.0	265	83.5												
45	77.1	265	83.5												
50	74.8	264	82.9												
55	72.3	262	82.1												
57				75.0	263	82.3									
60	69.9	260	81.1	73.4	262	82.3									
65	67.4	258	79.5	70.9	260	81.9									
70	64.9	256	77.6	68.5	258	80.8									
75	62.3	253	76.1	66.0	256	79.2									
80	59.6	250	74.4	63.4	254	77.5									
85	56.9	247	72.6	60.8	251	76.2									
90	54.1	244	71.0	58.1	248	74.5									
92							67.0	253	72.6						
95	51.2	240	69.7	55.3	244	73.0	65.3	252	72.5						
100	48.1	235	66.8	52.4	241	71.8	62.7	249	69.2						
105	44.9	230	55.7	49.4	236	69.6	60.1	247	65.1						
110	41.5	225	52.8	46.3	232	66.0	57.4	243	61.4						
115	37.8	219	50.2	42.9	227	57.0	54.6	240	58.1						
120	33.7	211	47.9	39.4	221	54.4	51.7	236	55.1						
125	29.2	203	45.1	35.5	214	52.2	48.6	232	52.4						
130	23.9	192	42.4	31.2	206	49.0	45.4	227	49.8						
133										57.0	235	43.3			
135				26.3	196	45.8	42.1	221	47.5	55.9	233	42.5			
140				20.2	184	42.5	38.4	215	45.4	53.1	230	40.6			
145							34.5	208	43.4	50.1	226	38.8			
150							30.0	200	41.5	47.0	221	37.2			
155							24.9	190	39.8	43.7	216	35.6			
160							18.4	177	38.2	40.2	210	34.2			
165										37.3	205	32.9			
170										33.3	198	31.6			
175										28.7	189	30.4			
180										23.2	179	29.2			
203													37.0	177	19.1
205													36.5	177	19.0
210													32.3	169	18.3
215													27.6	160	17.7
220													21.9	149	17.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 135 ft luffing jib 133 [ft] (2220), 135 [ft] (1311)</b>															
45	78.0	275	74.3												
50	75.9	274	74.1												
55	73.7	272	73.6												
59				75.0	273	73.3									
60	71.4	271	72.6	74.6	272	73.3									
65	69.2	269	71.7	72.4	271	73.2									
70	66.8	267	70.1	70.1	269	72.4									
75	64.5	264	68.6	67.8	267	71.3									
80	62.1	262	67.5	65.5	265	69.8									
85	59.6	259	66.0	63.1	262	68.5									
90	57.1	256	60.6	60.7	259	67.4									
95	54.5	252	58.8	58.2	256	66.0									
96							67.0	263	65.6						
100	51.8	248	57.3	55.6	253	62.1	64.9	260	65.5						
105	49.0	244	55.2	53.0	249	61.1	62.5	258	64.3						
110	46.1	239	52.2	50.2	245	59.7	60.1	255	61.0						
115	43.0	234	49.5	47.3	241	56.5	57.5	252	57.7						
120	39.7	228	47.0	44.3	236	53.5	55.0	248	54.7						
125	36.2	222	44.8	41.1	230	50.8	52.3	245	52.0						
130	32.3	214	42.6	37.7	224	48.4	49.5	240	49.5						
135	27.9	205	40.3	34.0	217	46.2	46.6	236	47.2						
139										57.0	243	40.7			
140	22.8	194	37.9	29.8	208	43.6	43.5	231	45.0	56.2	242	40.2			
145				25.1	198	40.9	40.3	225	43.1	53.6	238	38.4			
150				19.2	185	38.3	36.8	218	41.2	50.9	234	36.7			
155							33.0	211	39.5	48.0	230	35.2			
160							28.7	202	37.9	45.0	225	33.8			
165							23.7	192	36.4	42.6	221	32.5			
170							17.4	178	35.0	39.3	215	31.2			
175										35.7	208	30.0			
180										31.8	201	28.9			
185										27.4	191	27.8			
190										22.1	180	26.8			
211													37.0	183	17.6
215													34.9	179	17.3
220													30.9	171	16.7
225													26.3	162	16.1
230													20.8	150	15.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom</b> <b>144 ft luffing jib</b> <b>133 [ft] (2220), 144 [ft] (1311)</b>															
47	78.0	285	63.6												
50	76.9	284	63.5												
55	74.8	283	63.1												
60	72.7	281	62.4												
62				75.0	282	62.3									
65	70.6	279	61.3	73.6	281	62.2									
70	68.5	277	60.2	71.5	279	62.0									
75	66.4	275	58.8	69.4	278	60.7									
80	64.2	273	57.6	67.3	276	59.6									
85	61.9	270	56.7	65.1	273	58.3									
90	59.6	267	55.3	62.9	271	57.3									
95	57.3	264	53.9	60.6	268	56.4									
99							67.0	272	57.7						
100	54.9	261	52.7	58.3	265	55.2	66.7	271	57.7						
105	52.4	257	51.7	55.9	262	54.2	64.5	269	57.7						
110	49.8	253	50.5	53.4	258	53.3	62.3	266	57.2						
115	47.1	248	47.9	50.9	254	52.5	60.0	264	56.3						
120	44.3	243	45.5	48.2	249	50.2	57.7	260	54.3						
125	41.3	238	43.3	45.5	245	48.0	55.3	257	51.6						
130	38.1	231	41.3	42.6	239	45.9	52.8	253	49.1						
135	34.7	224	39.6	39.5	233	44.1	50.2	249	46.8						
140	31.0	216	37.6	36.2	227	42.4	47.6	245	44.7						
144										57.0	251	38.3			
145	26.8	207	35.6	32.6	219	40.5	44.8	240	42.7	56.4	251	37.9			
150	21.8	195	33.7	28.6	210	38.4	41.8	234	40.9	54.0	247	36.3			
155				24.0	200	36.3	38.7	228	39.2	51.5	243	34.8			
160				18.3	186	34.2	35.3	221	37.6	48.9	239	33.4			
165							31.7	213	36.1	46.8	235	32.1			
170							27.5	204	34.7	43.9	230	30.8			
175							22.7	193	33.4	41.0	224	29.6			
180							18.2	182	25.2	37.8	218	28.5			
185										34.3	211	27.5			
190										30.5	203	26.5			
195										26.2	193	25.5			
200										21.1	181	24.6			
219													37.0	189	16.3
220													37.0	189	16.2
225													33.5	182	15.7
230													29.7	174	15.1
235													25.2	164	14.6
240													19.8	151	14.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 154 ft luffing jib 133 [ft] (2220), 154 [ft] (1311)</b>															
49	78.0	294	56.3												
50	77.7	294	56.3												
55	75.8	293	56.0												
60	73.9	291	55.7												
64				75.0	292	55.4									
65	71.9	290	54.9	74.7	291	55.4									
70	70.0	288	54.1	72.8	290	55.3									
75	68.0	286	53.2	70.8	288	54.9									
80	65.9	284	52.2	68.8	286	54.1									
85	63.9	281	51.3	66.8	284	53.4									
90	61.8	279	50.6	64.7	282	52.5									
95	59.6	276	49.5	62.7	279	51.9									
100	57.4	273	48.4	60.5	276	51.2									
103							67.0	281	51.6						
105	55.2	269	47.4	58.4	273	50.3	66.3	280	51.6						
110	52.8	265	46.6	56.1	270	49.5	64.2	277	51.5						
115	50.4	261	45.8	53.8	266	48.8	62.1	275	51.2						
120	48.0	257	44.2	51.5	262	48.2	60.0	272	50.6						
125	45.4	252	42.6	49.0	258	47.0	57.8	269	50.0						
130	42.7	247	41.1	46.5	254	45.5	55.6	266	48.7						
135	39.8	241	39.7	43.8	248	44.1	53.2	262	46.6						
140	36.7	234	38.4	41.0	243	42.8	50.9	258	44.4						
145	33.4	227	37.0	38.1	237	41.6	48.4	253	42.5						
149										57.0	260	36.3			
150	29.8	219	35.1	34.9	230	40.4	45.8	249	40.7	56.6	259	36.0			
155	25.7	209	33.1	31.4	222	38.2	43.1	243	39.0	54.4	255	34.5			
160	22.1	200	18.6	27.5	213	36.0	40.3	238	37.4	52.0	252	33.1			
165				23.0	202	33.7	37.3	231	35.9	50.2	248	31.8			
170				18.9	191	19.9	34.0	224	34.5	47.7	244	30.5			
175							30.5	216	33.2	45.1	239	29.4			
180							27.4	209	25.8	42.3	234	28.3			
185							22.9	198	24.5	39.5	228	27.2			
190							17.3	183	23.2	36.4	221	26.2			
195										33.0	214	25.3			
200										29.4	205	24.4			
205										25.2	195	23.5			
210										20.2	183	22.7			
227													37.0	195	15.1
230													35.7	192	14.8
235													32.3	185	14.3
240													28.5	176	13.8
245													24.2	165	13.3
250													19.0	152	12.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 164 ft luffing jib 133 [ft] (2220), 164 [ft] (1311)</b>															
51	78.0	304	49.0												
55	76.7	303	48.9												
60	74.9	302	48.6												
65	73.1	300	48.2												
67				75.0	301	48.5									
70	71.2	299	47.6	73.8	300	48.5									
75	69.3	297	47.2	72.0	299	48.4									
80	67.5	295	46.5	70.1	297	48.1									
85	65.5	292	45.7	68.3	295	47.8									
90	63.6	290	45.1	66.4	293	47.4									
95	61.6	287	44.6	64.4	290	46.9									
100	59.6	284	43.7	62.5	288	46.5									
105	57.5	281	42.9	60.5	285	46.0									
107							67.0	290	45.4						
110	55.4	278	42.1	58.4	282	45.4	65.9	288	45.4						
115	53.3	274	41.4	56.3	279	44.8	63.9	286	45.4						
120	51.0	270	40.9	54.2	275	44.3	62.0	283	45.1						
125	48.7	266	40.0	52.0	271	43.9	60.0	280	44.8						
130	46.3	261	39.1	49.7	267	43.3	57.9	277	44.6						
135	43.8	256	38.3	47.3	262	42.5	55.8	274	44.0						
140	41.2	250	37.5	44.9	257	41.7	53.6	270	43.5						
145	38.4	244	36.7	42.3	252	40.9	51.4	266	42.1						
150	35.5	237	36.1	39.6	246	40.2	49.1	262	40.3						
155										57.0	268	34.2			
155	32.3	230	34.5	36.7	240	39.6	46.7	258	38.6	56.8	268	34.1			
160	29.6	223	18.2	33.7	232	38.2	44.3	252	37.0	55.2	265	32.7			
165	25.7	213	17.6	30.3	224	35.9	41.7	247	35.5	53.0	261	31.4			
170	21.2	201	16.9	26.5	215	33.5	38.9	241	34.2	50.8	257	30.1			
175				23.2	206	18.9	36.7	236	27.6	48.4	253	29.0			
180				18.1	192	18.1	33.6	229	26.5	46.0	248	27.9			
185							30.2	220	25.2	43.5	243	26.8			
190							26.4	211	23.9	40.9	237	25.8			
195							22.1	199	22.6	38.1	231	24.9			
200							16.6	184	21.2	35.1	224	24.0			
205										31.9	216	23.2			
210										28.3	207	22.4			
215										24.3	197	21.6			
220										19.4	184	20.9			
235													37.0	201	13.9
235													37.0	201	13.8
240													34.4	195	13.4
245													31.1	187	12.9
250													27.5	178	12.5
255													23.3	167	12.0
260													18.2	153	11.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 174 ft luffing jib 133 [ft] (2220), 174 [ft] (1311)</b>															
53	78.0	314	43.5												
55	77.5	313	43.5												
60	75.8	312	43.2												
65	74.0	310	43.1												
69				75.0	311	42.9									
70	72.3	309	42.7	74.8	310	42.9									
75	70.6	307	42.3	73.1	309	42.9									
80	68.8	305	41.9	71.3	307	42.7									
85	67.0	303	41.3	69.6	305	42.4									
90	65.2	301	40.7	67.8	303	42.2									
95	63.4	298	40.2	66.0	301	41.7									
100	61.5	296	39.8	64.2	299	41.2									
105	59.6	293	39.1	62.3	296	40.9									
110	57.6	290	38.4	60.4	293	40.4									
111							67.0	299	40.1						
115	55.7	286	37.8	58.5	290	39.9	65.5	297	40.1						
120	53.6	283	37.3	56.5	287	39.4	63.7	294	40.1						
125	51.5	279	36.9	54.5	284	39.0	61.8	292	39.7						
130	49.4	274	36.3	52.4	280	38.6	59.9	289	39.4						
135	47.1	270	35.7	50.3	276	38.2	58.0	286	39.1						
140	44.8	265	35.0	48.1	271	37.6	56.0	283	38.6						
145	42.4	260	34.4	45.8	266	37.0	54.0	279	38.2						
150	39.9	254	33.9	43.4	261	36.5	51.9	275	37.8						
155	37.2	247	33.4	41.0	256	36.0	49.7	271	37.5						
160	35.0	242	19.0	38.3	249	35.5	47.5	266	36.6	57.0	276	32.2			
165	31.9	234	18.3	35.5	243	35.1	45.2	261	35.2	55.4	273	30.9			
170	28.6	225	17.6	32.5	235	33.5	42.8	256	33.8	53.4	270	29.7			
175	24.8	215	16.9	30.1	228	19.5	40.9	252	28.4	51.3	266	28.5			
180	20.4	203	16.2	26.5	219	18.6	38.3	246	27.6	49.1	261	27.5			
185				22.4	207	17.7	35.5	239	26.8	46.9	257	26.4			
190				17.4	193	16.8	32.5	231	25.3	44.5	252	25.4			
195							29.2	223	23.8	42.1	246	24.5			
200							25.5	213	22.3	39.6	240	23.6			
205							21.2	201	20.7	36.9	234	22.8			
210										34.0	227	22.0			
215										30.8	219	21.3			
220										27.4	209	20.5			
225										23.4	198	19.8			
230										18.7	185	19.1			
243													37.0	207	12.6
245													36.2	205	12.5
250													33.3	198	12.0
255													30.1	190	11.6
260													26.5	180	11.2
265													22.5	169	10.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 184 ft luffing jib 133 [ft] (2220), 184 [ft] (1311)</b>															
55	78.0	323	38.0												
60	76.5	322	37.9												
65	74.9	321	37.7												
70	73.3	319	37.6												
72				75.0	320	37.4									
75	71.7	318	37.3	74.0	319	37.4									
80	70.0	316	37.0	72.4	318	37.4									
85	68.3	314	36.6	70.7	316	37.1									
90	66.6	312	36.1	69.0	314	36.8									
95	64.9	309	35.6	67.4	312	36.5									
100	63.2	307	35.2	65.6	310	36.0									
105	61.4	304	34.9	63.9	307	35.6									
110	59.6	301	34.4	62.1	305	35.3									
115							67.0	308	34.8						
115	57.7	298	33.9	60.4	302	34.8	66.9	308	34.8						
120	55.9	295	33.5	58.5	299	34.4	65.2	305	34.8						
125	53.9	291	33.2	56.7	296	33.9	63.5	303	34.7						
130	52.4	288	28.1	54.8	292	33.5	61.7	300	34.3						
135	50.4	284	27.5	52.8	288	33.2	59.9	297	33.9						
140	48.4	280	25.9	51.3	285	29.1	58.1	294	33.6						
145	46.2	275	24.4	49.2	281	27.7	56.2	291	33.2						
150	44.0	270	23.0	47.1	276	26.3	54.7	288	30.4						
155	41.7	264	21.7	44.9	271	25.0	52.8	285	30.0						
160	39.2	258	20.5	42.7	266	23.8	50.8	281	29.6						
165	36.6	252	19.4	40.3	260	22.7	48.7	276	29.1						
165										57.0	284	29.4			
170	33.9	245	18.5	37.8	254	21.6	46.6	272	28.6	55.7	282	29.4			
175	30.9	236	17.7	35.1	247	20.7	44.4	267	28.0	53.7	278	28.3			
180	27.7	227	17.0	32.2	239	19.7	42.1	261	27.5	51.8	274	27.2			
185	24.0	217	16.2	29.1	231	18.7	39.6	255	27.1	49.7	270	26.1			
190	19.7	204	15.4	25.6	221	17.6	37.1	249	26.7	47.6	266	25.2			
195				21.6	209	16.6	34.4	242	25.8	45.4	261	24.2			
200				16.7	194	15.5	31.5	234	24.1	43.2	256	23.4			
205							28.3	225	22.3	40.8	250	22.5			
210							24.7	214	20.6	38.3	244	21.7			
215							20.5	202	18.9	35.7	237	21.0			
220										32.9	229	20.3			
225										29.8	221	19.6			
230										26.5	211	18.9			
235										22.6	200	18.3			
250													37.0	213	11.6
255													35.1	208	11.3
260													32.3	200	10.9
265													29.1	192	10.5
270													25.7	182	10.1
275													21.7	170	9.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>133 ft main boom 194 ft luffing jib 133 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	333	33.5												
60	77.2	332	33.5												
65	75.7	331	33.2												
70	74.2	330	33.1												
74				75.0	330	32.8									
75	73.0	328	30.5	75.0	330	30.3									
80	71.4	327	30.3	73.6	328	30.3									
85	69.8	325	30.1	72.1	327	30.3									
90	68.3	323	29.7	70.5	325	30.0									
95	66.6	321	29.3	68.9	323	29.9									
100	65.0	318	28.9	67.3	321	29.6									
105	63.4	316	28.5	65.7	319	29.2									
110	61.7	313	28.2	64.1	316	28.8									
115	60.0	310	27.5	62.4	314	28.5									
119							67.0	317	28.2						
120	58.2	307	26.9	60.7	311	28.1	66.9	317	28.2						
125	56.5	304	26.3	59.0	308	27.5	65.3	315	28.2						
130	54.7	301	25.8	57.2	305	27.1	63.7	312	28.2						
135	52.8	297	25.3	55.4	301	26.6	62.0	309	27.9						
140	50.9	293	24.9	53.6	298	26.2	60.3	307	27.6						
145	49.0	288	23.9	51.7	294	25.9	58.5	304	27.5						
150	47.0	284	22.9	49.8	290	25.1	56.8	300	27.1						
155	44.9	279	21.9	47.8	285	24.1	55.0	297	26.7						
160	42.7	274	21.0	45.8	280	23.2	53.1	293	26.4						
165	40.4	268	20.2	43.6	275	22.3	51.2	289	26.1						
170	38.1	262	19.4	41.4	270	21.5	49.3	285	25.8						
171										57.0	293	25.5			
175	35.6	255	18.7	39.1	264	20.7	47.3	280	25.3	55.9	290	25.5			
180	32.9	247	17.9	36.7	257	20.0	45.2	275	24.9	54.0	287	25.5			
185	30.0	239	17.1	34.1	250	19.3	43.1	270	24.6	52.2	283	25.3			
190	26.8	229	16.3	31.3	242	18.4	40.8	265	24.2	50.3	279	24.8			
195	23.2	218	15.5	28.2	233	17.5	38.5	258	23.9	48.3	274	23.8			
200	19.0	205	14.7	24.8	223	16.7	36.0	252	23.6	46.2	270	23.0			
205				20.9	210	15.8	33.4	244	22.7	44.1	265	22.1			
210							30.5	236	21.6	41.9	259	21.4			
215							27.4	227	20.5	39.6	253	20.6			
220							23.9	216	19.4	37.2	247	19.9			
225							19.8	203	18.2	34.7	240	19.2			
230										31.9	232	18.6			
235										28.9	223	17.9			
240										25.6	213	17.3			
245										21.9	202	16.7			
258													37.0	219	10.5
260													36.7	218	10.5
265													34.1	211	10.1
270													31.3	203	9.7
275													28.3	194	9.3
280													24.9	184	9.0
285													21.0	171	8.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 133  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>133 ft main boom 203 ft luffing jib 133 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	342	29.0												
60	78.0	342	26.8												
65	76.8	341	26.7												
70	75.3	340	26.5												
75	73.8	339	26.4												
77				75.0	339	26.0									
80	72.4	337	26.2	74.5	339	26.0									
85	70.9	335	26.0	73.0	337	26.0									
90	69.4	334	25.9	71.5	335	25.9									
95	67.8	331	25.5	70.0	334	25.7									
100	66.3	329	25.2	68.5	332	25.6									
105	64.8	327	24.8	67.0	330	25.3									
110	63.2	324	24.5	65.4	327	25.0									
115	61.6	322	24.3	63.9	325	24.7									
120	60.0	319	23.8	62.3	322	24.4									
123							67.0	326	24.1						
125	58.3	316	23.4	60.7	319	24.1	66.6	325	24.1						
130	56.6	313	23.1	59.0	316	23.8	65.0	323	24.1						
135	54.9	309	22.7	57.3	313	23.4	63.5	321	24.0						
140	53.2	305	22.5	55.6	310	23.1	61.9	318	23.8						
145	51.4	301	22.2	53.9	306	22.9	60.2	315	23.6						
150	49.5	297	21.7	52.1	302	22.7	58.6	312	23.5						
155	47.6	293	21.1	50.3	298	22.2	56.9	309	23.2						
160	45.7	288	20.6	48.4	294	21.6	55.2	305	23.0						
165	43.6	283	20.0	46.5	289	21.1	53.5	302	22.7						
170	41.5	277	19.5	44.5	284	20.5	51.7	298	22.5						
175	39.3	271	19.0	42.4	279	20.0	49.8	294	22.3						
176										57.0	301	21.6			
180	37.0	265	18.6	40.3	273	19.5	48.0	289	22.0	56.0	299	21.6			
185	34.6	258	18.2	38.0	267	19.1	46.0	284	21.8	54.3	295	21.6			
190	32.0	250	17.3	35.6	260	18.7	44.0	279	21.5	52.5	292	21.4			
195	29.1	241	16.5	33.1	252	18.0	41.9	274	21.2	50.7	288	21.3			
200	26.0	231	15.7	30.4	244	17.2	39.7	268	21.0	48.9	283	21.2			
205	22.5	220	14.8	27.4	235	16.5	37.4	261	20.8	46.9	279	21.1			
210	18.4	206	14.0	24.1	224	15.8	35.0	255	20.5	45.0	274	21.0			
215				20.3	212	15.0	32.4	247	20.0	42.9	268	20.2			
220							29.7	238	19.4	40.8	263	19.5			
225							26.6	229	18.9	38.5	256	18.8			
230							23.2	218	18.3	36.2	250	18.2			
235							19.2	204	17.8	33.7	242	17.6			
240										31.0	234	17.0			
245										28.1	225	16.4			
250										24.9	215	15.8			
255										21.2	203	15.3			
266													37.0	225	9.5
270													35.7	221	9.3
275													33.1	214	8.9
280													30.4	205	8.6
285													27.4	196	8.2
290													24.1	185	7.9
295													20.3	173	7.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>66 ft luffing jib</b> <b>142 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	217	158.8												
35	74.9	217	158.8												
40	70.3	215	158.8												
43				75.0	216	158.8									
45	65.5	213	154.7	72.7	215	158.8									
50	60.5	210	148.1	68.0	213	158.6									
55	55.2	206	138.1	63.2	211	146.7									
60	49.6	202	130.6	58.1	208	135.1									
65	43.4	197	114.9	52.6	204	122.7									
70	36.3	191	106.8	46.7	199	115.5									
71							67.0	209	101.6						
75	27.5	182	88.6	40.2	194	107.1	63.3	207	100.5						
80				32.4	186	98.7	58.1	204	92.7						
85				22.3	176	84.8	52.7	200	85.9						
90							46.8	195	80.0						
95							40.3	190	74.8						
100							32.6	183	70.2						
105							25.2	175	33.0						
105										57.0	194	59.5			
110										51.6	190	56.2			
115										45.6	186	53.2			
120										38.9	180	50.4			
125										30.8	172	47.9			
130										19.9	161	45.5			
163													37.0	149	27.1
165													35.7	148	26.9
170													26.8	139	25.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>76 ft luffing jib</b> <b>142 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	227	146.8												
35	76.9	227	146.8												
40	73.0	225	145.0												
45	68.9	223	142.8												
45				75.0	225	144.9									
50	64.7	221	137.7	71.1	224	144.3									
55	60.4	218	132.7	66.9	222	140.9									
60	55.8	215	122.1	62.7	219	132.0									
65	51.0	211	118.2	58.2	216	122.0									
70	45.8	206	108.9	53.6	212	114.0									
75	40.0	201	99.3	48.6	208	107.1	67.0	218	93.7						
80	33.4	193	91.3	43.1	203	99.4	62.8	215	92.3						
85	25.2	184	79.3	37.0	197	92.4	58.3	212	85.6						
90				29.8	189	84.9	53.7	209	79.7						
95				20.2	177	74.5	48.7	204	74.5						
100							43.2	199	69.9						
105							37.1	193	65.8						
110							29.9	185	62.1						
111										57.0	202	55.5			
115							23.0	177	33.0	52.7	199	52.8			
120										47.6	195	50.1			
125										42.1	189	47.6			
130										35.8	183	45.3			
135										28.3	174	43.1			
140										20.9	165	33.0			
171													37.0	155	25.0
175													32.9	150	24.4
180													24.5	140	23.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 85 ft luffing jib 142 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	237	130.7												
40	75.0	236	129.9												
45	71.4	234	128.4												
48				75.0	235	129.1									
50	67.8	232	126.2	73.3	234	129.0									
55	64.1	230	123.3	69.8	232	127.7									
60	60.3	227	120.0	66.1	230	124.9									
65	56.2	223	113.3	62.3	228	120.5									
70	52.0	220	108.1	58.4	224	113.2									
75	47.5	215	101.2	54.3	221	105.4									
79							67.0	227	88.1						
80	42.7	210	88.8	49.9	217	99.4	66.2	226	88.1						
85	37.3	204	84.4	45.3	212	90.9	62.4	224	85.2						
90	31.1	196	77.6	40.2	206	86.1	58.5	221	79.3						
95	23.3	185	67.9	34.5	199	80.5	54.4	217	74.1						
100				27.7	191	73.4	50.0	213	69.6						
105							45.4	208	65.5						
110							40.3	203	61.8						
115							34.6	196	58.5						
116										57.0	211	51.9			
120							27.8	187	55.4	53.5	208	49.6			
125										49.1	203	47.2			
130										44.4	198	44.9			
135										39.2	193	42.8			
140										33.4	185	40.9			
145										26.3	176	39.1			
150										19.2	166	33.0			
179													37.0	161	23.1
180													36.8	161	23.0
185													30.6	153	22.2
190													22.6	142	21.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 95 ft luffing jib 142 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	246	115.5												
40	76.6	246	115.5												
45	73.4	244	114.5												
50	70.2	243	112.8												
50				75.0	244	114.4									
55	67.0	240	110.8	71.9	243	114.2									
60	63.6	238	108.2	68.7	241	112.4									
65	60.2	235	105.4	65.4	239	109.6									
70	56.6	232	100.3	62.0	236	106.7									
75	52.8	228	94.8	58.5	233	101.4									
80	48.9	224	92.2	54.8	230	93.5									
83							67.0	236	82.7						
85	44.7	219	85.5	51.0	226	92.0	65.5	235	82.7						
90	40.1	213	79.5	46.9	221	86.0	62.1	232	79.1						
95	35.0	207	74.3	42.6	216	80.4	58.6	229	73.9						
100	29.1	198	66.9	37.8	210	75.4	54.9	226	69.4						
105	21.7	187	55.6	32.3	202	71.0	51.1	222	65.3						
110				25.9	193	59.3	47.0	217	61.6						
115							42.6	212	58.3						
120							37.8	206	55.3						
121										57.0	219	48.8			
125							32.4	198	52.6	54.2	216	46.9			
130							26.0	189	50.0	50.3	212	44.7			
135										46.2	207	42.6			
140										41.7	202	40.7			
145										36.8	196	38.9			
150										31.3	188	37.2			
155										24.5	178	35.7			
160										17.7	167	33.0			
187													37.0	167	21.5
190													34.6	163	21.1
195													28.6	155	20.4
200													21.1	143	19.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 105 ft luffing jib 142 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	256	103.3												
40	77.9	256	103.3												
45	75.0	255	102.8												
50	72.2	253	101.9												
53				75.0	254	102.4									
55	69.3	251	100.5	73.7	253	102.3									
60	66.3	249	98.1	70.8	251	101.5									
65	63.2	246	94.2	67.9	249	99.9									
70	60.1	244	92.3	64.9	247	97.4									
75	56.9	240	88.9	61.8	244	94.2									
80	53.5	237	86.1	58.6	241	91.0									
85	50.0	233	83.8	55.3	238	87.7									
87							67.0	245	78.3						
90	46.2	228	78.5	51.9	234	85.1	64.9	243	78.2						
95	42.2	223	73.6	48.2	230	80.1	61.8	241	73.5						
100	37.9	216	69.3	44.4	225	75.2	58.7	238	69.0						
105	33.0	209	55.0	40.2	219	70.8	55.4	234	64.3						
110	27.4	200	52.2	35.7	212	66.8	51.9	230	61.3						
115	22.2	191	27.7	30.5	204	58.1	48.3	226	58.0						
120				24.3	194	54.0	44.4	221	55.0						
125							40.3	215	52.3						
127										57.0	227	45.7			
130							35.8	209	49.7	54.7	225	44.2			
135							30.6	201	47.4	51.2	221	42.2			
140							24.5	191	45.3	47.6	216	40.3			
145										43.7	211	38.5			
150										39.5	205	36.9			
155										34.8	198	35.3			
160										29.5	190	33.9			
165										24.7	182	32.6			
170										16.5	168	31.3			
194													37.0	173	20.0
195													37.0	173	19.8
200													32.7	166	19.2
205													27.0	157	18.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 115 ft luffing jib 142 [ft] (2220), 115 [ft] (1311)</b>															
42	78.0	266	91.2												
45	76.4	265	91.0												
50	73.8	263	90.3												
55	71.1	262	89.2												
55				75.0	263	89.9									
60	68.4	260	87.9	72.5	262	89.8									
65	65.7	258	85.6	69.9	260	89.0									
70	62.9	255	83.7	67.2	258	87.8									
75	60.1	252	81.7	64.4	256	85.6									
80	57.1	249	79.2	61.6	253	83.9									
85	54.0	245	77.1	58.7	250	81.5									
90	50.8	241	75.4	55.7	247	79.3									
90							67.0	254	73.3						
95	47.5	237	71.8	52.5	243	77.4	64.5	252	73.1						
100	43.9	232	67.9	49.3	239	74.9	61.6	249	68.6						
105	40.1	226	54.6	45.8	234	70.5	58.7	246	64.5						
110	36.0	219	51.9	42.2	228	66.5	55.7	243	60.9						
115	31.3	212	49.3	38.2	222	56.4	52.6	239	57.6						
120	26.0	202	46.8	33.9	215	54.1	49.3	235	54.6						
125	20.9	193	24.6	28.9	207	50.9	45.9	230	51.9						
130				23.0	196	47.7	42.2	225	49.4						
132										57.0	235	42.9			
135							38.3	219	47.1	55.1	233	41.7			
140							33.9	211	45.0	52.0	229	39.8			
145							29.0	203	43.0	48.7	225	38.1			
150							23.1	192	41.2	45.2	220	36.4			
155										41.5	215	34.9			
160										37.5	208	33.5			
165										34.1	203	32.2			
170										29.2	194	31.0			
175										23.4	184	29.8			
202													37.0	179	18.3
205													35.7	176	18.1
210													31.0	168	17.4
215													25.5	159	16.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 125 ft luffing jib 142 [ft] (2220), 125 [ft] (1311)</b>															
44	78.0	275	81.7												
45	77.5	275	81.7												
50	75.1	274	81.2												
55	72.7	272	80.5												
58				75.0	273	80.6									
60	70.2	270	79.3	73.9	272	80.6									
65	67.8	268	78.0	71.5	271	80.4									
70	65.2	266	76.1	69.1	269	79.5									
75	62.7	263	74.7	66.6	267	78.3									
80	60.0	261	73.1	64.0	264	76.6									
85	57.3	257	71.3	61.4	261	75.4									
90	54.5	254	69.7	58.7	258	73.8									
94							67.0	263	69.0						
95	51.6	250	68.3	56.0	255	72.3	66.6	263	69.0						
100	48.5	246	66.0	53.1	251	71.0	64.1	260	68.3						
105	45.3	241	54.2	50.1	247	69.6	61.5	258	64.3						
110	41.9	235	51.5	47.0	243	66.2	58.8	255	60.6						
115	38.3	229	49.1	43.8	238	56.0	56.0	251	57.4						
120	34.3	222	47.1	40.3	232	52.8	53.2	248	54.4						
125	29.9	214	44.7	36.5	225	50.1	50.2	243	51.7						
130	24.7	204	42.3	32.3	218	47.7	47.1	239	49.2						
135	19.8	194	22.0	27.5	209	45.2	43.8	234	46.9						
137										57.0	244	40.5			
140				21.8	197	42.6	40.3	228	44.8	55.5	242	39.5			
145							36.5	222	42.8	52.6	238	37.8			
150							32.4	214	41.0	49.6	234	36.2			
155							27.6	205	39.3	46.5	229	34.7			
160							21.9	194	37.7	43.1	224	33.3			
165										40.4	220	32.0			
170										36.7	213	30.8			
175										32.5	206	29.6			
180										27.8	197	28.5			
185										22.2	185	27.4			
210													37.0	184	17.0
215													34.0	179	16.6
220													29.5	171	16.0
225													24.3	160	15.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 135 ft luffing jib 142 [ft] (2220), 135 [ft] (1311)</b>															
46	78.0	285	72.0												
50	76.2	284	71.7												
55	74.0	282	71.3												
60	71.7	281	70.3												
60				75.0	282	71.0									
65	69.5	279	69.3	72.9	281	70.9									
70	67.2	277	68.0	70.7	279	70.5									
75	64.8	275	66.5	68.4	277	69.4									
80	62.4	272	61.0	66.1	275	68.1									
85	60.0	269	59.4	63.7	273	66.8									
90	57.5	266	57.5	61.3	270	65.9									
95	54.9	262	55.8	58.8	267	61.5									
98							67.0	272	62.5						
100	52.2	259	54.4	56.2	264	60.2	66.1	271	62.5						
105	49.4	254	52.7	53.6	260	59.1	63.7	269	62.4						
110	46.5	250	50.1	50.9	256	58.1	61.3	266	60.2						
115	43.4	245	47.8	48.0	252	54.7	58.8	263	57.0						
120	40.2	239	45.6	45.1	247	51.5	56.3	260	54.0						
125	36.7	232	43.7	41.9	241	48.5	53.7	256	51.3						
130	32.8	225	41.9	38.5	235	45.8	50.9	252	48.8						
135	28.5	216	39.7	34.9	228	43.6	48.1	248	46.5						
140	23.5	205	37.6	30.9	220	41.7	45.1	243	44.4						
143										57.0	252	38.2			
145				26.3	211	39.8	42.0	237	42.5	55.8	250	37.4			
150				20.8	199	37.9	38.6	231	40.7	53.1	247	35.7			
155							35.0	224	39.0	50.4	243	34.2			
160							31.0	216	37.4	48.2	239	32.9			
165							26.4	207	35.9	45.2	234	31.6			
170							20.9	195	34.5	42.1	229	30.4			
175										38.7	223	29.2			
180										35.1	216	28.1			
185										31.1	208	27.1			
190										26.6	199	26.1			
195										21.1	187	25.1			
218													37.0	190	15.6
220													36.4	189	15.5
225													32.5	182	15.0
230													28.2	173	14.5
235													23.1	162	13.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom</b> <b>144 ft luffing jib</b> <b>142 [ft] (2220), 144 [ft] (1311)</b>															
48	78.0	294	62.1												
50	77.2	294	62.1												
55	75.1	293	61.4												
60	73.0	291	60.6												
63				75.0	292	61.2									
65	70.9	289	59.6	74.1	291	61.1									
70	68.8	288	58.6	72.0	290	61.0									
75	66.7	285	57.2	69.9	288	60.0									
80	64.5	283	55.9	67.8	286	58.9									
85	62.2	280	54.9	65.6	284	57.6									
90	59.9	278	53.6	63.4	281	56.5									
95	57.6	274	52.1	61.2	278	55.7									
100	55.2	271	50.7	58.8	275	54.5									
102							67.0	281	56.8						
105	52.7	267	49.6	56.5	272	53.4	65.7	280	56.7						
110	50.1	263	48.5	54.0	269	52.5	63.4	277	56.7						
115	47.5	259	46.4	51.5	265	51.7	61.2	275	55.9						
120	44.7	254	44.4	48.9	260	49.5	58.9	272	53.6						
125	41.7	248	42.6	46.2	256	46.8	56.5	268	50.9						
130	38.6	242	40.9	43.3	250	44.3	54.1	265	48.4						
135	35.2	235	39.4	40.3	245	42.1	51.5	261	46.2						
140	31.5	227	37.7	37.0	238	40.0	48.9	256	44.1						
145	27.4	218	35.7	33.5	231	38.5	46.2	252	42.1						
148										57.0	260	35.9			
150	22.5	207	33.7	29.6	222	37.1	43.3	247	40.3	56.0	259	35.3			
155				25.2	212	35.6	40.3	241	38.6	53.6	255	33.8			
160				19.8	200	34.1	37.1	234	37.1	51.6	252	32.5			
165							33.6	227	35.6	49.0	248	31.2			
170							29.7	219	34.2	46.3	243	29.9			
175							26.4	211	25.7	43.5	238	28.8			
180							21.3	199	24.5	40.4	232	27.7			
185										37.2	226	26.7			
190										33.7	219	25.7			
195										29.9	210	24.8			
200										25.4	200	23.9			
205										20.1	188	23.1			
226													37.0	196	14.3
230													35.0	192	14.0
235													31.2	184	13.5
240													27.0	175	13.0
245													22.1	163	12.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 154 ft luffing jib 142 [ft] (2220), 154 [ft] (1311)</b>															
50	78.0	304	54.4												
55	76.1	303	54.1												
60	74.2	301	53.6												
65	72.2	300	52.8												
66				75.0	301	53.9									
70	70.2	298	52.0	73.2	300	53.8									
75	68.2	296	51.1	71.3	298	53.4									
80	66.2	294	50.0	69.3	296	52.8									
85	64.1	292	49.1	67.3	294	52.1									
90	62.0	289	48.3	65.2	292	51.2									
95	59.9	286	47.2	63.2	290	50.5									
100	57.7	283	46.0	61.0	287	49.9									
105	55.5	280	44.9	58.9	284	49.1									
106							67.0	290	50.1						
110	53.2	276	44.0	56.7	281	48.3	65.3	288	50.1						
115	50.8	272	43.2	54.4	277	47.6	63.2	286	50.0						
120	48.3	267	41.8	52.0	273	46.9	61.1	283	49.5						
125	45.7	263	40.4	49.6	269	45.9	58.9	280	49.0						
130	43.0	257	39.0	47.1	264	44.3	56.7	277	47.9						
135	40.2	252	37.8	44.5	259	42.7	54.4	273	45.9						
140	37.2	245	36.7	41.7	254	41.3	52.1	269	43.8						
145	33.9	238	35.6	38.8	248	40.1	49.7	265	41.9						
150	30.3	230	34.0	35.7	241	38.9	47.1	261	40.1						
153										57.0	268	34.0			
155	27.3	223	18.4	32.3	233	37.2	44.5	256	38.4	56.3	267	33.5			
160	22.8	211	17.7	28.5	225	35.3	41.8	250	36.8	54.5	265	32.2			
165				24.2	214	33.3	38.8	244	35.4	52.2	261	30.9			
170				20.3	204	18.7	35.7	237	34.0	49.8	257	29.7			
175							33.1	232	25.0	47.2	252	28.5			
180							29.5	223	24.0	44.6	247	27.4			
185							25.3	213	23.0	41.9	242	26.4			
190							20.4	201	22.0	39.0	236	25.5			
195										35.8	229	24.5			
200										32.5	221	23.7			
205										28.7	213	22.8			
210										24.4	202	22.0			
215										19.3	189	21.3			
234													37.0	202	13.2
235													36.9	202	13.2
240													33.7	195	12.8
245													30.0	186	12.3
250													26.0	177	11.9
255													21.2	165	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 164 ft luffing jib 142 [ft] (2220), 164 [ft] (1311)</b>															
52	78.0	314	48.1												
55	76.9	313	48.0												
60	75.1	312	47.6												
65	73.3	310	47.1												
68				75.0	311	47.9									
70	71.5	309	46.5	74.3	310	47.8									
75	69.6	307	45.9	72.4	309	47.7									
80	67.7	305	45.2	70.6	307	47.3									
85	65.8	302	44.3	68.7	305	47.1									
90	63.9	300	43.6	66.8	303	46.7									
95	61.9	297	43.0	64.9	301	46.2									
100	59.9	295	42.0	62.9	298	45.7									
105	57.8	291	41.1	60.9	295	45.3									
110							67.0	299	44.7						
110	55.7	288	40.2	58.9	292	44.6	66.9	299	44.7						
115	53.6	284	39.4	56.8	289	44.1	64.9	297	44.6						
120	51.3	280	38.7	54.7	286	43.5	63.0	294	44.5						
125	49.0	276	37.9	52.5	282	43.1	61.0	291	44.2						
130	46.6	272	36.9	50.3	278	42.6	58.9	289	44.0						
135	44.2	266	35.9	47.9	273	41.8	56.9	285	43.5						
140	41.6	261	35.1	45.5	268	41.0	54.7	282	42.9						
145	38.8	255	34.3	42.9	263	40.2	52.6	278	41.5						
150	35.9	248	33.5	40.3	257	39.5	50.3	274	39.7						
155	33.5	242	18.5	37.4	251	38.9	48.0	269	38.0						
159										57.0	277	31.8			
160	30.1	234	17.7	34.4	244	38.0	45.5	265	36.5	56.9	277	31.7			
165	26.3	224	16.9	31.1	236	35.8	43.0	259	35.0	54.8	273	30.4			
170	21.9	213	16.2	27.5	227	33.6	40.3	254	33.7	52.6	269	29.2			
175				24.3	219	17.8	38.2	249	24.4	50.4	265	28.1			
180				19.5	206	17.0	35.2	242	23.3	48.0	261	27.0			
185							32.0	234	22.5	45.6	256	26.0			
190							28.4	225	21.7	43.1	251	25.1			
195							24.4	215	20.9	40.4	245	24.1			
200							19.6	202	20.0	37.6	239	23.3			
205										34.6	232	22.5			
210										31.3	224	21.7			
215										27.7	215	20.9			
220										23.5	204	20.2			
225										18.5	190	19.5			
242													37.0	208	12.1
245													35.7	205	11.9
250													32.5	197	11.4
255													29.0	189	11.0
260													25.0	179	10.6
265													20.3	166	10.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 174 ft luffing jib 142 [ft] (2220), 174 [ft] (1311)</b>															
54	78.0	323	42.3												
55	77.7	323	42.3												
60	76.0	322	42.1												
65	74.3	321	41.9												
70	72.6	319	41.5												
71				75.0	320	41.9									
75	70.8	317	41.0	73.5	319	41.8									
80	69.1	315	40.6	71.7	317	41.7									
85	67.3	313	40.0	70.0	316	41.4									
90	65.5	311	39.3	68.2	314	41.1									
95	63.6	309	38.8	66.4	311	40.7									
100	61.8	306	38.4	64.6	309	40.2									
105	59.9	303	37.7	62.7	307	39.8									
110	57.9	300	37.0	60.9	304	39.4									
114							67.0	308	39.0						
115	55.9	297	36.4	58.9	301	38.9	66.4	308	38.9						
120	53.9	293	35.9	57.0	298	38.4	64.6	305	38.9						
125	51.8	289	35.4	55.0	294	37.9	62.8	303	38.8						
130	49.7	285	34.9	52.9	290	37.5	60.9	300	38.4						
135	47.4	280	34.2	50.8	286	37.2	59.0	297	38.1						
140	45.1	275	33.5	48.6	282	36.6	57.0	294	37.7						
145	43.3	271	21.7	46.4	277	36.1	55.0	290	37.2						
150	40.8	266	20.3	44.0	272	35.6	53.0	287	36.8						
155	38.2	259	18.9	41.6	267	35.1	50.8	283	36.5						
160	35.4	253	17.7	39.0	261	34.7	48.7	278	35.9						
164										57.0	285	30.2			
165	32.4	245	17.1	36.2	254	34.3	46.4	274	34.7	57.0	285	29.9			
170	29.1	236	16.5	33.3	247	33.1	44.1	268	33.3	55.1	282	28.8			
175	25.4	226	15.9	30.9	240	17.8	42.2	264	26.5	53.0	278	27.7			
180	21.1	214	15.4	27.4	231	17.1	39.6	258	25.6	50.9	274	26.6			
185				23.4	220	16.4	36.9	252	24.9	48.7	270	25.6			
190				18.7	207	15.8	34.0	245	23.9	46.5	265	24.6			
195							30.9	237	22.5	44.1	260	23.7			
200							27.5	227	21.2	41.7	254	22.9			
205							23.5	216	19.9	39.1	248	22.1			
210										36.4	242	21.3			
215										33.4	234	20.6			
220										30.3	226	19.9			
225										26.7	217	19.2			
230										22.7	205	18.5			
235										17.7	191	17.9			
250													37.0	214	11.0
250													37.0	214	10.9
255													34.5	208	10.6
260													31.4	200	10.2
265													28.0	191	9.8
270													24.1	180	9.4
275													19.6	167	9.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>142 ft main boom 184 ft luffing jib 142 [ft] (2220), 184 [ft] (1311)</b>															
56	78.0	333	37.5												
60	76.8	332	37.4												
65	75.1	331	37.3												
70	73.5	329	37.2												
73				75.0	330	37.0									
75	71.9	328	37.0	74.4	329	37.0									
80	70.2	326	36.6	72.8	328	36.9									
85	68.6	324	36.3	71.1	326	36.7									
90	66.9	322	35.8	69.4	324	36.5									
95	65.1	320	35.3	67.8	322	36.3									
100	63.4	317	34.9	66.1	320	35.8									
105	61.6	314	34.6	64.3	318	35.3									
110	59.8	311	34.1	62.6	315	35.0									
115	58.0	308	33.7	60.8	312	34.6									
117							67.0	317	34.3						
120	56.1	305	33.3	59.0	309	34.1	66.1	316	34.3						
125	54.7	302	28.3	57.1	306	33.7	64.4	314	34.3						
130	52.7	299	27.5	55.2	303	33.3	62.6	311	34.1						
135	50.7	295	26.8	53.8	300	29.1	60.8	308	33.7						
140	48.6	290	25.1	51.8	296	28.6	59.0	305	33.3						
145	46.5	286	23.4	49.7	292	27.1	57.6	303	30.7						
150	44.3	280	21.7	47.6	287	25.2	55.7	300	30.2						
155	42.0	275	20.2	45.5	282	23.5	53.8	296	29.7						
160	39.6	269	18.7	43.2	277	21.8	51.8	292	29.3						
165	37.0	263	17.5	40.9	272	20.2	49.8	288	28.8						
169										57.0	293	28.6			
170	34.3	255	16.5	38.4	265	18.8	47.7	283	28.1	57.0	293	28.4			
175	31.4	247	16.1	35.7	259	17.6	45.5	279	27.5	55.3	290	27.4			
180	28.1	238	15.7	32.9	251	17.1	43.3	273	26.9	53.4	287	26.3			
185	24.5	228	15.2	29.9	243	16.5	40.9	268	26.4	51.4	283	25.3			
190	20.3	216	14.8	26.5	233	16.0	38.4	262	25.9	49.4	278	24.3			
195				22.7	222	15.4	35.8	255	25.5	47.3	274	23.5			
200				18.0	208	14.8	33.0	247	24.0	45.1	269	22.6			
205							29.9	239	22.3	42.8	264	21.8			
210							26.6	229	20.6	40.4	258	21.0			
215							22.7	218	18.9	37.9	252	20.3			
220										35.3	245	19.6			
225										32.4	237	18.9			
230										29.3	228	18.3			
235										25.9	219	17.7			
240										21.9	207	17.1			
245										17.1	192	16.5			
257													37.0	220	10.0
260													36.2	218	9.9
265													33.4	210	9.5
270													30.4	202	9.2
275													27.1	193	8.8
280													23.3	182	8.5
285													18.9	168	8.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom 194 ft luffing jib 142 [ft] (2220), 194 [ft] (1311)</b>															
58	78.0	343	30.3												
60	77.8	342	30.3												
65	76.3	341	30.2												
70	74.7	340	30.1												
75	73.2	338	29.9												
76				75.0	339	29.6									
80	71.6	337	29.7	74.0	338	29.6									
85	70.1	335	29.5	72.5	337	29.6									
90	68.5	333	29.2	70.9	335	29.4									
95	66.9	331	28.7	69.3	333	29.2									
100	65.2	329	28.3	67.7	331	29.1									
105	63.6	326	27.9	66.1	329	28.6									
110	61.9	323	27.6	64.5	327	28.2									
115	60.2	321	26.9	62.8	324	27.9									
120	58.5	318	26.2	61.1	321	27.5									
121							67.0	326	27.5						
125	56.7	314	25.6	59.4	319	27.0	66.1	325	27.5						
130	54.9	311	25.0	57.7	315	26.5	64.5	323	27.5						
135	53.1	307	24.5	55.9	312	26.0	62.8	320	27.3						
140	51.2	303	24.1	54.1	308	25.6	61.1	318	27.0						
145	49.2	299	23.1	52.2	305	25.2	59.4	315	26.8						
150	47.2	294	21.9	50.3	300	24.5	57.7	312	26.6						
155	45.2	289	20.8	48.3	296	23.3	55.9	308	26.2						
160	43.0	284	19.7	46.3	291	22.2	54.1	305	25.8						
165	40.8	278	18.7	44.2	286	21.1	52.2	301	25.5						
170	38.4	272	17.8	42.0	281	20.1	50.3	297	25.2						
175										57.0	302	26.2			
175	35.9	266	17.0	39.7	275	19.1	48.3	292	24.8	57.0	302	24.8			
180	33.3	258	16.3	37.3	268	18.3	46.3	288	24.3	55.6	299	24.8			
185	30.4	250	15.7	34.7	261	17.5	44.2	282	23.9	53.7	295	24.7			
190	27.3	241	15.1	32.0	254	16.8	42.0	277	23.5	51.8	291	23.9			
195	23.8	230	14.5	29.0	245	16.0	39.7	271	23.1	49.9	287	23.0			
200	19.6	217	13.9	25.7	235	15.3	37.3	265	22.7	47.9	283	22.2			
205				21.9	223	14.5	34.7	258	22.2	45.9	278	21.4			
210							32.0	250	21.2	43.8	273	20.6			
215							29.0	241	20.1	41.6	267	19.9			
220							25.7	231	19.0	39.2	261	19.2			
225							22.0	220	17.9	36.8	255	18.5			
230										34.2	247	17.9			
235										31.4	239	17.3			
240										28.4	231	16.7			
245										25.0	220	16.1			
250										21.2	208	15.6			
255										16.4	193	15.0			
265													37.0	226	9.0
270													35.1	221	8.7
275													32.4	213	8.4
280													29.5	205	8.1
285													26.3	195	7.7
290													22.6	183	7.4
295													18.2	170	7.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 142  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>142 ft main boom 203 ft luffing jib 142 [ft] (2220), 203 [ft] (1311)</b>															
60	78.0	352	26.4												
65	77.0	351	26.3												
70	75.5	350	26.2												
75	74.0	349	26.1												
78				75.0	349	25.8									
80	72.6	347	25.9	74.8	349	25.8									
85	71.1	345	25.7	73.3	347	25.8									
90	69.6	344	25.6	71.9	346	25.8									
95	68.1	342	25.3	70.4	344	25.5									
100	66.5	339	24.8	68.9	342	25.4									
105	65.0	337	24.5	67.3	340	25.2									
110	63.4	335	24.2	65.8	338	24.8									
115	61.8	332	23.9	64.2	335	24.5									
120	60.2	329	23.5	62.6	333	24.2									
125	58.5	326	23.0	61.0	330	23.9									
130	56.9	323	22.6	59.4	327	23.6	65.8	334	23.9						
135	55.1	319	22.3	57.7	324	23.3	64.3	331	23.9						
140	53.4	316	22.0	56.1	321	23.0	62.7	329	23.7						
145	51.6	312	21.7	54.3	317	22.7	61.1	326	23.5						
150	49.8	308	21.2	52.6	313	22.5	59.4	323	23.3						
155	47.9	303	20.4	50.7	309	22.1	57.8	320	23.1						
160	45.9	298	19.7	48.9	305	21.5	56.1	317	22.9						
165	43.9	293	19.1	47.0	300	20.8	54.4	313	22.6						
170	41.8	288	18.4	45.0	295	20.2	52.6	309	22.4						
175	39.6	282	17.8	42.9	290	19.6	50.8	305	22.2						
180	37.3	275	17.3	40.8	284	19.1	48.9	301	22.0						
180										57.0	310	21.3			
185	34.9	268	16.8	38.6	278	18.6	47.0	296	21.6	55.7	307	21.3			
190	32.3	261	16.1	36.2	271	18.1	45.0	291	21.3	54.0	304	21.3			
195	29.5	252	15.3	33.7	264	17.3	43.0	286	21.0	52.2	300	21.1			
200	26.5	243	14.6	31.0	256	16.4	40.8	280	20.7	50.4	296	21.0			
205	23.0	231	13.8	28.1	247	15.6	38.6	274	20.5	48.5	291	20.9			
210	19.0	218	13.1	24.9	237	14.7	36.3	268	20.3	46.6	287	20.2			
215				21.2	225	13.8	33.8	260	19.7	44.6	282	19.5			
220							31.1	252	19.1	42.6	276	18.8			
225							28.2	243	18.5	40.4	271	18.1			
230							25.0	233	17.8	38.2	264	17.5			
235							21.3	221	17.2	35.8	258	16.9			
240										33.3	250	16.3			
245										30.5	242	15.8			
250										27.6	233	15.2			
255										24.3	222	14.7			
260										20.5	210	14.2			
265										15.8	194	13.7			
273													37.0	232	8.0
275													36.6	231	7.9
280													34.1	224	7.6
285													31.5	216	7.3
290													28.6	207	7.0
295													25.5	197	6.7
300													21.9	185	6.4
305													17.6	171	6.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

152

66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>66 ft luffing jib</b> <b>152 [ft] (2220), 66 [ft] (1311)</b>															
32	78.0	227	128.3												
35	75.5	227	128.3												
40	70.9	225	128.3												
44				75.0	226	128.3									
45	66.2	223	128.3	73.8	225	128.3									
50	61.2	220	128.3	69.2	223	128.3									
55	56.0	217	125.8	64.4	221	128.3									
60	50.4	213	123.9	59.3	218	125.9									
65	44.3	208	114.8	54.0	215	119.9									
70	37.3	202	106.8	48.2	210	113.6									
74							67.0	218	94.4						
75	28.9	193	90.4	41.8	205	105.4	65.8	218	94.4						
80				34.4	198	98.5	60.8	215	90.8						
85				25.1	189	87.3	55.5	211	84.9						
90							49.9	207	79.1						
95							43.7	202	73.9						
100							36.7	196	69.3						
105							28.1	188	65.0						
109										57.0	203	55.3			
110										56.2	203	54.8			
115										50.6	199	51.9			
120										44.5	194	49.2			
125										37.6	188	46.8			
130										29.3	179	44.5			
170													37.0	156	24.3
175													30.6	150	23.4
180													19.4	138	22.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 76 ft luffing jib 152 [ft] (2220), 75 [ft] (1311)</b>															
34	78.0	237	128.3												
35	77.5	237	128.3												
40	73.5	235	128.3												
45	69.5	233	128.3												
46				75.0	235	128.3									
50	65.3	231	127.5	72.0	234	128.3									
55	61.0	228	126.2	67.9	232	128.3									
60	56.5	225	118.8	63.7	229	125.4									
65	51.7	221	113.2	59.3	227	120.3									
70	46.5	217	106.2	54.7	223	112.0									
75	40.8	211	98.8	49.8	219	105.7									
78							67.0	227	88.8						
80	34.4	204	92.7	44.5	214	98.4	64.9	226	88.8						
85	26.5	195	81.5	38.6	208	91.2	60.6	223	84.5						
90				31.7	201	85.9	56.1	220	78.7						
95				22.9	190	77.3	51.3	216	73.6						
100							46.1	211	69.1						
105							40.3	206	65.0						
110							33.8	199	61.3						
115										57.0	211	51.7			
120							25.7	189	58.0	56.7	211	51.4			
125										51.9	207	48.8			
130										46.7	203	46.4			
135										41.1	197	44.1			
140										34.7	190	42.1			
178										26.9	181	40.1			
180													37.0	162	22.3
185													35.6	160	22.1
190													28.1	152	21.2
													17.6	139	20.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 152  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom</b> <b>85 ft luffing jib</b> <b>152 [ft] (2220), 85 [ft] (1311)</b>															
36	78.0	247	124.0												
40	75.5	246	123.4												
45	71.9	244	121.6												
49				75.0	245	122.5									
50	68.3	242	119.2	74.2	244	122.5									
55	64.6	240	115.7	70.6	243	121.6									
60	60.8	237	112.7	67.0	240	119.3									
65	56.8	234	106.6	63.2	238	114.6									
70	52.6	230	101.8	59.3	235	109.2									
75	48.2	226	94.3	55.3	232	102.1									
80	43.4	221	88.7	51.0	228	96.5									
81							67.0	236	83.2						
85	38.1	214	83.8	46.4	223	90.9	64.3	235	83.2						
90	32.0	207	78.0	41.5	218	85.4	60.5	232	78.3						
95	24.5	197	69.0	35.9	211	80.2	56.5	229	73.2						
100				29.4	203	73.9	52.3	225	68.7						
105				23.3	195	32.4	47.8	220	64.4						
110							42.9	215	61.0						
115							37.6	209	57.7						
120							31.4	201	54.7	57.0	220	48.3			
125							23.8	191	52.0	52.8	216	45.9			
130										48.4	212	43.7			
135										43.6	206	41.7			
140										38.3	200	39.8			
145										32.3	193	38.0			
150										24.9	183	36.4			
186													37.0	168	20.5
190													33.2	163	20.0
195													26.0	154	19.3
200													16.0	139	18.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 95 ft luffing jib 152 [ft] (2220), 95 [ft] (1311)</b>															
38	78.0	256	111.1												
40	77.0	256	111.1												
45	73.9	254	110.0												
50	70.7	253	108.0												
51				75.0	254	110.0									
55	67.4	251	105.8	72.7	253	109.8									
60	64.1	248	102.9	69.5	251	108.5									
65	60.7	245	100.5	66.2	249	106.3									
70	57.1	242	93.8	62.8	246	103.1									
75	53.4	239	91.4	59.4	244	99.2									
80	49.4	234	88.9	55.7	240	92.2									
85	45.3	230	83.4	51.9	236	89.7									
85							67.0	245	78.7						
90	40.7	224	78.5	47.9	232	85.5	63.8	243	78.1						
95	35.7	217	74.4	43.6	227	80.1	60.4	240	73.0						
100	30.0	209	68.1	39.0	221	75.1	56.8	237	68.5						
105	22.9	199	54.4	33.7	214	70.7	53.1	233	64.4						
110				27.6	205	65.5	49.1	229	60.8						
115				21.7	196	29.9	44.9	224	57.6						
120							40.3	219	54.6						
125							35.3	212	51.9						
125										57.0	228	45.5			
130							29.4	203	49.4	53.5	224	43.5			
135							22.2	193	47.1	49.6	220	41.5			
140										45.5	216	39.6			
145										40.9	210	37.9			
150										36.0	203	36.2			
155										30.2	195	34.7			
160										23.2	185	33.3			
194													37.0	174	19.1
195													36.7	173	19.0
200													31.1	165	18.4
205													24.3	155	17.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 105 ft luffing jib 152 [ft] (2220), 105 [ft] (1311)</b>															
40	78.0	266	98.3												
45	75.4	265	97.7												
50	72.6	263	95.9												
54				75.0	264	97.5									
55	69.7	261	94.5	74.4	263	97.4									
60	66.7	259	92.1	71.5	262	96.4									
65	63.7	257	89.6	68.6	260	95.3									
70	60.5	254	87.5	65.6	257	93.2									
75	57.3	251	84.3	62.5	255	91.1									
80	54.0	247	81.5	59.4	252	88.3									
85	50.5	243	79.4	56.1	249	84.9									
89							67.0	254	74.0						
90	46.8	239	75.5	52.7	245	82.1	66.5	254	74.0						
95	42.8	233	71.6	49.1	241	79.0	63.4	252	72.6						
100	38.5	227	68.2	45.3	236	74.7	60.3	249	68.1						
105	33.7	220	53.8	41.3	230	70.5	57.1	246	64.1						
110	28.3	211	50.7	36.8	224	66.5	53.7	242	60.5						
115	21.5	200	47.5	31.8	216	56.9	50.2	238	57.2						
120				25.9	207	53.4	46.4	233	54.3						
125							42.5	228	51.6						
130							38.1	222	49.1						
131										57.0	236	42.7			
135							33.3	214	46.8	54.1	233	41.0			
140							27.8	206	44.7	50.6	229	39.1			
145							20.8	194	42.7	46.9	224	37.4			
150										43.0	219	35.8			
155										38.7	213	34.3			
160										35.1	208	33.0			
165										29.9	200	31.7			
170										23.5	189	30.4			
201													37.0	180	17.6
205													34.6	176	17.2
210													29.3	168	16.6
215													22.8	157	16.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 115 ft luffing jib 152 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	275	87.9												
45	76.7	275	87.9												
50	74.1	273	86.8												
55	71.5	272	85.5												
57				75.0	273	87.0									
60	68.8	270	84.2	73.2	272	86.9									
65	66.1	268	82.0	70.5	270	86.4									
70	63.3	265	80.1	67.8	268	85.2									
75	60.5	262	78.3	65.1	266	83.4									
80	57.5	259	75.8	62.3	263	81.8									
85	54.5	256	73.6	59.4	260	79.7									
90	51.3	252	71.9	56.4	257	77.3									
93							67.0	263	69.6						
95	48.0	247	69.2	53.3	254	75.4	65.9	262	69.6						
100	44.4	242	66.0	50.1	249	73.5	63.1	260	67.7						
105	40.7	237	53.8	46.7	245	69.8	60.2	257	63.7						
110	36.6	230	50.9	43.1	240	66.3	57.3	254	60.1						
115	32.0	223	48.2	39.2	234	55.2	54.2	250	56.8						
120	26.8	213	45.5	35.0	227	52.9	51.0	246	53.9						
125	20.2	201	42.6	30.2	219	50.2	47.7	242	51.2						
130				24.5	208	47.5	44.1	237	48.7						
135							40.3	231	46.5						
136										57.0	244	40.1			
140							36.2	225	44.4	54.6	242	38.7			
145							31.6	217	42.4	51.4	238	37.0			
150							26.3	207	40.6	48.1	233	35.4			
155							19.6	195	38.9	44.6	228	33.9			
160										41.7	224	32.6			
165										37.8	218	31.3			
170										33.3	211	30.1			
175										28.3	202	28.9			
180										22.2	191	27.8			
209													37.0	185	16.2
210													37.0	185	16.1
215													32.9	179	15.6
220													27.8	170	15.0
225													21.5	158	14.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 125 ft luffing jib 152 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	285	78.0												
45	77.8	285	78.0												
50	75.4	284	77.3												
55	73.0	282	76.4												
59				75.0	283	77.3									
60	70.6	280	75.1	74.5	282	77.3									
65	68.1	278	73.8	72.1	281	77.1									
70	65.6	276	72.1	69.7	279	76.3									
75	63.0	274	70.6	67.2	277	75.3									
80	60.4	271	69.2	64.6	274	73.8									
85	57.7	268	67.3	62.0	272	72.6									
90	54.9	264	65.6	59.4	269	71.2									
95	52.0	260	58.1	56.6	266	69.7									
97							67.0	273	65.2						
100	49.0	256	55.8	53.8	262	68.4	65.4	271	65.2						
105	45.8	251	52.8	50.9	258	67.3	62.8	268	63.4						
110	42.4	246	49.9	47.8	254	58.5	60.2	266	59.8						
115	38.8	240	47.4	44.6	249	54.7	57.4	263	56.6						
120	34.9	233	45.3	41.1	243	51.3	54.6	259	53.6						
125	30.5	225	42.9	37.4	237	48.3	51.7	255	51.0						
130	25.4	215	40.4	33.3	229	46.0	48.7	251	48.5						
135	20.8	206	20.7	28.7	221	43.9	45.5	246	46.2						
140				23.3	210	41.9	42.1	241	44.2						
141										57.0	253	37.9			
145							38.5	235	42.2	55.0	250	36.7			
150							34.5	228	40.4	52.1	246	35.1			
155							30.1	219	38.8	49.1	242	33.7			
160							25.0	209	37.2	46.7	238	32.3			
165							20.2	200	27.5	43.4	233	31.1			
170										39.8	227	29.8			
175										36.0	221	28.7			
180										31.8	213	27.6			
185										26.9	204	26.6			
190										21.1	192	25.6			
217													37.0	191	15.0
220													35.6	189	14.8
225													31.3	181	14.2
230													26.4	172	13.7
235													20.4	160	13.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 135 ft luffing jib 152 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	295	69.6												
50	76.5	294	69.4												
55	74.3	292	68.8												
60	72.1	291	67.8												
62				75.0	292	69.1									
65	69.8	289	66.8	73.5	291	69.0									
70	67.5	287	65.5	71.2	289	68.7									
75	65.1	285	60.5	68.9	288	67.8									
80	62.8	282	59.2	66.6	285	66.7									
85	60.3	279	57.7	64.3	283	65.5									
90	57.8	276	55.8	61.9	280	61.3									
95	55.2	273	54.1	59.4	277	59.8									
100	52.6	269	52.6	56.9	274	58.3									
101							67.0	282	60.3						
105	49.8	265	51.2	54.2	271	57.0	64.9	280	60.3						
110	46.9	260	48.6	51.5	267	55.9	62.6	277	59.4						
115	43.9	255	46.2	48.7	262	53.4	60.1	274	56.2						
120	40.6	249	44.1	45.8	258	50.5	57.6	271	53.2						
125	37.2	243	42.1	42.7	252	47.9	55.0	268	50.6						
130	33.4	236	40.4	39.4	246	45.4	52.3	264	48.1						
135	29.2	227	38.3	35.8	240	43.4	49.6	260	45.9						
140	24.3	217	36.1	31.9	232	41.4	46.6	255	43.8						
145	19.7	207	19.1	27.5	223	39.5	43.6	250	41.9						
147										57.0	261	35.7			
150				22.2	212	37.5	40.3	244	40.1	55.3	259	34.7			
155							36.9	238	38.4	52.7	255	33.2			
160							33.1	230	36.9	50.6	252	31.9			
165							28.8	221	35.4	47.7	247	30.6			
170							23.8	211	34.0	44.7	242	29.4			
175							19.2	201	25.1	41.5	237	28.3			
180										38.1	231	27.2			
185										34.5	224	26.2			
190										30.4	215	25.3			
195										25.7	206	24.4			
200										20.0	193	23.5			
225													37.0	197	13.7
230													34.1	192	13.3
235													30.0	183	12.8
240													25.2	173	12.4
245													19.4	161	11.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>152 ft main boom 144 ft luffing jib 152 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	304	59.2												
50	77.4	304	59.2												
55	75.4	303	58.6												
60	73.3	301	57.9												
64				75.0	302	58.5									
65	71.2	300	56.9	74.6	301	58.5									
70	69.1	298	56.0	72.6	300	58.3									
75	67.0	296	54.6	70.4	298	57.8									
80	64.8	293	53.3	68.3	296	56.8									
85	62.5	291	52.3	66.1	294	55.7									
90	60.3	288	51.1	63.9	291	54.6									
95	57.9	285	49.6	61.7	289	53.7									
100	55.5	281	48.2	59.4	286	52.5									
105							67.0	291	55.0						
105	53.1	278	47.0	57.0	283	51.3	66.8	290	55.0						
110	50.5	274	46.0	54.6	279	50.2	64.6	288	55.0						
115	47.8	269	44.1	52.1	275	49.3	62.3	285	54.5						
120	45.1	264	42.1	49.5	271	47.9	60.1	283	52.8						
125	42.1	259	40.3	46.8	267	45.8	57.7	279	50.2						
130	39.0	253	38.7	44.0	261	43.8	55.3	276	47.7						
135	35.7	246	37.3	41.0	256	42.0	52.8	272	45.5						
140	32.0	238	35.6	37.8	250	40.4	50.3	268	43.4						
145	28.0	229	33.8	34.4	243	38.9	47.6	264	41.5						
150	24.4	221	18.3	30.6	234	37.0	44.8	259	39.7						
152										57.0	269	33.6			
155	18.8	208	17.5	26.3	225	35.1	41.9	253	38.1	56.2	268	32.8			
160				21.2	213	33.1	38.8	247	36.5	53.7	264	31.5			
165							35.4	240	35.1	51.2	260	30.2			
170							31.7	233	33.7	48.6	256	29.0			
175							28.6	226	24.8	45.8	251	27.9			
180							24.0	215	23.5	43.0	246	26.8			
185							18.3	202	22.3	39.9	240	25.8			
190										36.6	234	24.9			
195										33.1	226	24.0			
200										29.2	218	23.1			
205										24.6	207	22.3			
233													37.0	203	12.5
235													36.3	202	12.4
240													32.7	194	11.9
245													28.8	186	11.5
250													24.2	175	11.1
255													18.5	162	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 154 ft luffing jib 152 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	314	52.7												
55	76.3	313	52.6												
60	74.4	311	52.0												
65	72.5	310	51.2												
67				75.0	311	52.2									
70	70.5	308	50.4	73.7	310	52.1									
75	68.5	306	49.6	71.7	309	52.0									
80	66.5	304	48.4	69.8	307	51.2									
85	64.4	302	47.4	67.8	305	50.6									
90	62.3	299	46.6	65.7	302	49.7									
95	60.2	296	45.6	63.7	300	48.9									
100	58.0	293	44.3	61.6	297	48.2									
105	55.8	290	43.2	59.4	294	47.2									
108							67.0	300	49.2						
110	53.5	286	42.2	57.2	291	46.2	66.3	299	49.1						
115	51.1	282	41.3	54.9	288	45.4	64.3	297	49.1						
120	48.6	278	40.1	52.6	284	44.6	62.2	294	48.8						
125	46.1	273	38.7	50.2	280	43.8	60.0	291	47.9						
130	43.4	268	37.3	47.7	275	42.4	57.8	288	47.2						
135	40.6	262	36.1	45.1	270	41.1	55.6	285	45.2						
140	37.6	256	34.9	42.4	265	39.9	53.3	281	43.2						
145	34.4	249	33.9	39.5	259	38.7	50.9	277	41.2						
150	31.7	243	18.2	36.4	253	37.7	48.4	273	39.5						
155	27.9	234	17.5	33.1	245	36.3	45.9	268	37.8						
158										57.0	277	31.5			
160	23.4	223	16.7	29.4	237	34.5	43.2	263	36.3	56.4	277	31.2			
165				26.3	229	18.5	40.3	257	34.8	54.1	273	29.9			
170				21.6	217	17.6	37.3	250	33.5	51.8	269	28.7			
175							34.9	245	25.5	49.3	265	27.6			
180							31.4	237	24.3	46.8	260	26.5			
185							27.5	228	23.1	44.2	255	25.6			
190							23.0	217	21.8	41.4	250	24.6			
195										38.4	243	23.7			
200										35.3	237	22.9			
205										31.9	229	22.1			
210										28.0	220	21.3			
215										23.6	209	20.6			
241													37.0	209	11.5
245													35.0	205	11.2
250													31.5	197	10.8
255													27.6	188	10.4
260													23.2	177	10.0
265													17.6	163	9.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 164 ft luffing jib 152 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	324	46.3												
55	77.2	323	46.3												
60	75.4	322	45.9												
65	73.6	320	45.4												
69				75.0	321	45.9									
70	71.7	319	44.7	74.7	320	45.8									
75	69.9	317	44.0	72.9	319	45.7									
80	68.0	315	43.3	71.0	317	45.4									
85	66.1	313	42.4	69.2	315	45.0									
90	64.1	310	41.6	67.3	313	44.5									
95	62.2	308	41.0	65.4	311	43.8									
100	60.2	305	40.1	63.4	308	43.2									
105	58.1	302	39.0	61.4	306	42.8									
110	56.0	298	38.1	59.4	303	42.0									
112							67.0	309	43.3						
115	53.9	295	37.3	57.3	300	41.2	65.9	307	43.2						
120	51.6	291	36.6	55.2	296	40.5	64.0	305	43.2						
125	49.3	287	35.8	53.0	293	39.9	62.0	302	43.0						
130	47.0	282	34.8	50.8	289	39.4	60.0	300	42.8						
135	44.5	277	33.9	48.5	284	38.7	57.9	296	42.6						
140	41.9	272	33.1	46.1	279	37.9	55.8	293	41.6						
145	39.8	267	19.7	43.6	274	37.2	53.7	289	40.7						
150	37.0	260	18.3	40.9	269	36.6	51.5	286	39.1						
155	33.9	253	17.2	38.1	262	36.0	49.2	281	37.4						
160	30.6	245	16.6	35.2	255	35.5	46.8	277	35.9						
163										57.0	286	29.7			
165	26.8	236	15.9	31.9	248	33.8	44.3	272	34.5	56.6	285	29.5			
170	22.5	224	15.2	29.2	241	17.9	41.7	266	33.1	54.5	281	28.3			
175				25.3	231	17.1	39.6	262	26.3	52.3	278	27.2			
180				20.7	219	16.3	36.7	255	25.0	50.0	274	26.1			
185							33.7	248	23.9	47.6	269	25.1			
190							30.3	239	22.6	45.2	264	24.2			
195							26.5	230	21.3	42.7	259	23.3			
200							22.1	218	20.1	40.0	253	22.5			
205										37.1	247	21.7			
210										34.1	239	20.9			
215										30.7	231	20.2			
220										27.0	222	19.5			
225										22.7	211	18.8			
249													37.0	215	10.4
250													36.8	215	10.3
255													33.8	207	9.9
260													30.4	199	9.6
265													26.6	190	9.2
270													22.3	178	8.8
275													16.9	164	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 174 ft luffing jib 152 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	333	41.3												
55	77.9	333	41.3												
60	76.2	332	41.2												
65	74.5	331	40.9												
70	72.8	329	40.4												
72				75.0	330	40.8									
75	71.1	327	39.9	73.9	329	40.8									
80	69.3	325	39.4	72.2	328	40.7									
85	67.5	323	38.7	70.4	326	40.4									
90	65.7	321	38.0	68.6	324	40.0									
95	63.9	319	37.4	66.9	322	39.6									
100	62.0	316	36.9	65.0	319	39.0									
105	60.1	313	36.2	63.2	317	38.6									
110	58.2	310	35.4	61.3	314	38.2									
115	56.2	307	34.7	59.4	311	37.6									
116							67.0	318	38.4						
120	54.2	303	34.0	57.5	308	37.0	65.6	316	38.4						
125	52.1	299	33.5	55.5	305	36.5	63.7	314	38.4						
130	50.5	296	26.7	53.4	301	36.0	61.9	311	38.1						
135	48.3	292	24.7	51.3	297	35.6	60.0	308	37.8						
140	46.0	287	22.9	49.2	293	35.1	58.0	305	37.6						
145	43.6	282	21.1	46.9	288	34.5	56.0	302	36.9						
150	41.2	276	19.5	44.6	283	34.0	54.0	298	36.3						
155	38.5	270	18.0	42.2	278	33.5	51.9	294	35.8						
160	35.8	263	16.7	40.2	273	20.6	49.8	290	35.4						
165	32.8	256	16.0	37.5	267	19.0	47.6	285	34.1						
168										57.0	294	28.0			
170	29.5	247	15.5	34.7	260	17.8	45.8	282	28.7	56.8	294	27.8			
175	25.9	238	15.0	31.6	252	17.1	43.4	277	27.4	54.8	290	26.7			
180	21.7	226	14.5	28.3	243	16.5	40.9	271	26.3	52.7	286	25.7			
185				24.5	233	15.8	38.3	265	25.3	50.6	282	24.7			
190				20.0	220	15.1	35.5	258	24.4	48.4	278	23.8			
195							32.5	250	23.0	46.1	273	22.9			
200							29.3	242	21.6	43.7	268	22.1			
205							25.6	232	20.1	41.3	262	21.3			
210							21.3	220	18.6	38.7	256	20.5			
215										35.9	249	19.8			
220										32.9	242	19.1			
225										29.7	234	18.5			
230										26.1	224	17.8			
235										21.9	212	17.2			
256													37.0	221	9.3
260													35.6	218	9.1
265													32.6	210	8.8
270													29.4	201	8.4
275													25.7	192	8.1
280													21.5	180	7.8
285													16.2	164	7.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 184 ft luffing jib 152 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	343	36.4												
60	77.0	342	36.3												
65	75.4	341	36.2												
70	73.7	339	36.0												
74				75.0	340	35.8									
75	72.1	338	35.6	74.8	339	35.8									
80	70.5	336	35.2	73.1	338	35.8									
85	68.8	334	34.8	71.5	336	35.7									
90	67.1	332	34.2	69.8	334	35.3									
95	65.4	330	33.7	68.2	332	35.1									
100	63.6	327	33.2	66.5	330	34.7									
105	62.3	325	31.1	64.7	328	34.3									
110	60.5	322	30.3	63.0	325	34.0									
115	58.7	319	29.2	61.2	323	33.7									
120							67.0	327	33.6						
120	56.8	316	28.2	59.4	320	33.2	67.0	327	33.6						
125	54.9	313	27.3	58.0	317	29.5	65.2	325	33.6						
130	53.0	309	26.5	56.1	314	28.7	63.5	322	33.6						
135	51.0	305	25.8	54.2	311	28.1	61.7	319	33.2						
140	48.9	301	24.2	52.3	307	27.5	60.4	317	30.4						
145	46.8	296	22.4	50.2	303	26.4	58.5	314	30.0						
150	44.6	291	20.7	48.2	298	24.6	56.7	311	29.6						
155	42.3	286	19.2	46.0	293	22.8	54.8	307	29.2						
160	39.9	280	17.7	43.8	288	21.2	52.8	304	28.8						
165	37.4	273	16.4	41.4	283	19.7	50.8	300	28.5						
170	34.7	266	15.4	39.0	277	18.3	48.8	295	27.9						
174										57.0	302	26.5			
175	31.8	258	15.0	36.4	270	17.0	46.6	291	27.1	56.9	302	26.4			
180	28.6	250	14.6	33.6	263	16.3	44.4	286	26.4	55.0	299	25.4			
185	25.1	239	14.2	30.6	255	15.7	42.1	280	25.7	53.1	295	24.4			
190	21.0	227	13.8	27.3	245	15.1	39.7	274	25.1	51.1	291	23.5			
195				23.6	234	14.5	37.1	268	24.5	49.0	287	22.6			
200				19.2	221	13.9	34.4	261	23.7	46.9	282	21.8			
205							31.5	253	22.1	44.7	277	21.0			
210							28.3	244	20.4	42.4	272	20.2			
215							24.8	234	18.8	40.0	266	19.5			
220							20.6	221	17.2	37.5	259	18.9			
225										34.8	252	18.2			
230										31.9	245	17.6			
235										28.8	236	17.0			
240										25.2	226	16.4			
245										21.2	214	15.8			
264													37.0	227	8.5
265													37.0	227	8.4
270													34.5	220	8.1
275													31.6	213	7.8
280													28.4	204	7.5
285													24.9	193	7.2
290													20.7	181	6.9
295													15.5	165	6.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 194 ft luffing jib 152 [ft] (2220), 194 [ft] (1311)</b>															
59	78.0	352	32.2												
60	78.0	352	30.3												
65	76.5	351	30.1												
70	75.0	350	30.0												
75	73.4	348	29.9												
77				75.0	349	29.6									
80	71.9	347	29.7	74.4	349	29.6									
85	70.3	345	29.4	72.8	347	29.6									
90	68.7	343	29.1	71.3	345	29.5									
95	67.1	341	28.6	69.7	344	29.2									
100	65.5	339	28.2	68.1	342	29.0									
105	63.8	336	27.8	66.5	339	28.6									
110	62.2	334	27.4	64.9	337	28.2									
115	60.5	331	26.7	63.2	335	27.8									
120	58.7	328	25.9	61.5	332	27.5									
124							67.0	336	27.3						
125							67.0	336	27.3						
130	57.0	325	25.1	59.8	329	26.8	67.0	336	27.3						
135	55.2	321	24.3	58.1	326	26.1	65.3	334	27.2						
140	53.3	318	23.7	56.3	323	25.5	63.7	331	27.2						
145	51.4	314	23.1	54.5	319	25.0	62.0	329	26.9						
145	49.5	309	22.2	52.6	315	24.5	60.3	326	26.7						
150	47.5	305	21.0	50.7	311	23.9	58.6	323	26.4						
155	45.4	300	19.9	48.8	307	22.7	56.8	319	26.1						
160	43.3	295	18.8	46.8	302	21.6	55.0	316	25.7						
165	41.1	289	17.8	44.7	297	20.5	53.2	312	25.4						
170	38.7	283	16.9	42.5	292	19.4	51.3	308	25.2						
175	36.3	276	16.1	40.2	286	18.5	49.3	304	24.8						
179										57.0	310	25.1			
180	33.6	269	15.4	37.8	280	17.6	47.3	299	24.0	57.0	310	24.3			
185	30.8	261	14.9	35.3	273	16.9	45.3	295	23.3	55.2	307	24.0			
190	27.7	252	14.3	32.6	265	16.2	43.1	289	22.7	53.4	303	23.1			
195	24.3	241	13.8	29.7	257	15.6	40.9	284	22.1	51.5	299	22.2			
200	20.3	229	13.2	26.5	247	14.9	38.5	278	21.5	49.6	295	21.4			
205				22.9	236	14.2	36.1	271	21.0	47.6	291	20.6			
210				18.6	222	13.6	33.4	263	20.1	45.5	286	19.8			
215							30.6	255	19.1	43.4	281	19.1			
220							27.5	246	18.0	41.2	275	18.5			
225							24.0	235	16.9	38.8	269	17.8			
230							19.9	222	15.8	36.4	262	17.2			
235										33.8	255	16.6			
240										31.0	247	16.0			
245										27.9	238	15.5			
250										24.4	227	14.9			
255										20.5	215	14.4			
272													37.0	233	7.5
275													36.1	230	7.4
280													33.5	223	7.0
285													30.7	215	6.7
290													27.6	206	6.4
295													24.1	195	6.2
300													20.0	182	5.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 152  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>152 ft main boom 203 ft luffing jib 152 [ft] (2220), 203 [ft] (1311)</b>															
61	78.0	362	26.2												
65	77.2	361	26.2												
70	75.7	360	26.0												
75	74.2	359	25.9												
79				75.0	359	27.4									
80	72.8	357	25.8	75.0	359	25.6									
85	71.3	355	25.5	73.7	357	25.6									
90	69.8	354	25.3	72.2	356	25.6									
95	68.3	352	25.1	70.7	354	25.3									
100	66.7	350	24.7	69.2	352	25.2									
105	65.2	347	24.3	67.7	350	25.1									
110	63.6	345	24.0	66.2	348	24.7									
115	62.0	342	23.8	64.6	346	24.4									
120	60.4	339	23.2	63.0	343	24.1									
125	58.8	336	22.5	61.4	340	23.8									
128							67.0	345	23.4						
130							66.6	344	23.4						
135	57.1	333	21.9	59.8	337	23.3	66.6	344	23.4						
140	55.4	330	21.4	58.1	334	22.7	65.1	342	23.4						
145	53.6	326	20.9	56.5	331	22.3	63.5	340	23.4						
150	51.9	322	20.4	54.7	328	21.8	61.9	337	23.1						
155	50.0	318	19.9	53.0	324	21.4	60.3	334	23.0						
160	48.1	314	19.3	51.2	320	21.1	58.6	331	22.8						
165	46.2	309	18.7	49.3	316	20.5	56.9	328	22.6						
170	44.2	304	18.1	47.4	311	19.9	55.2	324	22.3						
175	42.1	298	17.5	45.5	306	19.3	53.5	321	22.0						
185	39.9	292	17.0	43.4	301	18.8	51.7	317	21.8						
180	37.7	286	16.5	41.3	295	18.3	49.9	313	21.6						
184										57.0	319	21.9			
185	35.3	279	16.0	39.1	289	17.8	48.0	308	20.9	57.0	319	20.4			
190	32.7	272	15.4	36.8	283	17.4	46.0	304	20.3	55.5	316	20.4			
195	29.9	263	14.7	34.3	276	16.8	44.0	298	19.7	53.7	312	20.4			
200	26.9	254	14.0	31.7	268	16.1	41.9	293	19.1	51.9	308	20.2			
205	23.5	243	13.3	28.9	259	15.4	39.8	287	18.5	50.1	304	20.1			
210	19.6	230	12.6	25.7	249	14.7	37.5	281	18.0	48.2	300	19.4			
215				22.2	238	13.9	35.1	274	17.6	46.3	295	18.7			
220							32.5	266	17.0	44.3	290	18.0			
225							29.7	258	16.4	42.2	284	17.4			
230							26.7	248	15.8	40.0	278	16.8			
235							23.2	237	15.2	37.8	272	16.2			
240							19.2	224	14.6	35.4	265	15.6			
245										32.8	258	15.1			
250										30.1	249	14.6			
255										27.1	240	14.1			
260										23.7	229	13.6			
265										19.8	216	13.1			
280													37.0	239	6.4
285													35.1	233	6.3
290													32.6	226	6.0
295													29.8	217	5.7
300													26.8	208	5.5
305													23.4	197	5.2
310													19.4	184	4.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>161 ft main boom</b> <b>66 ft luffing jib</b> <b>161 [ft] (2220), 66 [ft] (1311)</b>															
33	78.0	236	128.3												
35	76.1	236	128.3												
40	71.5	234	128.3												
45				75.0	234	128.3									
45	66.8	232	128.3	74.8	234	128.3									
50	61.8	229	128.2	70.2	233	128.3									
55	56.6	226	122.7	65.4	230	128.2									
60	51.1	222	118.1	60.4	228	126.8									
65	45.1	217	111.8	55.2	224	118.1									
70	38.2	211	105.9	49.5	220	111.4									
75	30.0	203	91.7	43.3	215	103.7									
76							67.0	227	89.5						
80	21.8	195	33.0	36.1	208	97.4	63.1	225	89.0						
85				27.4	200	89.0	58.0	222	83.9						
90							52.5	218	78.2						
95							46.6	213	73.1						
100							40.0	208	68.6						
105							32.3	200	64.5						
110							22.1	190	60.8						
113										57.0	211	51.9			
115										54.9	210	50.8			
120										49.2	206	48.2			
125										42.9	200	45.8			
130										35.7	194	43.6			
135										26.8	185	41.5			
176													37.0	162	21.9
180													32.8	158	21.4
185													22.8	148	20.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>161 ft main boom</b> <b>76 ft luffing jib</b> <b>161 [ft] (2220), 75 [ft] (1311)</b>															
35	78.0	246	128.3												
35	77.9	246	128.3												
40	74.0	244	128.3												
45	70.0	243	127.0												
47				75.0	244	128.2									
50	65.8	240	122.4	72.9	243	128.1									
55	61.5	238	117.8	68.8	241	125.7									
60	57.0	235	111.5	64.6	239	120.4									
65	52.3	231	106.4	60.3	236	115.3									
70	47.2	226	101.3	55.7	233	107.8									
75	41.6	221	93.0	50.9	229	102.2									
80							67.0	236	83.8						
80	35.2	214	91.0	45.7	224	92.9	66.9	236	83.8						
85	27.6	205	81.5	39.9	218	89.1	62.6	233	82.9						
90				33.3	211	85.0	58.2	230	77.8						
95				25.1	202	77.4	53.5	227	72.8						
100							48.5	222	68.3						
105							43.0	217	63.5						
110							36.9	211	60.7						
115							29.7	203	57.4						
118										57.0	219	48.6			
120							20.1	191	54.3	55.5	218	47.7			
125										50.6	214	45.4			
130										45.4	209	43.2			
135										39.6	204	41.2			
140										32.9	196	39.3			
145										24.5	187	37.5			
184													37.0	168	20.3
185													37.0	168	20.1
190													30.2	160	19.4
195													20.7	149	18.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>85 ft luffing jib</b> <b>161 [ft] (2220), 85 [ft] (1311)</b>															
37	78.0	255	118.7												
40	75.9	255	118.3												
45	72.4	253	116.4												
50				75.0	253	117.1									
50	68.8	251	113.7	74.9	253	117.1									
55	65.1	249	109.5	71.4	252	116.6									
60	61.3	246	106.2	67.8	250	114.3									
65	57.3	243	101.1	64.1	247	109.7									
70	53.2	239	95.0	60.2	244	105.5									
75	48.7	235	92.8	56.2	241	99.2									
80	44.0	230	87.6	52.0	237	93.8									
84							67.0	245	79.2						
85	38.7	224	83.1	47.5	233	89.5	66.0	244	79.2						
90	32.8	217	78.3	42.6	228	84.1	62.3	242	77.4						
95	25.6	207	69.8	37.2	221	79.6	58.3	239	72.4						
100				30.9	214	74.1	54.2	235	67.9						
105				23.2	203	67.5	49.9	231	63.9						
110							45.2	226	60.3						
115							40.1	220	57.1						
120							34.4	214	54.1						
124									57.0	228	45.5				
125							27.6	205	51.4	56.0	227	44.9			
130							18.4	192	48.9	51.7	223	42.7			
135										47.2	218	40.8			
140										42.3	213	38.9			
145										36.9	207	37.2			
150										30.6	199	35.6			
155										22.7	188	34.1			
192													37.0	174	18.5
195													34.7	171	18.2
200													28.0	162	17.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 95 ft luffing jib 161 [ft] (2220), 95 [ft] (1311)</b>															
39	78.0	265	105.2												
40	77.4	265	105.2												
45	74.3	263	104.1												
50	71.1	262	101.9												
52				75.0	263	104.1									
55	67.8	260	99.5	73.4	262	104.0									
60	64.5	257	94.9	70.2	260	103.1									
65	61.1	255	93.6	66.9	258	101.4									
70	57.5	251	89.7	63.6	256	98.2									
75	53.8	248	86.5	60.1	253	94.7									
80	49.9	244	83.9	56.5	250	90.2									
85	45.8	239	79.8	52.8	246	86.6									
88							67.0	254	74.6						
90	41.3	234	76.0	48.8	242	83.0	65.4	253	74.6						
95	36.4	227	72.8	44.6	237	78.3	62.0	250	72.1						
100	30.7	219	67.6	40.0	231	74.2	58.5	247	67.7						
105	23.9	209	52.4	34.9	224	70.4	54.8	244	63.2						
110				29.0	216	59.7	50.9	240	60.1						
115				21.6	205	55.8	46.9	235	56.9						
120							42.5	230	54.0						
125							37.7	224	51.3						
129										57.0	236	42.9			
130							32.2	216	48.8	56.3	235	42.5			
135							25.8	207	46.5	52.6	232	40.5			
140							19.4	197	32.4	48.6	227	38.7			
145										44.4	222	37.0			
150										39.7	216	35.4			
155										34.6	210	33.9			
160										30.1	203	32.6			
165										23.1	193	31.3			
200													37.0	180	17.3
200													37.0	180	17.2
205													32.6	174	16.7
210													26.2	164	16.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 105 ft luffing jib 161 [ft] (2220), 105 [ft] (1311)</b>															
41	78.0	275	93.9												
45	75.8	274	93.4												
50	72.9	272	91.8												
55	70.0	270	90.0	75.0	272	93.1									
60	67.1	268	87.9	72.1	271	92.7									
65	64.0	266	85.4	69.2	269	91.8									
70	60.9	263	83.6	66.2	267	90.2									
75	57.7	260	80.4	63.2	264	88.3									
80	54.4	256	77.8	60.1	261	86.2									
85	50.9	252	75.7	56.8	258	82.6									
90	47.2	248	72.8	53.4	255	79.7									
91							67.0	263	70.4						
95	43.3	243	69.7	49.9	250	77.2	64.8	261	70.3						
100	39.1	237	67.0	46.2	246	73.2	61.7	259	67.3						
105	34.4	230	63.0	42.2	240	69.5	58.5	256	63.3						
110	29.0	221	49.6	37.8	234	66.2	55.2	252	59.7						
115	22.4	210	46.2	33.0	227	55.8	51.8	248	56.5						
120				27.3	218	52.7	48.2	244	53.6						
125				22.1	209	25.9	44.3	239	50.9						
130							40.2	233	48.5						
135										57.0	244	40.2			
135							35.6	226	46.2	56.6	244	40.0			
140							30.4	218	44.1	53.3	240	38.2			
145							24.2	208	42.2	49.7	236	36.5			
150							18.1	198	30.2	46.0	231	35.0			
155										41.9	226	33.5			
160										38.6	221	32.2			
165										33.9	214	30.9			
170										28.4	205	29.7			
175										21.7	194	28.6			
208													37.0	186	15.8
210													35.9	184	15.6
215													30.7	176	15.1
220													24.6	166	14.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 115 ft luffing jib 161 [ft] (2220), 115 [ft] (1311)</b>															
43	78.0	284	83.5												
45	77.0	284	83.5												
50	74.4	282	82.1												
55	71.8	281	80.7												
58				75.0	282	82.9									
60	69.2	279	79.3	73.7	281	82.8									
65	66.4	277	77.3	71.1	279	82.3									
70	63.7	274	75.4	68.4	278	81.3									
75	60.8	272	73.9	65.7	275	79.8									
80	57.9	268	71.4	62.9	273	78.3									
85	54.8	265	69.3	60.0	270	76.7									
90	51.7	261	67.6	57.1	267	74.3									
95	48.4	257	65.5	54.0	263	72.3									
95							67.0	272	65.9						
100	44.9	252	55.8	50.8	259	70.7	64.4	270	65.8						
105	41.2	246	52.3	47.4	255	67.6	61.5	267	62.9						
110	37.1	240	49.3	43.9	250	56.9	58.6	264	59.3						
115	32.6	232	46.6	40.1	244	53.6	55.6	261	56.1						
120	27.5	223	43.6	35.9	237	50.7	52.5	257	53.2						
125	21.1	212	40.7	31.3	229	48.5	49.2	253	50.6						
130				25.9	220	46.2	45.8	248	48.1						
135				20.8	210	23.4	42.1	243	45.9						
140										57.0	252	37.8			
140							38.2	236	43.8	56.9	252	37.7			
145							33.8	229	41.9	53.8	249	36.1			
150							28.8	221	40.1	50.6	245	34.5			
155							22.9	210	38.4	47.2	240	33.1			
160							17.0	199	27.5	44.5	236	31.8			
165										40.8	231	30.5			
170										36.7	224	29.3			
175										32.1	217	28.2			
180										26.9	207	27.1			
185										20.4	195	26.1			
216													37.0	192	14.4
220													34.1	187	14.1
225													29.2	178	13.6
230													23.3	168	13.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>125 ft luffing jib</b> <b>161 [ft] (2220), 125 [ft] (1311)</b>															
45	78.0	294	75.0												
50	75.7	293	74.1												
55	73.3	291	73.0												
60	70.9	289	71.7												
60				75.0	291	74.6									
65	68.4	288	70.5	72.6	290	74.4									
70	65.9	285	68.7	70.2	288	73.7									
75	63.3	283	67.3	67.7	286	72.7									
80	60.7	280	66.0	65.2	284	71.4									
85	58.0	277	64.6	62.6	281	70.2									
90	55.2	274	63.0	60.0	278	69.1									
95	52.3	270	61.7	57.2	275	67.5									
99							67.0	281	62.1						
100	49.3	266	60.4	54.4	272	66.2	66.5	281	62.1						
105	46.2	261	59.1	51.5	268	64.0	64.0	278	62.1						
110	42.8	256	57.8	48.5	263	61.4	61.4	276	59.1						
115	39.3	250	56.5	45.3	259	58.7	58.7	273	55.9						
120	35.4	243	55.2	41.9	253	55.9	55.9	269	53.0						
125	31.1	235	54.0	38.2	247	53.1	53.1	266	50.3						
130	26.1	225	52.9	34.3	240	50.1	50.1	261	47.9						
135	20.0	213	51.7	29.8	232	47.0	47.0	257	45.7						
140			50.6	24.6	221	43.7	43.7	252	43.6						
145			49.5	19.7	212	40.2	40.2	246	41.7						
150			48.4			36.4	239	39.9	54.3	257	35.7				
155			47.3			32.2	232	38.3	52.1	254	32.9				
160			46.2			27.5	223	36.7	49.0	250	31.5				
165			45.1			21.7	211	35.2	45.9	245	30.3				
170			44.0						42.5	240	29.1				
175			42.9						38.9	234	28.0				
180			41.8						35.0	227	26.9				
185			40.7						30.6	219	25.9				
190			39.6						25.6	209	25.0				
195			38.5						19.3	196	24.1				
223			37.4									37.0	198	13.3	
225			36.3									36.6	197	13.3	
230			35.2									32.5	189	12.8	
235			34.1									27.8	180	12.4	
240			33.0									22.1	169	11.9	



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 135 ft luffing jib 161 [ft] (2220), 135 [ft] (1311)</b>															
47	78.0	304	66.2												
50	76.8	303	66.0												
55	74.6	301	62.7												
60	72.3	300	61.7												
63				75.0	301	65.9									
65	70.1	298	60.6	74.0	300	65.9									
70	67.8	296	59.2	71.7	299	65.7									
75	65.4	294	57.6	69.4	297	61.9									
80	63.1	291	56.3	67.1	295	60.9									
85	60.6	289	55.1	64.8	292	59.5									
90	58.1	285	53.2	62.4	290	58.5									
95	55.5	282	51.5	59.9	287	57.1									
100	52.9	278	50.1	57.4	284	55.5									
103							67.0	290	57.6						
105	50.1	274	48.9	54.8	280	54.1	66.0	289	57.6						
110	47.3	270	46.4	52.1	276	52.9	63.7	287	57.5						
115	44.2	265	44.1	49.3	272	51.1	61.2	284	55.4						
120	41.0	259	41.9	46.4	268	48.6	58.8	281	52.6						
125	37.6	253	40.0	43.4	262	46.3	56.2	278	49.9						
130	33.9	246	38.3	40.1	257	44.2	53.6	274	47.5						
135	29.7	237	36.3	36.6	250	42.4	50.8	270	45.3						
140	24.9	227	34.3	32.8	243	40.5	48.0	266	43.2						
145	20.5	218	17.9	28.5	234	38.5	45.0	261	41.3						
150				23.4	223	36.4	41.9	255	39.6						
151										57.0	269	33.6			
155							38.5	249	37.9	55.3	267	32.4			
160							34.9	242	36.4	52.6	263	31.1			
165							30.8	234	34.9	49.9	259	29.8			
170							26.2	225	33.6	47.0	254	28.7			
175							22.1	216	24.2	43.9	249	27.6			
180										40.7	243	26.5			
185										37.3	237	25.5			
190										33.5	230	24.6			
195										29.3	221	23.7			
200										24.4	211	22.9			
205										18.3	198	22.0			
231													37.0	204	12.1
235													35.1	200	11.9
240													31.1	192	11.5
245													26.5	182	11.0
250													21.0	171	10.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 144 ft luffing jib 161 [ft] (2220), 144 [ft] (1311)</b>															
49	78.0	313	56.9												
50	77.7	313	56.9												
55	75.6	312	56.4												
60	73.6	310	55.7												
65	71.5	309	54.7												
65				75.0	310	56.3									
70	69.4	307	53.8	73.0	309	56.2									
75	67.2	305	52.5	70.9	307	55.8									
80	65.0	302	51.3	68.8	305	55.0									
85	62.8	300	50.2	66.6	303	54.1									
90	60.5	297	49.1	64.4	301	53.0									
95	58.2	294	47.6	62.2	298	52.1									
100	55.8	291	46.2	59.9	295	51.0									
105	53.4	287	45.0	57.6	292	49.6									
107							67.0	299	53.6						
110	50.8	283	44.0	55.1	289	48.4	65.6	298	53.6						
115	48.2	278	42.2	52.7	285	47.4	63.4	295	53.5						
120	45.4	274	40.3	50.1	281	46.4	61.1	292	52.0						
125	42.5	268	38.5	47.4	276	44.7	58.8	290	49.5						
130	39.4	262	36.9	44.6	271	43.2	56.4	286	47.1						
135	36.1	256	35.4	41.7	266	41.7	54.0	283	44.9						
140	32.5	248	33.9	38.5	260	40.4	51.5	279	42.8						
145	29.5	242	18.1	35.2	253	39.3	48.8	274	40.9						
150	25.0	231	17.4	31.5	245	37.0	46.1	270	39.2						
155	19.6	219	16.6	27.3	236	34.8	43.3	264	37.6						
156										57.0	277	31.4			
160				23.6	227	17.5	40.2	259	36.0	55.6	275	30.6			
165							37.0	252	34.6	53.1	271	29.4			
170							33.5	245	33.2	50.6	267	28.2			
175							30.5	239	24.1	47.9	263	27.1			
180							26.2	229	22.9	45.1	258	26.1			
185							21.1	217	21.6	42.2	253	25.1			
190										39.1	247	24.2			
195										35.8	240	23.3			
200										32.1	232	22.5			
205										28.1	223	21.7			
210										23.4	213	20.9			
215										17.4	198	20.2			
239													37.0	209	11.0
240													37.0	209	11.0
245													33.7	203	10.6
250													29.8	194	10.2
255													25.4	184	9.8
260													20.1	172	9.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 154 ft luffing jib 161 [ft] (2220), 154 [ft] (1311)</b>															
51	78.0	323	50.2												
55	76.6	322	50.1												
60	74.7	321	49.5												
65	72.7	319	48.8												
68				75.0	320	49.7									
70	70.7	317	48.0	74.1	319	49.6									
75	68.8	315	47.2	72.2	318	49.5									
80	66.7	313	46.1	70.2	316	48.9									
85	64.7	311	45.1	68.2	314	48.3									
90	62.6	308	44.2	66.2	312	47.4									
95	60.5	305	43.3	64.1	309	46.5									
100	58.3	302	42.0	62.0	307	45.9									
105	56.1	299	40.8	59.9	304	44.9									
110	53.8	295	39.8	57.7	301	43.8									
111							67.0	308	47.3						
115	51.4	292	39.0	55.4	297	42.8	65.2	306	47.3						
120	49.0	287	37.9	53.1	294	41.9	63.1	304	47.2						
125	46.4	283	36.5	50.7	290	41.2	61.0	301	46.3						
130	43.7	277	35.2	48.3	285	40.1	58.8	298	45.4						
135	40.9	272	34.0	45.7	280	39.0	56.6	295	44.1						
140	38.7	267	19.2	43.0	275	38.0	54.4	291	42.5						
145	35.5	260	17.8	40.1	269	37.1	52.0	287	40.7						
150	32.1	253	17.1	37.1	263	36.3	49.6	283	38.9						
155	28.4	244	16.4	33.8	256	35.2	47.1	279	37.3						
160	24.0	233	15.7	30.3	247	33.5	44.4	274	35.8						
161										57.0	285	29.7			
165	18.7	220	15.0	27.2	240	17.3	41.7	268	34.3	55.8	284	29.1			
170				22.7	229	16.5	39.4	263	27.0	53.5	280	27.9			
175							36.4	257	25.9	51.2	276	26.8			
180							33.0	249	24.6	48.7	272	25.8			
185							29.4	241	23.1	46.2	267	24.8			
190							25.2	231	21.7	43.5	262	23.9			
195							20.2	218	20.2	40.7	256	23.1			
200										37.7	250	22.2			
205										34.5	243	21.4			
210										30.9	235	20.7			
215										27.0	225	20.0			
220										22.4	214	19.3			
247													37.0	215	10.1
250													35.8	213	9.9
255													32.4	205	9.5
260													28.7	196	9.2
265													24.4	186	8.8
270													19.2	173	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>164 ft luffing jib</b> <b>161 [ft] (2220), 164 [ft] (1311)</b>															
53	78.0	332	44.8												
55	77.4	332	44.8												
60	75.6	331	44.5												
65	73.8	329	44.0												
70	71.9	328	43.2												
70				75.0	329	44.3									
75	70.1	326	42.5	73.3	328	44.2									
80	68.2	324	41.8	71.4	326	43.9									
85	66.3	322	40.8	69.6	325	43.4									
90	64.4	319	40.0	67.7	322	42.8									
95	62.4	317	39.4	65.8	320	42.0									
100	60.4	314	38.5	63.8	318	41.3									
105	58.4	311	37.4	61.9	315	40.8									
110	56.3	308	36.5	59.8	312	39.9									
115							67.0	317	42.1						
115	54.1	304	35.6	57.8	309	39.0	66.8	317	42.1						
120	51.9	300	34.9	55.7	306	38.1	64.9	315	42.1						
125	49.6	296	34.2	53.5	302	37.4	62.9	312	41.9						
130	47.3	291	33.2	51.3	298	36.8	60.9	309	41.7						
135	45.4	288	32.2	49.0	294	36.1	58.9	306	41.4						
140	42.9	282	21.1	46.6	289	35.5	56.8	303	40.7						
145	40.2	277	19.2	44.1	284	34.8	54.7	300	39.5						
150	37.3	270	17.5	41.5	279	34.2	52.5	296	38.5						
155	34.3	263	16.2	38.8	273	33.7	50.2	292	36.9						
160	31.0	255	15.6	35.8	266	33.2	47.9	287	35.4						
165	27.3	246	15.0	33.4	260	18.0	45.4	283	34.0						
167										57.0	294	28.0			
170	23.1	235	14.4	30.0	252	17.3	43.5	279	28.9	56.1	292	27.5			
175	18.0	221	13.8	26.2	242	16.5	40.9	273	27.6	53.9	289	26.4			
180				21.8	230	15.8	38.1	267	26.4	51.7	285	25.4			
185							35.1	260	25.4	49.4	280	24.4			
190							31.9	252	23.8	47.0	276	23.5			
195							28.3	243	22.2	44.6	271	22.6			
200							24.2	233	20.6	42.0	265	21.8			
205							19.4	220	18.9	39.3	259	21.0			
210										36.4	253	20.3			
215										33.2	245	19.6			
220										29.8	237	18.9			
225										26.0	227	18.3			
230										21.5	216	17.6			
255													37.0	221	9.0
255													37.0	221	9.0
260													34.6	216	8.7
265													31.3	208	8.4
270													27.6	199	8.0
275													23.5	188	7.7
280													18.4	174	7.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom</b> <b>174 ft luffing jib</b> <b>161 [ft] (2220), 174 [ft] (1311)</b>															
55	78.0	342	39.7												
60	76.4	341	39.6												
65	74.7	340	39.2												
70	73.0	338	38.8												
73				75.0	339	39.1									
75	71.3	336	38.1	74.3	338	39.1									
80	69.5	335	37.6	72.5	337	39.0									
85	67.7	332	36.9	70.8	335	38.7									
90	65.9	330	36.2	69.0	333	38.3									
95	64.1	328	35.5	67.2	331	37.8									
100	62.2	325	35.0	65.4	329	37.3									
105	60.4	322	34.3	63.6	326	36.8									
110	58.4	319	33.4	61.7	324	36.4									
115	56.9	317	29.6	59.8	321	35.8									
118							67.0	326	37.1						
120	54.9	313	28.4	57.9	318	35.2	66.4	326	37.1						
125	52.9	310	27.3	55.9	314	34.6	64.6	323	37.1						
130	50.7	306	26.3	53.9	311	34.1	62.7	321	36.9						
135	48.6	301	24.4	51.8	307	33.6	60.8	318	36.6						
140	46.3	297	22.4	49.6	303	33.2	58.9	315	36.4						
145	43.9	291	20.5	47.9	299	25.6	57.0	312	35.9						
150	41.5	286	18.8	45.6	294	23.5	55.0	308	35.2						
155	38.9	280	17.2	43.3	289	21.7	52.9	305	34.6						
160	36.1	273	15.7	40.8	283	19.9	50.8	300	34.1						
165	33.2	266	15.0	38.1	277	18.4	48.6	296	33.5						
170	30.0	257	14.5	35.3	270	17.1	46.9	293	29.5						
172										57.0	302	26.3			
175	26.4	248	14.1	32.3	263	16.4	44.5	288	28.1	56.3	301	25.9			
180	22.3	236	13.6	29.0	254	15.7	42.1	282	26.9	54.2	297	24.9			
185				25.3	244	15.1	39.5	276	25.7	52.2	293	24.0			
190				21.0	232	14.4	36.8	270	24.7	50.0	289	23.1			
195							33.9	262	23.5	47.8	285	22.2			
200							30.8	254	21.9	45.5	280	21.4			
205							27.3	245	20.3	43.1	275	20.6			
210							23.4	234	18.7	40.6	269	19.9			
215							18.6	221	17.1	38.0	263	19.2			
220										35.2	256	18.5			
225										32.1	248	17.9			
230										28.8	239	17.3			
235										25.1	229	16.7			
240										20.7	217	16.1			
263													37.0	227	8.0
265													36.3	226	7.9
270													33.4	218	7.6
275													30.2	210	7.3
280													26.7	201	7.0
285													22.6	189	6.7
290													17.7	175	6.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 184 ft luffing jib 161 [ft] (2220), 184 [ft] (1311)</b>															
57	78.0	352	35.5												
60	77.2	351	35.5												
65	75.6	350	35.2												
70	73.9	348	35.1												
75	72.3	347	34.6												
75				75.0	348	34.9									
80	70.7	345	34.0	73.5	347	34.9									
85	69.0	343	33.6	71.9	345	34.8									
90	67.7	342	32.0	70.2	344	34.4									
95	66.0	339	31.3	68.5	342	34.2									
100	64.3	337	30.8	66.8	340	33.8									
105	62.5	334	30.4	65.1	337	33.4									
110	60.7	332	29.6	63.4	335	33.1									
115	58.9	329	28.5	62.0	333	30.5									
120	57.1	325	27.4	60.2	330	29.7									
122							67.0	335	30.4						
125	55.2	322	26.5	58.4	327	28.8	66.4	335	30.4						
130	53.2	318	25.6	56.5	324	28.0	64.7	332	30.4						
135	51.2	314	24.9	54.6	320	27.3	63.0	330	30.3						
140	49.2	310	23.5	52.7	316	26.6	61.2	327	29.9						
145	47.1	305	21.7	50.7	312	25.9	59.4	324	29.5						
150	44.9	300	20.0	48.6	308	24.1	57.5	321	29.1						
155	42.6	295	18.4	46.5	303	22.3	55.6	318	28.8						
160	40.2	289	16.9	44.3	298	20.7	53.7	314	28.4						
165	37.7	283	15.6	41.9	293	19.2	51.7	310	28.2						
170	35.0	276	14.4	39.5	287	17.8	49.7	306	27.8						
175	32.1	268	14.1	37.0	280	16.6	47.6	301	26.9						
177										57.0	310	24.9			
180	29.0	260	13.7	34.2	273	15.7	45.4	297	26.1	56.4	309	24.6			
185	25.5	250	13.4	31.3	265	15.1	43.2	291	25.3	54.5	306	23.7			
190	21.5	238	13.0	28.1	256	14.5	40.8	286	24.5	52.6	302	22.8			
195				24.5	246	13.9	38.3	279	23.9	50.6	298	21.9			
200				20.3	233	13.3	35.7	273	23.3	48.5	293	21.1			
205							32.9	265	21.9	46.4	289	20.3			
210							29.8	257	20.3	44.1	284	19.6			
215							26.4	247	18.8	41.8	278	18.9			
220							22.6	236	17.2	39.4	272	18.2			
225							17.9	222	15.5	36.8	266	17.6			
230										34.1	258	17.0			
235										31.1	250	16.4			
240										27.9	241	15.8			
245										24.3	231	15.3			
250										20.0	218	14.8			
271													37.0	233	7.1
275													35.2	229	7.0
280													32.4	221	6.7
285													29.3	212	6.4
290													25.8	202	6.1
295													21.8	191	5.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 194 ft luffing jib 161 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	361	31.1												
60	78.0	361	29.5												
65	76.7	360	29.4												
70	75.1	359	29.3												
75	73.6	357	29.1												
78				75.0	358	28.8									
80	72.0	356	28.9	74.7	358	28.8									
85	70.5	354	28.6	73.2	356	28.8									
90	68.9	352	28.3	71.6	355	28.7									
95	67.3	350	27.9	70.0	353	28.4									
100	65.7	348	27.4	68.5	351	28.2									
105	64.0	345	27.0	66.8	349	27.8									
110	62.4	343	26.7	65.2	346	27.4									
115	60.7	340	26.0	63.6	344	27.1									
120	58.9	337	25.0	61.9	341	26.8									
125	57.2	334	24.1	60.2	338	26.1									
126							67.0	344	26.4						
130	55.4	330	23.3	58.5	335	25.3	66.1	343	26.4						
135	53.6	327	22.6	56.7	332	24.6	64.4	341	26.3						
140	51.7	323	21.9	54.9	329	23.9	62.8	338	26.2						
145	49.7	319	21.1	53.0	325	23.4	61.1	336	25.9						
150	47.8	314	20.0	51.2	321	22.9	59.4	333	25.6						
155	45.7	309	18.9	49.2	317	21.8	57.6	329	25.4						
160	43.6	304	17.9	47.2	312	20.7	55.8	326	25.1						
165	41.4	299	17.0	45.1	307	19.7	54.0	323	24.8						
170	39.0	293	16.2	43.0	302	18.8	52.2	319	24.5						
175	36.6	286	15.4	40.7	296	17.9	50.2	315	24.3						
180	34.0	279	14.7	38.4	290	17.1	48.3	310	23.5						
183										57.0	318	23.2			
185	31.2	271	14.2	35.9	283	16.4	46.2	305	22.6	56.6	318	23.2			
190	28.1	262	13.7	33.2	276	15.8	44.1	300	21.7	54.8	314	22.3			
195	24.7	251	13.2	30.4	268	15.2	41.9	295	20.9	52.9	310	21.5			
200	20.8	239	12.6	27.2	258	14.6	39.6	289	20.2	51.0	306	20.7			
205				23.7	247	13.9	37.2	282	19.5	49.1	302	19.9			
210				19.6	234	13.3	34.7	275	18.8	47.1	298	19.2			
215							31.9	268	17.8	45.0	293	18.5			
220							28.9	259	16.8	42.9	287	17.8			
225							25.6	249	15.8	40.6	282	17.2			
230							21.9	237	14.8	38.2	275	16.6			
235							17.3	223	13.8	35.7	269	16.0			
240										33.1	261	15.5			
245										30.2	253	14.9			
250										27.1	243	14.4			
255										23.5	232	13.9			
260										19.3	219	13.4			
278													37.0	239	5.8
280													36.8	239	5.8
285													34.2	231	5.8
290													31.4	223	5.4
295													28.4	214	5.1
300													25.0	204	4.9
305													21.1	192	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 161  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>161 ft main boom 203 ft luffing jib 161 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	371	26.1												
65	77.3	370	26.1												
70	75.9	369	25.9												
75	74.4	368	25.8												
80	72.9	366	25.6												
81				75.0	367	25.5									
85	71.5	365	25.5	74.0	366	25.5									
90	70.0	363	25.2	72.5	365	25.5									
95	68.5	361	24.9	71.0	363	25.4									
100	66.9	359	24.6	69.5	361	25.1									
105	65.4	356	24.2	68.0	359	24.9									
110	63.8	354	23.9	66.5	357	24.6									
115	62.2	351	23.7	64.9	355	24.3									
120	60.6	349	23.1	63.4	352	24.0									
125	59.0	346	22.2	61.8	350	23.8									
130							67.0	354	24.4						
130	57.3	342	21.4	60.2	347	23.2	67.0	354	23.1						
135	55.6	339	20.7	58.5	344	22.5	65.8	352	23.1						
140	53.9	335	20.0	56.8	341	21.8	64.2	349	23.0						
145	52.1	332	19.5	55.1	337	21.2	62.6	347	22.8						
150	50.3	327	18.9	53.4	333	20.7	61.0	344	22.7						
155	48.4	323	18.4	51.6	330	20.2	59.4	341	22.5						
160	46.4	318	17.8	49.7	325	19.7	57.7	338	22.4						
165	44.5	313	17.3	47.9	321	19.2	56.0	335	22.0						
170	42.4	308	16.8	45.9	316	18.6	54.3	331	21.8						
175	40.2	302	16.3	43.9	311	18.1	52.5	327	21.5						
180	38.0	296	15.9	41.8	305	17.7	50.7	323	21.3						
185	35.6	289	15.5	39.6	300	17.2	48.9	319	20.8						
188										57.0	327	19.7			
190	33.0	281	14.9	37.3	293	16.8	46.9	314	19.8	56.7	326	19.7			
195	30.3	273	14.2	34.9	286	16.4	45.0	309	18.9	55.0	323	19.7			
200	27.3	264	13.6	32.3	278	15.8	42.9	304	18.0	53.3	319	19.7			
205	24.0	253	12.9	29.5	270	15.2	40.8	298	17.2	51.5	315	19.5			
210	20.1	240	12.3	26.4	260	14.6	38.5	292	16.4	49.6	311	18.7			
215				23.0	249	14.0	36.2	285	15.8	47.7	306	18.1			
220				18.9	236	13.4	33.7	278	15.2	45.8	302	17.4			
225							31.0	270	14.6	43.8	296	16.8			
230							28.1	261	14.1	41.7	291	16.2			
235							24.9	251	13.5	39.5	285	15.6			
240							21.2	239	13.0	37.2	278	15.1			
245							16.7	224	12.4	34.7	271	14.5			
250										32.1	264	14.0			
255										29.3	255	13.5			
260										26.3	245	13.1			
265										22.8	234	12.6			
270										18.7	220	12.2			
286													37.0	245	4.7
290													35.8	241	4.7
295													33.2	234	4.6
300													30.5	226	4.2
305													27.6	217	4.0
310													24.3	206	3.8
315													20.5	193	3.5



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 66 ft luffing jib 171 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	246	128.3												
35	76.7	246	128.3												
40	72.1	244	128.3												
45	67.4	242	127.0												
46				75.0	244	128.3									
50	62.5	239	123.2	71.3	243	128.3									
55	57.4	236	117.4	66.6	241	125.4									
60	51.9	232	111.9	61.6	238	120.0									
65	45.9	228	106.3	56.4	235	113.0									
70	39.2	222	101.0	50.9	231	107.5									
75	31.3	214	92.2	44.8	226	100.5									
79							67.0	236	84.0						
80	23.5	206	33.0	38.0	220	93.3	65.6	236	84.0						
85				29.7	212	88.6	60.6	233	81.0						
90				21.3	203	33.0	55.4	229	76.6						
95							49.7	225	72.2						
100							43.5	220	67.7						
105							36.4	214	63.7						
110							27.7	205	60.1						
117										57.0	220	48.3			
120										53.9	218	46.9			
125										48.2	214	44.5			
130										41.8	208	42.4			
135										34.4	201	40.4			
140										25.0	192	38.5			
183													37.0	169	19.3
185													36.0	168	19.2
190													27.1	159	18.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot:** 2220-1  
**main boom head:** 2220-1  
**main boom (s):** 2220 [ft]: 171  
**luffing jib foot:** 1311-2  
**luffing jib head:** 1311-1  
**luffing jib (s):** 1311 [ft]: 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 76 ft luffing jib 171 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	256	125.0												
40	74.5	254	123.8												
45	70.5	253	121.0												
49				75.0	254	121.4									
50	66.4	250	116.3	73.8	253	121.4									
55	62.1	248	111.8	69.8	251	119.2									
60	57.7	245	106.5	65.7	249	114.4									
65	52.9	241	101.9	61.4	247	109.9									
70	47.9	237	97.5	56.9	243	103.9									
75	42.4	231	91.0	52.1	240	99.1									
80	36.2	225	87.6	47.0	235	93.2									
82							67.0	245	79.2						
85	28.7	217	80.8	41.4	230	88.2	64.8	244	79.3						
90	21.4	208	31.4	35.0	223	84.1	60.5	241	76.1						
95				27.3	214	78.1	55.9	238	71.8						
100							51.1	234	67.4						
105							45.9	229	63.3						
110							40.1	224	59.8						
115							33.6	217	56.6						
120							25.4	207	53.6						
123										57.0	228	45.2			
125										54.7	227	44.1			
130										49.8	222	42.0			
135										44.5	218	40.0			
140										38.5	212	38.2			
145										31.6	204	36.5			
150										22.8	194	34.9			
191													37.0	175	17.7
195													33.1	171	17.3
200													24.9	161	16.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:**  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:**

171

85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>85 ft luffing jib</b> <b>171 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	265	111.9												
40	76.4	265	111.9												
45	72.9	263	109.9												
50	69.3	261	107.1												
51				75.0	263	110.3									
55	65.6	259	103.2	72.2	262	110.0									
60	61.8	256	99.9	68.7	260	107.4									
65	57.9	253	94.1	65.0	258	103.3									
70	53.7	250	91.0	61.1	255	99.8									
75	49.4	246	88.2	57.2	252	93.3									
80	44.7	241	83.3	53.0	248	90.1									
85	39.5	235	79.0	48.6	244	86.4									
86							67.0	254	74.5						
90	33.7	228	75.2	43.8	239	81.5	64.2	253	74.6						
95	26.7	219	68.6	38.5	233	77.2	60.4	250	71.2						
100	19.7	209	27.5	32.5	225	73.1	56.3	246	67.0						
105				25.3	216	67.7	52.1	243	62.4						
110							47.6	238	59.5						
115							42.8	233	56.3						
120							37.4	227	53.4						
125							31.2	219	50.7						
128										57.0	237	42.4			
130										55.3	235	41.5			
135							23.5	209	48.2	51.0	231	39.6			
140										46.4	227	37.8			
145										41.4	221	36.1			
150										35.9	214	34.6			
155										29.4	206	33.1			
160										23.3	198	31.8			
199															
200													37.0	181	16.3
205													37.0	181	16.2
205													30.8	173	15.6
210													23.0	163	15.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>95 ft luffing jib</b> <b>171 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	275	97.2												
40	77.8	275	97.2												
45	74.7	273	97.2												
50	71.5	272	96.3												
54				75.0	273	97.2									
55	68.3	270	95.0	74.1	272	97.2									
60	65.0	267	91.9	71.0	271	96.9									
65	61.6	265	89.5	67.7	269	96.2									
70	58.0	262	86.0	64.4	266	93.3									
75	54.4	258	82.8	61.0	263	90.9									
80	50.5	254	80.3	57.4	260	86.8									
85	46.4	250	76.7	53.7	257	83.4									
90	42.0	244	73.2	49.8	253	80.6									
90							67.0	263	70.6						
95	37.1	238	70.1	45.6	248	76.4	63.7	261	70.4						
100	31.6	230	66.2	41.1	242	72.6	60.3	258	66.7						
105	24.9	220	49.8	36.2	236	69.3	56.7	255	62.8						
110				30.5	228	57.2	52.9	251	59.3						
115				23.6	217	53.5	49.0	247	56.1						
120							44.8	242	53.2						
125							40.2	236	50.6						
130							35.1	230	48.1						
133										57.0	245	39.9			
135										55.7	244	39.3			
140							29.2	221	45.9	51.9	240	37.5			
145							21.9	210	43.8	47.9	235	35.9			
150										43.6	230	34.3			
155										40.1	226	33.0			
160										35.0	219	31.6			
165										29.1	211	30.4			
170										21.7	199	29.1			
207													37.0	187	15.0
210													34.8	184	14.8
215													28.9	175	14.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 105 ft luffing jib 171 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	284	89.3												
45	76.2	284	89.1												
50	73.3	282	87.6												
55	70.4	280	85.7												
56				75.0	282	88.8									
60	67.5	278	83.7	72.8	281	88.5									
65	64.5	276	81.2	69.9	279	87.6									
70	61.4	273	79.4	67.0	277	86.2									
75	58.2	270	76.4	63.9	275	84.0									
80	54.9	267	73.8	60.8	272	82.3									
85	51.4	263	71.7	57.6	269	79.0									
90	47.7	258	69.2	54.3	265	76.2									
94							67.0	272	66.1						
95	43.9	253	66.4	50.8	261	74.0	66.4	272	66.1						
100	39.7	248	53.2	47.1	257	70.5	63.3	269	65.9						
105	35.0	241	49.7	43.2	252	67.2	60.2	267	61.9						
110	29.8	232	46.8	38.9	246	55.6	56.9	263	58.9						
115	23.4	222	44.0	34.2	239	53.0	53.6	260	55.7						
120				28.8	230	50.0	50.0	256	52.8						
125				22.1	219	46.9	46.3	251	50.2						
130							42.3	246	47.8						
135							38.0	240	45.6						
139										57.0	253	37.5			
140							33.2	232	43.5	56.1	252	37.0			
145							27.6	223	41.6	52.7	248	35.4			
150							20.5	211	39.8	49.1	244	33.9			
155										46.2	240	32.5			
160										42.2	235	31.2			
165										37.9	229	30.0			
170										33.0	222	28.8			
175										27.4	213	27.7			
180										20.3	201	26.6			
215													37.0	193	13.8
215													37.0	193	13.7
220													32.8	186	13.3
225													27.2	177	12.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom                      115 ft luffing jib                      171 [ft] (2220), 115 [ft] (1311)</b>															
44	78.0	294	80.6												
45	77.4	294	80.6												
50	74.8	292	79.4												
55	72.2	291	78.0												
59				75.0	292	80.0									
60	69.5	289	76.6	74.3	291	80.0									
65	66.8	287	74.7	71.7	290	79.6									
70	64.0	284	72.7	69.1	288	78.6									
75	61.2	282	71.3	66.3	286	77.2									
80	58.3	279	68.9	63.6	283	75.5									
85	55.3	275	66.7	60.7	280	74.2									
90	52.1	272	60.5	57.8	277	71.8									
95	48.8	267	58.0	54.7	274	69.7									
98							67.0	282	61.8						
100	45.4	262	53.9	51.6	270	68.0	65.8	280	61.9						
105	41.7	257	50.1	48.3	266	65.6	63.0	278	61.6						
110	37.7	251	46.7	44.8	261	56.3	60.1	275	58.4						
115	33.3	243	44.0	41.0	255	52.6	57.2	272	55.3						
120	28.2	235	41.6	36.9	249	49.3	54.1	268	52.4						
125	22.1	223	39.1	32.4	241	46.8	50.9	264	49.8						
130				27.3	232	44.5	47.6	260	47.4						
135				20.9	220	42.1	44.0	255	45.2						
140							40.2	249	43.2						
144										57.0	261	35.3			
145							36.1	243	41.3	56.4	261	34.9			
150							31.5	235	39.5	53.3	257	33.4			
155							26.1	225	37.9	50.8	254	32.1			
160							19.3	213	36.3	47.5	249	30.8			
165										43.9	244	29.5			
170										40.1	239	28.4			
175										36.0	232	27.3			
180										31.3	224	26.3			
185										25.9	214	25.3			
190										19.1	202	24.3			
223													37.0	199	12.5
225													35.8	197	12.3
230													31.2	189	11.9
235													25.7	179	11.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 125 ft luffing jib 171 [ft] (2220), 125 [ft] (1311)</b>															
46	78.0	304	71.8												
50	76.0	303	71.1												
55	73.6	301	70.1												
60	71.2	300	68.8												
61				75.0	301	71.3									
65	68.8	298	67.6	73.2	300	71.1									
70	66.2	295	65.9	70.8	298	70.7									
75	63.7	293	61.1	68.3	296	69.6									
80	61.1	290	59.8	65.8	294	68.4									
85	58.4	287	57.5	63.2	292	67.2									
90	55.6	284	55.6	60.6	289	66.1									
95	52.7	280	53.9	57.9	286	60.1									
100	49.8	276	52.2	55.1	282	58.3									
102							67.0	291	58.5						
105	46.6	271	48.9	52.2	279	56.9	65.3	289	58.5						
110	43.3	266	45.9	49.2	274	54.6	62.7	286	57.9						
115	39.8	260	43.1	46.1	270	51.2	60.1	284	55.0						
120	35.9	254	40.8	42.7	264	48.0	57.4	280	52.2						
125	31.7	246	38.7	39.1	258	45.2	54.5	277	49.5						
130	26.9	237	36.5	35.2	251	42.8	51.6	273	47.2						
135	21.0	225	34.4	30.9	244	41.0	48.6	269	45.0						
140				25.9	234	39.3	45.4	264	42.9						
145				19.7	221	37.5	42.0	258	41.0						
149										57.0	270	33.3			
150							38.4	252	39.3	56.6	269	33.1			
155							34.4	245	37.7	54.5	266	31.8			
160							30.0	237	36.1	51.6	263	30.5			
165							24.8	227	34.7	48.5	258	29.3			
170							18.3	214	33.3	45.3	253	28.1			
175										41.9	248	27.0			
180										38.3	242	26.0			
185										34.3	235	25.1			
190										29.8	226	24.1			
195										24.6	216	23.3			
200										18.0	203	22.4			
230													37.0	205	11.5
235													34.2	200	11.2
240													29.7	191	10.8
245													24.5	181	10.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 135 ft luffing jib 171 [ft] (2220), 135 [ft] (1311)</b>															
48	78.0	313	61.9												
50	77.1	313	61.9												
55	74.9	311	61.1												
60	72.6	310	60.0												
64				75.0	311	61.2									
65	70.4	308	58.9	74.5	310	61.2									
70	68.1	306	57.7	72.2	309	61.0									
75	65.8	304	56.1	70.0	307	60.3									
80	63.4	301	54.7	67.7	305	59.3									
85	61.0	299	53.6	65.3	303	57.9									
90	58.5	296	51.7	63.0	300	56.8									
95	55.9	292	50.0	60.5	297	55.7									
100	53.3	289	48.6	58.0	294	54.0									
105	50.5	285	47.4	55.4	291	52.5									
106							67.0	300	54.8						
110	47.7	280	44.8	52.8	287	51.3	64.9	298	54.7						
115	44.7	275	42.2	50.0	283	49.9	62.5	295	54.0						
120	41.5	270	39.9	47.1	278	47.1	60.0	292	51.5						
125	38.1	263	37.7	44.1	273	44.6	57.5	289	49.1						
130	34.4	256	35.9	40.9	268	42.3	54.9	285	46.8						
135	30.3	248	34.2	37.5	261	40.2	52.2	282	44.6						
140	26.8	241	18.1	33.7	254	38.5	49.5	277	42.5						
145	21.4	229	17.1	29.6	246	36.8	46.6	273	40.7						
150				24.7	236	35.0	43.5	268	38.9						
155										57.0	278	31.3			
155				20.3	226	18.3	40.2	262	37.3	57.0	278	31.1			
160							36.7	255	35.8	54.8	275	30.0			
165							32.9	248	34.4	52.2	271	28.8			
170							29.7	241	25.1	49.4	267	27.7			
175							24.9	231	23.5	46.5	262	26.6			
180							19.0	218	21.8	43.4	257	25.6			
185										40.1	251	24.6			
190										36.6	245	23.7			
195										32.8	237	22.9			
200										28.5	229	22.1			
205										23.5	218	21.3			
238													37.0	211	10.3
240													36.5	210	10.3
245													32.7	202	9.9
250													28.4	193	9.5
255													23.3	183	9.2



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom                      144 ft luffing jib                      171 [ft] (2220), 144 [ft] (1311)</b>															
50	78.0	323	54.8												
50	78.0	323	54.8												
55	75.9	322	54.5												
60	73.9	320	53.8												
65	71.8	319	52.8												
66				75.0	320	54.2									
70	69.7	317	51.9	73.5	319	54.1									
75	67.5	315	50.7	71.4	317	53.9									
80	65.3	312	49.4	69.3	316	53.1									
85	63.1	310	48.4	67.1	313	52.2									
90	60.9	307	47.4	65.0	311	51.1									
95	58.5	304	45.8	62.7	309	50.2									
100	56.2	301	44.4	60.5	306	49.3									
105	53.7	297	43.2	58.1	303	47.9									
109							67.0	309	51.0						
110	51.2	293	42.2	55.7	299	46.6	66.7	308	51.0						
115	48.5	289	40.4	53.3	296	45.6	64.5	306	50.9						
120	45.8	284	38.3	50.7	292	44.7	62.3	303	50.2						
125	42.9	279	36.2	48.1	287	42.7	60.0	301	48.1						
130	39.9	273	34.4	45.3	282	40.7	57.6	297	46.3						
135	37.4	268	18.8	42.4	277	38.9	55.2	294	44.2						
140	33.9	261	17.8	39.3	271	37.2	52.8	290	42.1						
145	30.1	253	17.1	36.0	264	35.7	50.2	286	40.3						
150	25.7	243	16.3	32.4	257	34.2	47.5	282	38.5						
155	20.4	231	15.5	29.3	250	18.0	44.7	277	36.9						
160				24.8	240	17.1	41.8	271	35.4						
160										57.0	286	29.3			
165										55.2	283	28.3			
170				19.4	227	16.3	38.7	265	34.0	52.7	280	27.2			
175							32.5	252	23.2	50.1	276	26.2			
180							28.5	244	21.9	47.4	271	25.2			
185							23.8	233	20.6	44.7	266	24.2			
190							18.1	219	19.3	41.7	261	23.3			
195										38.6	255	22.5			
200										35.2	248	21.7			
205										31.5	240	20.9			
210										27.3	231	20.2			
215										22.5	219	19.4			
246													37.0	216	9.2
250													35.1	213	9.1
255													31.4	205	8.7
260													27.2	195	8.4
265													22.3	184	8.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 154 ft luffing jib 171 [ft] (2220), 154 [ft] (1311)</b>															
52	78.0	333	49.2												
55	76.8	332	49.1												
60	74.9	331	48.5												
65	73.0	329	47.8												
69				75.0	330	48.5									
70	71.0	327	47.0	74.6	329	48.5									
75	69.0	325	46.3	72.6	328	48.4									
80	67.0	323	45.1	70.7	326	48.0									
85	65.0	321	44.1	68.7	324	47.3									
90	62.9	318	43.2	66.7	322	46.6									
95	60.8	316	42.4	64.6	320	45.6									
100	58.6	313	41.0	62.5	317	44.8									
105	56.4	309	39.9	60.4	314	44.0									
110	54.1	306	38.8	58.2	311	42.8									
113							67.0	318	45.9						
115	51.7	302	37.9	56.0	308	41.8	66.3	317	45.9						
120	49.3	298	36.9	53.7	304	40.9	64.2	315	45.8						
125	46.8	293	35.3	51.3	300	40.2	62.1	312	45.3						
130	44.1	288	33.9	48.9	296	38.9	60.0	309	44.1						
135	42.0	284	19.6	46.3	291	37.5	57.8	306	43.2						
140	39.1	278	18.4	43.6	286	36.2	55.5	303	41.4						
145	36.0	271	17.3	40.8	281	35.0	53.2	299	39.9						
150	32.6	264	16.6	37.9	274	33.9	50.8	295	38.3						
155	28.9	255	15.9	35.4	269	18.6	48.4	290	36.7						
160	24.7	245	15.2	32.0	261	17.8	45.8	286	35.2						
165	19.5	232	14.4	28.2	252	17.0	43.1	280	33.8						
165										57.0	294	27.7			
170				23.9	242	16.1	40.9	276	25.9	55.5	292	26.9			
175				18.5	228	15.3	38.0	270	24.6	53.1	288	25.9			
180							34.8	263	23.5	50.8	284	24.9			
185							31.3	255	22.2	48.3	280	23.9			
190							27.4	246	20.8	45.7	275	23.0			
195							22.9	235	19.5	43.0	270	22.2			
200							17.2	220	18.2	40.2	264	21.4			
205										37.1	258	20.6			
210										33.9	250	19.9			
215										30.3	242	19.2			
220										26.3	233	18.5			
225										21.5	221	17.9			
254													37.0	222	7.9
255													37.0	222	8.1
260													33.8	215	8.0
265													30.2	207	7.6
270													26.1	197	7.3
275													21.4	186	6.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom</b> <b>164 ft luffing jib</b> <b>171 [ft] (2220), 164 [ft] (1311)</b>															
54	78.0	342	43.6												
55	77.6	342	43.6												
60	75.9	341	43.3												
65	74.0	339	42.7												
70	72.2	338	42.0												
72				75.0	339	42.9									
75	70.4	336	41.3	73.7	338	42.8									
80	68.5	334	40.6	71.9	337	42.7									
85	66.6	332	39.7	70.0	335	42.2									
90	64.6	330	38.8	68.1	333	41.7									
95	62.7	327	38.1	66.2	331	41.0									
100	60.7	324	37.4	64.3	328	40.2									
105	58.6	321	36.3	62.3	326	39.5									
110	56.6	318	35.3	60.3	323	38.8									
115	54.4	314	34.4	58.3	320	37.8									
117							67.0	327	40.8						
120	52.2	311	33.7	56.2	316	37.0	65.9	325	40.7						
125	50.5	307	23.2	54.0	313	36.2	63.9	323	40.7						
130	48.2	303	21.8	51.8	309	35.6	61.9	320	40.4						
135	45.7	298	20.4	49.6	305	34.9	59.9	318	40.1						
140	43.2	293	19.1	47.2	300	34.0	57.9	314	39.8						
145	40.6	287	18.0	44.7	295	33.2	55.8	311	38.5						
150	37.7	281	16.9	42.8	291	20.8	53.6	307	37.2						
155	34.7	274	16.0	40.1	285	19.6	51.4	303	36.2						
160	31.5	266	15.4	37.2	279	18.5	49.1	299	34.8						
165	27.9	257	14.7	34.2	272	17.6	46.7	295	33.4						
170	23.7	246	14.1	30.9	264	16.8	44.8	291	28.3						
171										57.0	303	26.0			
175	18.7	233	13.4	27.2	254	16.0	42.2	285	26.6	55.7	301	25.4			
180				22.9	243	15.2	39.5	279	25.1	53.5	297	24.4			
185				17.7	229	14.4	36.6	273	23.7	51.3	293	23.5			
190							33.5	266	22.5	49.0	289	22.6			
195							30.2	257	21.1	46.6	284	21.8			
200							26.4	248	19.8	44.1	279	21.0			
205							22.0	236	18.4	41.5	273	20.2			
210										38.8	267	19.5			
215										35.9	261	18.8			
220										32.7	253	18.2			
225										29.2	244	17.5			
230										25.3	234	16.9			
235										20.7	222	16.3			
262													37.0	228	6.9
265													35.8	225	6.9
270													32.6	218	6.7
275													29.1	209	6.4
280													25.2	199	6.1
285													20.5	187	5.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 174 ft luffing jib 171 [ft] (2220), 174 [ft] (1311)</b>															
56	78.0	352	39.2												
60	76.7	351	39.1												
65	75.0	350	38.7												
70	73.2	348	38.2												
74				75.0	349	38.5									
75	71.5	346	37.6	74.7	348	38.5									
80	69.8	345	37.0	72.9	347	38.4									
85	68.0	343	36.4	71.2	345	38.2									
90	66.2	340	35.6	69.4	343	37.8									
95	64.4	338	34.9	67.7	341	37.5									
100	62.5	335	34.4	65.9	339	36.9									
105	60.6	333	33.7	64.0	337	36.3									
110	59.1	330	29.3	62.2	334	35.8									
115	57.2	327	27.3	60.3	331	35.3									
120	55.2	324	25.4	58.4	328	34.6									
121							67.0	336	36.5						
125	53.1	320	23.8	56.4	325	34.0	65.5	334	36.4						
130	51.0	316	22.4	54.4	321	33.4	63.7	332	36.4						
135	48.9	312	21.0	52.8	318	26.1	61.8	329	36.1						
140	46.6	307	19.6	50.7	314	24.9	59.9	326	35.8						
145	44.3	302	18.4	48.5	310	23.3	58.0	323	35.6						
150	41.8	297	17.2	46.2	305	21.7	56.0	320	34.8						
155	39.2	291	16.1	43.8	300	20.3	54.0	316	34.0						
160	36.5	284	15.1	41.4	295	18.9	51.9	312	33.4						
165	33.6	277	14.5	38.8	289	17.7	50.2	309	28.1						
170	30.4	268	14.0	36.0	282	16.6	48.0	304	26.8						
175	26.9	259	13.5	33.1	274	15.9	45.7	300	25.4						
176										57.0	311	24.5			
180	22.9	248	13.1	29.8	266	15.3	43.4	294	24.2	55.9	309	24.0			
185	18.0	234	12.6	26.3	256	14.7	40.9	289	23.0	53.9	305	23.0			
190				22.1	245	14.1	38.2	283	21.9	51.8	302	22.2			
195							35.4	276	21.0	49.7	297	21.3			
200							32.4	268	19.9	47.4	293	20.5			
205							29.2	259	18.7	45.1	288	19.8			
210							25.5	249	17.6	42.7	283	19.1			
215							21.2	237	16.4	40.2	277	18.4			
220										37.5	270	17.7			
225										34.7	263	17.1			
230										31.6	256	16.5			
235										28.2	247	16.0			
240										24.4	236	15.4			
245										19.9	223	14.9			
270													37.0	234	5.7
270													37.0	234	5.9
275													34.6	228	5.8
280													31.5	220	5.6
285													28.1	211	5.3
290													24.3	201	5.0
295													19.8	188	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>171 ft main boom 184 ft luffing jib 171 [ft] (2220), 184 [ft] (1311)</b>															
58	78.0	361	34.8												
60	77.4	361	34.8												
65	75.8	360	34.5												
70	74.2	358	34.2												
75	72.5	357	33.8												
77				75.0	358	34.2									
80	70.9	355	33.2	73.9	357	34.2									
85	69.6	354	31.5	72.3	356	34.1									
90	67.9	352	30.9	70.6	354	33.8									
95	66.2	349	30.1	68.9	352	33.6									
100	64.5	347	29.4	67.2	350	33.3									
105	62.8	345	28.9	65.9	348	30.4									
110	61.0	342	28.0	64.2	346	29.8									
115	59.2	339	26.4	62.4	343	29.4									
120	57.3	336	24.9	60.7	340	28.7									
125							67.0	345	32.2						
125	55.4	332	23.6	58.8	337	27.7	67.0	345	29.6						
130	53.5	329	22.4	57.0	334	26.8	65.6	343	29.6						
135	51.5	325	21.4	55.1	331	26.0	63.9	341	29.5						
140	49.5	320	20.2	53.2	327	25.3	62.1	338	29.3						
145	47.4	316	18.9	51.2	323	24.7	60.3	335	28.8						
150	45.2	311	17.6	49.1	319	23.1	58.5	332	28.5						
155	42.9	306	16.4	47.0	314	21.4	56.6	329	27.4						
160	40.5	300	15.3	44.8	309	19.8	54.7	325	26.1						
165	38.0	294	14.3	42.5	304	18.4	52.8	322	25.1						
170	35.4	287	13.4	40.1	298	17.0	50.8	318	24.1						
175	32.5	279	13.0	37.6	292	15.8	48.7	313	23.3						
180	29.5	271	12.7	34.9	285	14.9	46.6	309	22.3						
182										57.0	319	23.1			
185	26.0	261	12.4	32.0	277	14.4	44.3	304	21.4	56.1	318	22.7			
190	22.1	249	12.1	28.9	268	14.0	42.0	298	20.6	54.2	314	21.8			
195	17.3	235	11.8	25.4	258	13.5	39.6	292	19.8	52.2	310	21.0			
200				21.4	246	13.1	37.1	286	19.1	50.2	306	20.2			
205							34.3	279	18.4	48.1	302	19.5			
210							31.4	271	17.4	46.0	297	18.8			
215							28.2	262	16.5	43.7	292	18.1			
220							24.6	251	15.5	41.4	286	17.5			
225							20.4	239	14.5	39.0	280	16.8			
230										36.4	273	16.3			
235										33.6	266	15.7			
240										30.6	258	15.1			
245										27.3	249	14.6			
250										23.6	238	14.1			
255										19.2	225	13.6			
278													37.0	240	4.8
280													36.3	238	4.8
285													33.5	231	4.8
290													30.5	223	4.4
295													27.2	213	4.2
300													23.5	203	3.8
305													19.0	189	3.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 194 ft luffing jib 171 [ft] (2220), 194 [ft] (1311)</b>															
60	78.0	371	29.0												
65	76.9	370	28.9												
70	75.4	369	28.8												
75	73.8	367	28.6												
79				75.0	368	30.3									
80	72.3	366	28.4	75.0	368	28.5									
85	70.7	364	28.1	73.5	366	28.5									
90	69.1	362	27.8	72.0	365	28.4									
95	67.5	360	27.3	70.4	363	28.1									
100	65.9	358	26.8	68.8	361	27.9									
105	64.3	356	26.3	67.2	359	27.5									
110	62.6	353	25.9	65.6	357	27.0									
115	60.9	350	25.3	64.0	354	26.6									
120	59.2	347	24.0	62.3	352	26.2									
125	57.4	344	22.9	60.6	349	25.7									
129							67.0	354	26.1						
130	55.6	341	21.9	58.9	346	24.8	66.9	354	26.1						
135	53.8	337	21.0	57.1	343	24.1	65.3	352	26.1						
140	51.9	333	20.2	55.3	339	23.4	63.6	349	26.0						
145	50.0	329	19.4	53.5	336	22.8	62.0	346	25.8						
150	48.0	325	18.5	51.6	332	22.3	60.3	344	25.5						
155	46.0	320	17.6	49.7	327	21.3	58.5	341	25.2						
160	43.9	315	16.7	47.7	323	20.2	56.8	337	24.6						
165	41.7	309	15.9	45.6	318	19.2	55.0	334	23.8						
170	39.4	303	15.2	43.5	313	18.2	53.1	330	23.2						
175	36.9	297	14.5	41.3	307	17.3	51.2	326	22.7						
180	34.3	290	13.9	38.9	301	16.4	49.3	322	22.0						
185	31.6	282	13.4	36.5	295	15.7	47.3	317	21.0						
187										57.0	327	21.7			
190	28.6	273	13.0	33.9	287	15.1	45.2	312	20.0	56.3	326	21.4			
195	25.2	263	12.5	31.1	279	14.5	43.1	307	19.1	54.5	323	20.6			
200	21.4	251	12.0	28.0	270	13.9	40.8	302	18.3	52.6	319	19.8			
205				24.6	260	13.3	38.5	295	17.5	50.7	315	19.1			
210				20.6	248	12.8	36.0	289	16.8	48.8	310	18.3			
215							33.3	281	16.1	46.7	306	17.7			
220							30.5	273	15.4	44.7	301	17.0			
225							27.4	264	14.7	42.5	295	16.4			
230							23.9	253	14.0	40.2	290	15.8			
235							19.8	240	13.2	37.8	283	15.3			
240										35.3	276	14.8			
245										32.6	269	14.2			
250										29.7	260	13.7			
255										26.5	251	13.3			
260										22.9	239	12.8			
265										18.5	226	12.3			
285													37.0	246	3.9
290													35.2	241	3.9
295													32.5	234	3.7
300													29.6	225	3.5
305													26.4	215	3.3
310													22.7	204	3.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 171  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>171 ft main boom 203 ft luffing jib 171 [ft] (2220), 203 [ft] (1311)</b>															
62	78.0	381	25.4												
65	77.5	380	25.4												
70	76.1	379	25.2												
75	74.6	378	25.1												
80	73.1	376	24.9												
82				75.0	377	24.9									
85	71.7	375	24.7	74.4	377	24.8									
90	70.2	373	24.4	72.9	375	24.8									
95	68.7	371	24.2	71.4	373	24.7									
100	67.1	369	23.9	69.9	372	24.4									
105	65.6	367	23.5	68.4	370	24.3									
110	64.0	364	23.3	66.9	368	24.0									
115	62.4	362	23.0	65.3	365	23.7									
120	60.8	359	22.5	63.8	363	23.4									
125	59.2	356	21.7	62.2	360	23.2									
130	57.5	353	20.9	60.5	357	22.7									
132							67.0	363	22.6						
135	55.8	349	20.2	58.9	354	22.0	66.6	362	22.6						
140	54.1	346	19.5	57.2	351	21.3	65.0	360	22.6						
145	52.3	342	18.9	55.5	348	20.7	63.4	358	22.5						
150	50.5	338	18.4	53.8	344	20.2	61.8	355	22.3						
155	48.6	333	17.8	52.0	340	19.7	60.2	352	22.1						
160	46.7	329	17.3	50.2	336	19.3	58.6	349	22.0						
165	44.7	324	16.7	48.3	332	18.7	56.9	346	21.7						
170	42.7	318	16.2	46.4	327	18.1	55.2	342	21.4						
175	40.5	313	15.7	44.4	322	17.6	53.4	339	21.2						
180	38.3	306	15.3	42.3	317	17.1	51.6	335	20.9						
185	35.9	300	14.9	40.1	311	16.7	49.8	331	20.7						
190	33.4	292	14.4	37.9	304	16.3	47.9	326	19.7						
192										57.0	336	19.3			
195	30.7	284	13.8	35.5	298	15.9	46.0	321	18.7	56.5	335	19.3			
200	27.7	275	13.1	32.9	290	15.2	44.0	316	17.7	54.7	331	19.3			
205	24.5	264	12.5	30.2	282	14.5	41.9	311	16.7	53.0	327	18.6			
210	20.7	252	11.9	27.2	272	13.8	39.7	305	15.8	51.2	323	17.9			
215				23.9	262	13.1	37.4	298	15.1	49.3	319	17.2			
220				20.0	249	12.4	35.0	291	14.4	47.4	315	16.6			
225							32.4	284	13.9	45.5	310	16.0			
230							29.6	275	13.4	43.4	304	15.4			
235							26.6	266	13.0	41.3	299	14.9			
240							23.1	255	12.5	39.1	293	14.3			
245							19.1	241	12.0	36.8	286	13.8			
250										34.3	279	13.3			
255										31.7	271	12.9			
260										28.8	262	12.4			
265										25.7	252	12.0			
270										22.2	241	11.5			
275										17.9	227	11.1			
293													37.0	252	2.9
295													36.7	251	2.9
300													34.2	244	2.9
305													31.6	236	2.7
310													28.8	227	2.5
315													25.6	217	2.4
320													22.0	206	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>181 ft main boom</b> <b>66 ft luffing jib</b> <b>181 [ft] (2220), 66 [ft] (1311)</b>															
34	78.0	256	126.6												
35	77.3	256	126.6												
40	72.8	254	126.3												
45	68.1	252	123.2												
47				75.0	254	123.9									
50	63.2	250	117.2	72.4	253	123.9									
55	58.1	247	111.8	67.7	251	119.3									
60	52.7	243	106.8	62.8	248	113.7									
65	46.8	238	101.9	57.7	245	108.4									
70	40.2	233	94.5	52.3	242	103.6									
75	32.5	225	91.7	46.3	237	97.9									
80	22.3	215	83.0	39.7	231	91.4									
81							67.0	246	79.5						
85				31.9	224	87.9	63.2	244	79.3						
90				21.4	213	82.2	58.1	241	75.1						
95							52.6	237	71.0						
100							46.8	232	66.8						
105							40.2	227	62.1						
110							32.5	220	59.3						
115							25.0	212	33.0						
121										57.0	229	44.9			
125										53.0	226	43.2			
130										47.1	222	41.2			
135										40.6	216	39.2			
140										33.0	209	37.4			
145										23.1	199	35.7			
190													37.0	176	16.9
195													30.9	170	16.4
200													20.0	159	15.8



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 76 ft luffing jib 181 [ft] (2220), 75 [ft] (1311)</b>															
36	78.0	265	117.1												
40	75.1	264	116.1												
45	71.1	263	113.6												
50				75.0	263	113.6									
50	67.0	261	109.3	74.8	263	113.6									
55	62.7	258	104.8	70.8	262	112.4									
60	58.3	255	100.4	66.7	260	107.7									
65	53.6	251	94.4	62.4	257	103.1									
70	48.6	247	92.1	58.0	254	98.7									
75	43.2	242	87.2	53.3	250	93.4									
80	37.1	236	83.1	48.2	246	90.2									
85							67.0	255	74.7						
85	29.9	228	78.0	42.8	241	85.2	67.0	255	74.7						
90	20.3	216	71.2	36.6	234	81.1	62.7	252	74.0						
95				29.3	226	76.7	58.3	249	70.2						
100				22.1	218	31.1	53.6	246	66.4						
105							48.6	241	62.0						
110							43.2	236	58.9						
115							37.0	230	55.8						
120							29.8	222	52.9						
125							22.9	213	32.8						
127										57.0	237	42.0			
130										53.9	235	40.7			
135										48.9	231	38.8			
140										43.5	226	37.1			
145										37.5	219	35.4			
150										30.3	211	33.9			
155										23.5	203	32.5			
198													37.0	182	15.5
200													35.9	181	15.4
205													28.4	172	14.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>85 ft luffing jib</b> <b>181 [ft] (2220), 85 [ft] (1311)</b>															
38	78.0	275	106.3												
40	76.8	275	106.3												
45	73.4	273	104.7												
50	69.8	271	101.8												
52				75.0	273	104.8									
55	66.1	269	98.1	73.1	272	104.6									
60	62.3	267	94.3	69.5	270	102.2									
65	58.4	264	90.9	65.9	268	98.2									
70	54.3	260	87.3	62.1	265	94.0									
75	50.0	256	84.5	58.1	262	90.6									
80	45.3	251	79.8	54.0	259	87.0									
85	40.2	245	75.6	49.7	255	83.9									
89							67.0	264	70.8						
90	34.5	239	72.2	45.0	250	79.3	66.1	263	70.7						
95	27.7	230	67.2	39.9	244	75.3	62.3	261	69.4						
100	21.1	221	27.0	34.1	237	71.9	58.4	258	66.0						
105				27.2	228	67.5	54.3	254	61.3						
110				20.4	219	27.8	50.0	250	58.6						
115							45.3	245	55.5						
120							40.2	240	52.6						
125							34.5	233	50.0						
130							27.7	224	47.5						
132										57.0	245	39.4			
135										54.6	243	38.3			
140										50.2	239	36.6			
145										45.6	235	35.0			
150										40.6	229	33.5			
155										36.3	224	32.1			
160										29.9	216	30.8			
165										21.7	205	29.5			
206													37.0	188	14.1
210													33.4	183	13.8
215													26.3	174	13.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom</b> <b>95 ft luffing jib</b> <b>181 [ft] (2220), 95 [ft] (1311)</b>															
40	78.0	285	94.8												
45	75.1	283	94.0												
50	72.0	282	92.0												
55				75.0	282	93.8									
55	68.7	280	89.9	74.9	282	93.8									
60	65.4	278	86.7	71.7	281	93.3									
65	62.0	275	84.3	68.5	279	91.1									
70	58.5	272	81.2	65.2	277	88.2									
75	54.9	269	78.2	61.8	274	85.7									
80	51.0	265	75.8	58.3	271	82.5									
85	47.0	260	72.6	54.6	267	79.5									
90	42.6	255	69.3	50.8	263	77.1									
93							67.0	273	66.4						
95	37.8	249	66.4	46.7	259	73.4	65.4	272	66.2						
100	32.4	241	49.7	42.3	253	69.9	62.0	269	64.0						
105	25.9	232	46.7	37.4	247	66.9	58.5	266	60.9						
110	19.6	222	23.6	32.0	240	54.0	54.9	263	57.9						
115				25.4	230	50.6	51.0	259	55.2						
120				18.9	220	25.1	47.0	254	52.4						
125							42.6	249	49.8						
130							37.8	243	47.4						
135							32.4	235	45.2						
137										57.0	254	37.2			
140							25.9	226	43.1	55.1	252	36.3			
145										51.3	248	34.7			
150										47.2	243	33.2			
155										43.9	240	31.9			
160										39.2	234	30.6			
165										34.0	227	29.4			
170										28.0	218	28.2			
175										20.2	206	27.1			
214													37.0	194	13.0
215													36.9	194	13.0
220													31.3	186	12.5
225													24.6	176	12.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 105 ft luffing jib 181 [ft] (2220), 105 [ft] (1311)</b>															
42	78.0	294	85.7												
45	76.6	294	85.7												
50	73.7	292	84.1												
55	70.8	290	82.2												
57				75.0	292	85.2									
60	67.9	288	80.3	73.5	291	85.1									
65	64.9	286	77.8	70.6	289	84.4									
70	61.8	284	75.9	67.7	287	82.9									
75	58.6	281	73.3	64.7	285	80.6									
80	55.3	277	70.6	61.6	282	78.8									
85	51.9	273	68.5	58.4	279	76.0									
90	48.3	269	66.3	55.1	276	73.3									
95	44.4	264	55.4	51.6	272	71.1									
97							67.0	282	61.8						
100	40.3	258	50.9	48.0	268	68.4	64.9	280	61.8						
105	35.7	252	47.1	44.1	263	57.7	61.8	278	60.5						
110	30.5	244	44.5	40.0	257	54.0	58.6	275	57.9						
115	24.4	233	42.2	35.4	250	50.9	55.3	271	54.8						
120	18.3	223	20.7	30.1	242	47.9	51.9	267	52.0						
125				23.9	232	44.9	48.2	263	49.4						
130				17.6	221	22.6	44.4	258	47.0						
135							40.2	252	44.9						
140							35.7	246	42.8						
143										57.0	262	34.9			
145							30.5	238	40.9	55.5	260	34.2			
150							24.4	227	39.2	52.9	258	32.8			
155										49.3	253	31.5			
160										45.6	249	30.2			
165										41.5	243	29.0			
170										37.1	237	27.8			
175										32.1	229	26.8			
180										26.3	220	25.7			
222													37.0	200	11.8
225													34.8	196	11.6
230													29.5	188	11.1
235													23.1	177	10.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 115 ft luffing jib 181 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	304	76.6												
45	77.7	304	76.6												
50	75.2	302	75.6												
55	72.5	301	74.3												
60				75.0	301	76.1									
60	69.9	299	72.8	75.0	301	76.1									
65	67.2	297	71.1	72.4	300	75.8									
70	64.4	295	69.1	69.7	298	74.9									
75	61.6	292	67.6	67.0	296	73.6									
80	58.7	289	61.6	64.2	294	71.8									
85	55.7	286	59.4	61.4	291	70.5									
90	52.6	282	57.6	58.5	288	68.4									
95	49.3	278	55.3	55.5	284	66.3									
100	45.9	273	51.1	52.3	281	60.4									
100							67.0	291	58.4						
105	42.2	268	47.2	49.1	276	58.0	64.4	289	58.4						
110	38.3	261	43.8	45.6	272	54.0	61.6	286	56.9						
115	33.9	254	41.0	41.9	266	50.4	58.7	283	54.3						
120	29.0	246	39.0	38.0	260	47.2	55.7	280	51.6						
125	23.0	235	37.0	33.6	253	44.6	52.6	276	49.0						
130				28.6	244	42.3	49.3	272	46.6						
135				22.6	233	40.0	45.9	267	44.5						
140							42.2	262	42.5						
145							38.2	256	40.6						
148										57.0	270	32.5			
150							33.9	248	38.9	56.6	270	32.3			
155							28.9	240	37.2	53.5	266	31.0			
160							23.0	229	35.7	50.3	262	29.7			
165										46.9	257	28.5			
170										43.3	252	27.4			
175										39.4	246	26.4			
180										35.2	240	25.4			
185										30.5	232	24.4			
190										24.9	222	23.5			
229													37.0	206	10.6
230													37.0	206	10.6
235													33.1	199	10.3
240													28.0	190	9.9
245													21.8	179	9.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 125 ft luffing jib 181 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	314	69.2												
50	76.4	313	69.2												
55	74.0	311	67.7												
60	71.5	310	66.4												
63				75.0	311	68.6									
65	69.1	308	62.6	73.8	310	68.5									
70	66.6	306	60.7	71.4	309	68.2									
75	64.0	303	59.0	68.9	307	67.2									
80	61.4	300	57.7	66.4	304	66.0									
85	58.8	297	55.5	63.9	302	61.1									
90	56.0	294	53.6	61.2	299	60.0									
95	53.1	290	51.9	58.6	296	58.1									
100	50.2	286	50.5	55.8	293	56.3									
104							67.0	300	55.5						
105	47.1	282	47.0	52.9	289	54.8	66.6	300	55.5						
110	43.8	277	43.8	50.0	285	53.1	64.0	297	55.4						
115	40.3	271	40.9	46.8	281	49.8	61.4	295	53.6						
120	36.5	264	38.4	43.5	275	46.8	58.7	292	51.1						
125	32.3	257	36.4	40.0	270	44.0	56.0	288	48.7						
130	27.6	248	34.6	36.2	263	41.6	53.1	285	46.4						
135	23.3	239	18.0	32.0	255	39.7	50.2	281	44.2						
140				27.2	246	37.9	47.1	276	42.2						
145				21.4	235	36.1	43.8	271	40.4						
150							40.3	265	38.7						
154										57.0	279	30.8			
155							36.5	259	37.0	56.8	278	30.7			
160							32.3	251	35.5	54.0	275	29.4			
165							27.6	242	34.1	51.1	271	28.2			
170							23.3	233	23.7	48.0	266	27.1			
175										44.8	261	26.1			
180										41.3	256	25.1			
185										37.6	250	24.2			
190										33.6	242	23.3			
195										29.0	234	22.4			
200										23.7	223	21.6			
237													37.0	212	9.6
240													35.8	209	9.6
245													31.5	202	9.2
250													26.6	192	8.9
255													20.7	180	8.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 135 ft luffing jib 181 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	323	59.1												
50	77.4	323	59.1												
55	75.2	321	58.4												
60	72.9	320	57.5												
65	70.7	318	56.4	75.0	320	58.4									
70	68.4	316	55.2	72.8	319	58.2									
75	66.1	314	53.6	70.5	317	57.7									
80	63.7	312	52.3	68.2	315	56.7									
85	61.3	309	51.3	65.9	313	55.4									
90	58.8	306	49.4	63.5	311	54.2									
95	56.3	303	47.8	61.1	308	53.3									
100	53.6	299	46.3	58.6	305	51.7									
105	50.9	295	45.2	56.1	301	50.2									
108							67.0	309	51.8						
110	48.1	291	42.7	53.4	298	48.9	66.1	308	51.8						
115	45.1	286	40.0	50.7	294	47.9	63.7	306	51.7						
120	41.9	280	37.5	47.9	289	45.1	61.3	303	49.9						
125	38.6	274	35.2	44.9	284	42.5	58.8	300	47.7						
130	34.9	267	33.2	41.7	279	40.0	56.3	297	45.6						
135	31.9	261	18.0	38.3	273	37.9	53.6	293	43.6						
140	27.5	252	17.1	34.7	266	36.0	50.9	289	41.8						
145	22.2	241	16.1	30.6	258	34.6	48.1	285	40.0						
150				26.0	248	33.1	45.1	280	38.3						
155				21.8	239	17.6	41.9	274	36.7						
159										57.0	287	29.2			
160							38.6	268	35.2	57.0	287	28.9			
165							34.9	261	33.8	54.4	283	27.8			
170							31.9	255	24.1	51.7	279	26.7			
175							27.5	246	22.5	48.9	275	25.6			
180							22.2	235	20.9	46.0	270	24.7			
185										42.9	265	23.7			
190										39.6	259	22.9			
195										36.0	252	22.0			
200										32.1	245	21.2			
205										27.7	236	20.5			
210										22.6	225	19.7			
245													37.0	217	8.2
250													34.2	212	8.2
255													30.1	204	7.8
260													25.4	194	7.4
265													19.6	181	6.9

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 144 ft luffing jib 181 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	333	53.1												
55	76.2	332	52.9												
60	74.1	330	52.2												
65	72.1	329	51.3												
68				75.0	330	52.5									
70	70.0	327	50.3	74.0	329	52.4									
75	67.8	325	49.3	71.9	328	52.2									
80	65.6	323	48.0	69.8	326	51.6									
85	63.4	320	46.9	67.7	324	50.8									
90	61.2	317	46.0	65.5	322	49.6									
95	58.9	314	44.4	63.3	319	48.7									
100	56.5	311	43.0	61.0	316	47.9									
105	54.0	308	41.8	58.7	313	46.5									
110	51.5	304	40.8	56.3	310	45.2									
112							67.0	318	48.9						
115	48.9	299	39.1	53.9	306	44.1	65.6	317	48.8						
120	46.2	295	36.7	51.3	302	43.2	63.4	314	48.8						
125	43.3	289	34.5	48.7	298	41.3	61.2	312	46.9						
130	41.0	285	19.1	46.0	293	38.9	58.8	309	44.9						
135	37.8	279	17.9	43.1	288	36.7	56.5	305	43.1						
140	34.4	272	17.0	40.1	282	34.8	54.0	302	41.2						
145	30.6	264	16.2	37.6	277	19.8	51.5	298	39.6						
150	26.3	254	15.5	34.1	270	18.7	48.9	294	37.9						
155	21.2	242	14.7	30.3	262	17.8	46.2	289	36.3						
160				26.0	252	16.9	43.3	284	34.8						
164										57.0	295	27.4			
165				20.8	240	16.0	40.3	278	33.4	57.0	295	27.2			
170							37.8	273	23.5	54.8	292	26.2			
175							34.4	266	22.6	52.3	288	25.2			
180							30.6	258	21.3	49.7	284	24.2			
185							26.3	248	20.0	47.0	279	23.3			
190							21.2	236	18.7	44.2	274	22.4			
195										41.2	269	21.6			
200										38.0	262	20.8			
205										34.6	255	20.1			
210										30.8	247	19.4			
215										26.6	238	18.7			
220										21.6	226	18.0			
253													37.0	223	7.1
255													36.4	222	7.1
260													32.9	215	6.9
265													28.9	206	6.4
270													24.3	196	6.0
275													18.7	183	5.6



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 154 ft luffing jib 181 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	342	47.3												
55	77.1	342	47.3												
60	75.2	341	46.7												
65	73.2	339	46.0												
70	71.3	337	45.2												
70				75.0	339	46.6									
75	69.3	335	44.5	73.1	338	46.5									
80	67.3	333	43.5	71.1	336	46.2									
85	65.3	331	42.4	69.2	334	45.6									
90	63.2	329	41.5	67.2	332	45.0									
95	61.1	326	40.7	65.1	330	43.9									
100	58.9	323	39.4	63.0	328	43.1									
105	56.7	320	38.3	60.9	325	42.4									
110	54.4	316	37.2	58.7	322	41.2									
115	52.1	312	36.3	56.5	319	40.2									
116							67.0	327	43.8						
120	49.6	308	35.4	54.2	315	39.3	65.2	325	43.7						
125	47.1	304	33.8	51.9	311	38.5	63.2	323	43.7						
130	45.1	300	19.2	49.5	307	37.4	61.1	320	42.6						
135	42.4	294	18.3	46.9	302	35.8	58.9	317	41.6						
140	39.5	288	17.4	44.3	297	34.3	56.7	314	40.3						
145	36.4	282	16.7	42.2	293	20.2	54.4	310	38.6						
150	33.1	274	16.0	39.3	287	19.2	52.1	306	37.1						
155	29.4	266	15.3	36.2	280	18.4	49.6	302	36.0						
160	25.3	256	14.6	32.9	273	17.5	47.1	298	34.5						
165	20.3	244	13.8	29.2	264	16.6	44.5	293	33.2						
170										57.0	303	25.9			
170				25.0	254	15.8	42.4	288	24.5	57.0	303	25.7			
175				19.9	242	14.9	39.5	283	23.4	55.1	300	24.9			
180							36.4	276	22.4	52.8	297	23.9			
185							33.1	269	21.3	50.4	292	23.0			
190							29.4	260	20.1	47.9	288	22.1			
195							25.3	250	18.9	45.3	283	21.3			
200							20.3	238	17.6	42.6	278	20.5			
205										39.7	272	19.8			
210										36.6	265	19.1			
215										33.3	258	18.4			
220										29.7	250	17.8			
225										25.5	240	17.2			
230										20.6	227	16.6			
261													37.0	229	5.9
265													35.1	225	5.9
270													31.6	217	5.6
275													27.8	208	5.2
280													23.4	197	4.9
285													17.9	184	4.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 164 ft luffing jib 181 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	352	42.6												
55	77.9	352	42.6												
60	76.1	351	42.2												
65	74.3	349	41.7												
70	72.5	348	41.0												
73				75.0	349	41.7									
75	70.6	346	40.3	74.2	348	41.7									
80	68.7	344	39.7	72.3	347	41.6									
85	66.8	342	38.8	70.5	345	41.2									
90	64.9	340	37.9	68.6	343	40.8									
95	63.0	337	37.1	66.7	341	40.2									
100	61.0	334	36.5	64.8	339	39.3									
105	58.9	331	35.4	62.8	336	38.6									
110	56.9	328	34.4	60.8	333	37.9									
115	54.7	325	33.5	58.8	330	36.9									
120							67.0	336	39.7						
120	53.0	322	21.4	56.7	327	36.1	66.8	336	39.7						
125	50.8	318	19.4	54.6	323	35.3	64.9	334	39.6						
130	48.5	313	18.7	52.4	320	34.6	62.9	331	39.5						
135	46.1	309	18.0	50.1	316	33.9	61.0	329	39.1						
140	43.6	304	17.4	48.3	312	20.2	58.9	326	38.7						
145	40.9	298	16.9	45.9	307	19.5	56.8	322	37.9						
150	38.1	292	16.3	43.4	302	18.9	54.7	319	36.4						
155	35.2	285	15.9	40.7	296	18.4	52.5	315	35.1						
160	31.9	277	15.2	37.9	290	17.9	50.3	311	34.0						
165	28.4	268	14.5	34.9	283	17.3	48.5	308	28.2						
170	24.3	258	13.8	31.7	275	16.5	46.1	303	26.6						
175										57.0	312	24.4			
175	19.5	245	13.2	28.1	266	15.7	43.6	298	25.1	57.0	312	24.2			
180				24.0	256	14.8	40.9	292	23.7	55.3	309	23.4			
185				19.1	243	13.9	38.1	286	22.4	53.2	305	22.5			
190							35.2	279	21.3	50.9	301	21.7			
195							31.9	271	20.2	48.6	297	20.9			
200							28.4	262	19.1	46.2	292	20.1			
205							24.3	252	17.9	43.7	287	19.4			
210							19.5	239	16.8	41.1	281	18.7			
215										38.3	275	18.0			
220										35.3	268	17.4			
225										32.1	261	16.8			
230										28.6	252	16.2			
235										24.6	241	15.6			
240										19.8	229	15.1			
269													37.0	235	4.9
270													36.9	235	4.9
275													33.9	228	4.9
280													30.5	220	4.6
285													26.8	210	4.3
290													22.5	199	4.0
295													17.1	184	3.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 174 ft luffing jib 181 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	362	38.0												
60	76.9	361	37.9												
65	75.2	360	37.4												
70	73.5	358	37.0												
75	71.7	356	36.4												
75				75.0	358	37.2									
80	70.0	355	35.8	73.4	357	37.2									
85	68.2	353	35.3	71.6	355	37.0									
90	66.4	351	34.5	69.9	354	36.7									
95	64.6	348	33.8	68.1	352	36.4									
100	62.8	346	33.2	66.3	349	35.9									
105	61.3	344	30.1	64.5	347	35.3									
110	59.4	341	27.3	62.6	345	34.8									
115	57.5	337	24.9	60.7	342	34.3									
120	55.5	334	22.6	58.8	339	33.6									
123							67.0	345	35.2						
125	53.4	330	20.7	57.3	336	27.0	66.4	345	35.2						
130	51.3	326	19.0	55.3	333	25.2	64.6	342	35.1						
135	49.2	322	18.0	53.3	329	23.7	62.8	340	35.0						
140	46.9	318	17.1	51.2	325	22.4	60.9	337	34.7						
145	44.6	313	16.3	49.0	321	21.1	59.0	334	34.4						
150	42.2	307	15.6	46.8	316	19.9	57.0	331	33.9						
155	39.6	301	14.9	44.4	311	18.8	55.0	327	33.1						
160	36.9	295	14.3	42.0	306	17.8	53.4	325	26.5						
165	34.0	287	13.8	39.4	300	16.8	51.3	321	25.2						
170	30.9	279	13.4	36.7	293	15.9	49.2	316	24.0						
175	27.4	270	12.9	33.8	286	15.3	46.9	312	22.7						
180	23.5	259	12.5	30.6	278	14.8	44.6	307	21.5						
180										57.0	320	22.7			
185	18.8	246	12.0	27.2	269	14.2	42.2	301	20.3	55.6	317	22.1			
190				23.2	258	13.7	39.6	295	19.3	53.5	314	21.2			
195				18.4	244	13.1	36.9	289	18.4	51.5	310	20.4			
200							34.0	282	17.6	49.3	306	19.7			
205							30.9	274	16.8	47.1	301	18.9			
210							27.4	264	16.1	44.7	296	18.2			
215							23.5	253	15.3	42.3	291	17.6			
220							18.7	240	14.5	39.8	285	17.0			
225										37.1	278	16.4			
230										34.2	271	15.8			
235										31.1	263	15.2			
240										27.6	254	14.7			
245										23.7	243	14.2			
250										19.1	230	13.7			
277													37.0	241	3.8
280													35.7	238	3.8
285													32.7	231	3.7
290													29.5	222	3.4
295													25.9	212	3.2
300													21.7	200	2.9
305													16.4	185	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 184 ft luffing jib 181 [ft] (2220), 184 [ft] (1311)</b>															
59	78.0	371	34.2												
60	77.6	371	34.2												
65	76.0	370	33.9												
70	74.4	368	33.6												
75	72.8	367	33.2												
78				75.0	368	33.6									
80	71.5	366	31.0	74.3	367	33.6									
85	69.8	364	30.7	72.6	366	33.5									
90	68.2	362	30.1	71.0	364	33.2									
95	66.5	360	29.1	69.7	363	30.9									
100	64.7	357	28.3	68.0	361	30.5									
105	63.0	355	27.7	66.3	359	29.8									
110	61.2	352	26.9	64.6	356	29.1									
115	59.4	349	24.9	62.9	354	28.5									
120	57.6	346	23.0	61.1	351	27.9									
125	55.7	343	21.4	59.3	348	26.9									
127							67.0	354	29.0						
130	53.8	339	19.9	57.4	345	25.9	66.5	354	28.9						
135	51.8	335	18.7	55.6	341	25.0	64.7	351	28.9						
140	49.8	331	17.5	53.6	338	24.3	63.0	349	28.8						
145	47.7	326	16.5	51.6	334	23.6	61.2	346	28.4						
150	45.5	322	15.6	49.6	330	22.3	59.4	343	28.0						
155	43.2	316	14.7	47.5	325	20.7	57.6	340	27.3						
160	40.9	311	13.9	45.3	320	19.1	55.7	337	25.1						
165	38.4	304	13.2	43.1	315	17.7	53.8	333	23.2						
170	35.8	298	12.5	40.7	309	16.4	51.8	329	21.6						
175	33.0	290	12.2	38.2	303	15.2	49.7	325	20.2						
180	29.9	282	11.9	35.6	296	14.2	47.7	320	19.2						
185	26.5	272	11.7	32.7	289	13.8	45.5	316	18.3						
186										57.0	328	21.4			
190	22.7	261	11.4	29.7	280	13.5	43.2	310	17.4	55.8	326	20.9			
195	18.1	247	11.2	26.3	270	13.2	40.9	305	16.6	53.9	322	20.1			
200				22.4	259	12.9	38.4	299	15.8	51.9	318	19.3			
205				17.7	245	12.5	35.8	292	15.2	49.9	314	18.6			
210							32.9	284	14.7	47.8	310	17.9			
215							29.9	276	14.2	45.6	305	17.3			
220							26.5	266	13.7	43.4	300	16.7			
225							22.7	255	13.2	41.0	294	16.1			
230										38.5	288	15.5			
235										35.9	281	15.0			
240										33.1	274	14.4			
245										30.1	265	13.9			
250										26.7	256	13.4			
255										22.9	245	13.0			
260										18.4	231	12.5			
285													37.0	247	2.9
285													37.0	247	2.9
290													34.6	241	2.9
295													31.7	233	2.7
300													28.6	224	2.5
305													25.0	214	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 194 ft luffing jib 181 [ft] (2220), 194 [ft] (1311)</b>															
61	78.0	381	27.9												
65	77.1	380	27.9												
70	75.6	379	27.7												
75	74.0	378	27.6												
80	72.5	376	27.3												
80				75.0	377	27.6									
85	70.9	374	27.0	73.9	376	27.6									
90	69.3	372	26.8	72.4	375	27.5									
95	67.7	370	26.3	70.8	373	27.3									
100	66.1	368	25.7	69.2	371	27.0									
105	64.5	366	25.2	67.6	369	26.7									
110	62.8	363	24.8	66.0	367	26.1									
115	61.1	360	24.2	64.4	365	25.6									
120	59.4	358	22.9	62.7	362	25.3									
125	57.7	354	21.6	61.0	359	24.8									
130	55.9	351	20.5	59.3	356	24.0									
131							67.0	363	25.2						
135	54.1	347	19.5	57.5	353	23.2	66.1	362	25.2						
140	52.2	344	18.6	55.8	350	22.5	64.5	360	25.2						
145	50.3	340	17.8	53.9	346	21.8	62.8	357	25.0						
150	48.3	335	17.1	52.1	342	21.3	61.1	355	24.8						
155	46.3	330	16.3	50.1	338	20.5	59.4	352	24.5						
160	44.2	325	15.6	48.2	334	19.5	57.7	349	24.1						
165	42.0	320	15.0	46.1	329	18.5	55.9	345	23.1						
170	39.7	314	14.4	44.0	324	17.6	54.1	342	22.1						
175	37.3	308	13.8	41.8	319	16.7	52.2	338	21.3						
180	34.7	300	13.3	39.5	313	15.9	50.3	334	20.5						
185	32.0	293	12.9	37.1	306	15.2	48.3	329	19.6						
190	29.0	284	12.5	34.5	299	14.6	46.3	325	18.5						
191										57.0	336	20.1			
195	25.7	274	12.0	31.8	291	14.0	44.2	319	17.4	56.0	334	19.6			
200	21.9	262	11.6	28.8	282	13.4	42.0	314	16.5	54.2	331	18.9			
205	17.4	248	11.1	25.5	272	12.9	39.7	308	15.6	52.3	327	18.2			
210				21.7	261	12.3	37.3	302	14.8	50.4	323	17.5			
215				17.0	246	11.7	34.7	295	14.2	48.4	319	16.9			
220							32.0	287	13.7	46.4	314	16.2			
225							29.0	278	13.3	44.3	309	15.6			
230							25.7	268	12.8	42.1	303	15.1			
235							21.9	256	12.4	39.8	297	14.5			
240										37.4	291	14.0			
245										34.9	284	13.5			
250										32.1	276	13.0			
255										29.2	268	12.6			
260										25.9	258	12.1			
265										22.2	246	11.7			
270										17.7	232	11.3			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 181  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>181 ft main boom 203 ft luffing jib 181 [ft] (2220), 203 [ft] (1311)</b>															
63	78.0	391	24.8												
65	77.7	390	24.8												
70	76.3	389	24.7												
75	74.8	388	24.5												
80	73.4	386	24.4												
83				75.0	387	24.4									
85	71.9	385	24.1	74.7	387	24.4									
90	70.4	383	23.8	73.2	385	24.3									
95	68.9	381	23.6	71.8	384	24.3									
100	67.3	379	23.3	70.3	382	24.0									
105	65.8	377	23.0	68.8	380	23.8									
110	64.2	374	22.7	67.2	378	23.5									
115	62.7	372	22.5	65.7	376	23.2									
120	61.1	369	22.1	64.1	373	22.9									
125	59.4	366	21.3	62.5	371	22.6									
130	57.8	363	20.5	60.9	368	22.3									
135							67.0	373	23.6						
135	56.1	360	19.8	59.3	365	21.6	67.0	373	22.2						
140	54.3	356	19.1	57.6	362	20.9	65.8	371	22.2						
145	52.6	352	18.5	55.9	358	20.4	64.2	368	22.1						
150	50.8	348	18.0	54.2	355	19.8	62.7	366	22.0						
155	48.9	344	17.5	52.4	351	19.4	61.0	363	21.8						
160	47.0	339	16.9	50.6	347	18.9	59.4	360	21.7						
165	45.0	334	16.3	48.8	343	18.3	57.8	357	21.5						
170	43.0	329	15.8	46.8	338	17.8	56.1	354	21.2						
175	40.8	323	15.3	44.9	333	17.2	54.3	350	20.9						
180	38.6	317	14.9	42.8	328	16.7	52.6	346	20.7						
185	36.2	311	14.5	40.7	322	16.3	50.8	342	20.5						
190	33.7	303	14.0	38.4	316	15.8	48.9	338	19.9						
195	31.1	295	13.4	36.1	309	15.4	47.0	333	18.8						
196										57.0	345	18.8			
200	28.2	286	12.8	33.6	302	14.8	45.0	328	17.7	56.2	343	18.4			
205	24.9	276	12.2	30.9	294	14.1	42.9	323	16.6	54.4	339	17.7			
210	21.3	264	11.6	27.9	284	13.3	40.8	317	15.6	52.7	336	17.0			
215	16.8	249	11.0	24.7	274	12.5	38.6	311	14.7	50.9	332	16.4			
220				21.0	262	11.8	36.2	305	13.8	49.0	327	15.8			
225							33.7	297	13.3	47.1	323	15.2			
230							31.1	289	12.9	45.1	318	14.6			
235							28.2	280	12.5	43.1	312	14.1			
240							24.9	270	12.1	40.9	307	13.6			
245							21.3	258	11.7	38.7	301	13.1			
250										36.4	294	12.6			
255										33.9	287	12.2			
260										31.2	279	11.7			
265										28.3	270	11.3			
270										25.1	260	10.9			
275										21.5	248	10.5			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>66 ft luffing jib</b> <b>191 [ft] (2220), 66 [ft] (1311)</b>															
35	78.0	266	97.2												
35	77.9	266	97.2												
40	73.4	264	97.2												
45	68.7	262	97.2												
48				75.0	264	97.2									
50	63.9	260	97.2	73.5	263	97.2									
55	58.8	257	96.8	68.9	261	97.2									
60	53.4	253	96.2	64.0	259	97.2									
65	47.6	249	94.0	59.0	256	96.3									
70	41.2	243	89.9	53.6	252	94.4									
75	33.6	236	86.4	47.8	248	91.4									
80	24.0	227	80.8	41.4	243	86.9									
84							67.0	255	74.9						
85				33.9	236	83.2	65.7	255	74.9						
90				24.4	226	79.0	60.7	252	72.7						
95							55.5	248	68.8						
100							49.8	244	65.6						
105							43.6	239	60.7						
110							36.6	233	58.1						
115							27.9	224	55.2						
126										57.0	238	41.7			
130										52.0	234	39.8			
135										46.1	230	38.0			
140										39.4	224	36.3			
145										31.5	217	34.6			
150										20.9	205	33.1			
197													37.0	183	14.6
200													34.3	180	14.4
205													24.8	171	13.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>76 ft luffing jib</b> <b>191 [ft] (2220), 75 [ft] (1311)</b>															
37	78.0	275	97.2												
40	75.6	274	97.2												
45	71.6	273	97.2												
50	67.5	271	97.1												
51				75.0	273	97.2									
55	63.3	268	96.0	71.8	272	97.2									
60	58.9	265	93.4	67.7	270	97.2									
65	54.3	262	89.5	63.4	267	95.0									
70	49.3	258	86.4	59.0	264	92.0									
75	44.0	253	82.3	54.4	261	88.1									
80	38.0	247	78.8	49.5	257	84.9									
85	31.0	239	75.1	44.1	252	80.8									
88							67.0	264	70.9						
90	21.9	228	70.3	38.2	246	77.3	64.9	263	70.8						
95				31.2	238	74.1	60.6	260	68.2						
100				22.2	227	70.4	56.0	257	63.3						
105							51.2	253	60.4						
110							46.0	248	57.7						
115							40.3	243	54.9						
120							33.7	236	52.1						
125							25.6	226	49.5						
131										57.0	246	39.0			
135										53.1	243	37.5			
140										48.0	239	35.8			
145										42.5	233	34.2			
150										37.9	229	32.8			
155										30.8	221	31.4			
160										21.7	210	30.1			
205													37.0	189	13.3
205													37.0	189	13.3
210													31.5	183	12.9
215													22.7	172	12.3



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>85 ft luffing jib</b> <b>191 [ft] (2220), 85 [ft] (1311)</b>															
39	78.0	285	96.5												
40	77.3	285	96.5												
45	73.8	283	95.7												
50	70.3	281	93.2												
54				75.0	283	95.5									
55	66.6	279	90.1	73.9	282	95.5									
60	62.9	277	87.1	70.4	280	94.2									
65	59.0	274	83.9	66.7	278	90.7									
70	54.9	270	80.6	63.0	276	87.2									
75	50.6	266	78.0	59.1	273	84.0									
80	46.0	262	74.4	55.0	270	80.6									
85	41.0	256	70.9	50.7	266	78.0									
90	35.3	249	68.0	46.1	261	74.4									
91							67.0	273	66.4						
95	28.7	241	50.6	41.1	255	71.0	64.3	272	66.2						
100	20.1	229	46.7	35.5	249	68.2	60.4	269	62.5						
105				29.0	240	56.0	56.4	266	59.6						
110				20.5	229	51.5	52.2	262	56.7						
115							47.7	257	54.4						
120							42.9	252	51.8						
125							37.5	246	49.2						
130							31.3	238	46.8						
135							23.7	228	44.6						
136										57.0	254	36.6			
140										53.9	252	35.3			
145										49.5	247	33.8			
150										45.9	244	32.4			
155										40.9	238	31.0			
160										35.3	232	29.8			
165										28.6	223	28.5			
170										20.0	211	27.4			
213													37.0	195	11.8
215													35.8	193	11.8
220													29.3	185	11.4
225													20.9	174	11.0

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>95 ft luffing jib</b> <b>191 [ft] (2220), 95 [ft] (1311)</b>															
41	78.0	294	88.1												
45	75.6	293	87.5												
50	72.4	292	85.8												
55	69.2	290	83.8												
56				75.0	292	87.0									
60	65.9	288	81.0	72.5	291	86.7									
65	62.5	285	78.6	69.3	289	85.0									
70	59.0	282	76.0	66.0	287	82.5									
75	55.4	279	73.1	62.6	284	79.9									
80	51.6	275	70.9	59.1	281	77.3									
85	47.5	271	68.3	55.5	278	74.4									
90	43.2	265	56.5	51.7	274	72.0									
95	38.5	259	51.9	47.7	270	69.3									
95							67.0	282	61.6						
100	33.2	252	48.2	43.4	265	66.3	63.8	280	61.6						
105	26.9	243	45.0	38.6	259	56.2	60.3	277	59.1						
110	18.7	230	41.8	33.3	251	53.3	56.7	274	56.6						
115				27.1	242	49.7	53.0	270	53.9						
120				19.0	230	46.0	49.1	266	51.6						
125							44.8	261	49.0						
130							40.3	256	46.6						
135							35.2	249	44.5						
140							29.4	240	42.4						
142										57.0	263	34.6			
145							22.1	229	40.6	54.5	260	33.5			
150										51.5	257	32.1			
155										47.5	253	30.8			
160										43.1	248	29.5			
165										38.4	241	28.3			
170										33.1	234	27.2			
175										26.8	225	26.2			
180										18.5	212	25.1			
221													37.0	201	10.6
225													33.6	196	10.6
230													27.4	187	10.2
235													19.4	175	9.8

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>105 ft luffing jib</b> <b>191 [ft] (2220), 105 [ft] (1311)</b>															
43	78.0	304	79.1												
45	76.9	304	79.1												
50	74.1	302	77.9												
55	71.2	301	76.2												
59				75.0	302	78.5									
60	68.3	299	74.5	74.2	301	78.4									
65	65.3	296	72.2	71.3	300	78.0									
70	62.2	294	70.3	68.4	298	76.6									
75	59.1	291	68.0	65.4	295	74.7									
80	55.8	287	65.6	62.3	293	72.8									
85	52.4	284	59.9	59.2	290	70.6									
90	48.8	279	57.2	55.9	287	68.0									
95	45.0	274	52.8	52.5	283	65.9									
99							67.0	291	58.2						
100	40.9	269	48.8	48.9	279	60.1	66.4	291	58.2						
105	36.4	262	45.3	45.1	274	56.2	63.4	289	58.2						
110	31.3	255	42.5	41.0	268	52.6	60.2	286	55.7						
115	25.3	245	39.8	36.5	262	49.6	57.0	283	53.4						
120	19.5	235	19.6	31.5	254	46.7	53.6	279	50.9						
125				25.5	244	43.7	50.1	275	48.6						
130				17.7	231	40.7	46.4	270	46.3						
135							42.4	265	44.1						
140							38.1	259	42.1						
145							33.3	251	40.3						
147										57.0	271	32.2			
150							27.7	243	38.5	55.7	270	31.6			
155							20.7	231	36.9	52.3	266	30.3			
160										48.7	262	29.1			
165										44.9	257	27.9			
170										40.8	251	26.8			
175										36.3	244	25.8			
180										31.2	237	24.8			
185										25.2	227	23.9			
190										17.3	213	22.9			
229													37.0	207	9.5
230													36.7	206	9.5
235													31.7	199	9.2
240													25.8	189	8.9
245													18.1	176	8.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom                      115 ft luffing jib                      191 [ft] (2220), 115 [ft] (1311)</b>															
45	78.0	314	71.8												
50	75.5	312	71.1												
55	72.9	311	69.9												
60	70.3	309	68.5												
61				75.0	311	71.2									
65	67.6	307	66.9	73.0	310	71.0									
70	64.8	305	62.0	70.3	308	70.3									
75	62.0	302	60.5	67.6	306	69.1									
80	59.1	299	58.4	64.9	304	67.5									
85	56.1	296	56.2	62.1	301	66.1									
90	53.0	292	54.3	59.2	298	60.8									
95	49.8	288	52.6	56.2	295	58.8									
100	46.3	283	48.8	53.1	291	57.0									
103							67.0	301	55.3						
105	42.7	278	45.3	49.9	287	55.3	65.8	300	55.3						
110	38.8	272	42.2	46.5	283	52.0	63.0	297	55.2						
115	34.5	265	39.6	42.8	277	49.0	60.2	294	52.6						
120	29.7	257	37.4	38.9	271	46.4	57.2	291	50.4						
125	23.9	246	35.2	34.7	264	44.1	54.2	287	47.9						
130	18.4	236	17.8	29.9	256	41.5	51.0	284	45.8						
135				24.1	246	39.0	47.6	279	43.7						
140				18.6	235	19.4	44.1	274	41.7						
145							40.3	268	39.9						
150							36.2	262	38.2						
152										57.0	279	30.2			
155							31.6	254	36.6	56.1	278	29.8			
160							26.2	244	35.1	53.0	274	28.6			
165							19.5	232	33.7	49.7	270	27.4			
170										46.3	266	26.4			
175										42.7	260	25.3			
180										38.8	254	24.4			
185										34.5	247	23.5			
190										29.6	239	22.6			
195										23.9	229	21.8			
200										16.2	214	20.9			
236													37.0	213	8.3
240													34.9	209	8.3
245													30.1	201	8.0
250													24.4	191	7.7
255													17.0	177	7.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 125 ft luffing jib 191 [ft] (2220), 125 [ft] (1311)</b>															
47	78.0	323	61.9												
50	76.7	323	61.9												
55	74.3	321	60.9												
60	71.9	320	59.7												
64				75.0	321	61.0									
65	69.4	318	58.5	74.4	320	61.0									
70	66.9	316	56.8	72.0	319	60.7									
75	64.4	313	55.1	69.5	317	59.7									
80	61.8	311	53.9	67.0	315	58.6									
85	59.1	308	52.0	64.5	312	57.1									
90	56.4	304	50.1	61.9	310	55.9									
95	53.5	301	48.5	59.2	307	54.3									
100	50.6	297	47.2	56.5	304	52.6									
105	47.5	292	44.3	53.6	300	51.2									
107							67.0	310	51.9						
110	44.2	287	41.4	50.7	296	50.0	65.3	308	51.8						
115	40.8	282	38.7	47.6	291	47.4	62.8	306	51.4						
120	37.0	275	36.4	44.3	286	45.0	60.1	303	49.1						
125	32.9	268	34.4	40.9	281	42.7	57.4	300	47.1						
130	29.4	261	18.0	37.2	274	40.7	54.6	296	44.9						
135	24.1	251	17.0	33.1	267	38.8	51.7	292	43.0						
140	17.3	237	16.0	28.4	258	36.6	48.7	288	41.5						
145				22.9	247	34.5	45.5	283	39.7						
150				17.6	236	17.4	42.1	278	38.0						
155							38.5	271	36.4						
158										57.0	287	28.6			
160							34.5	264	34.9	56.3	287	28.3			
165							30.1	256	33.5	53.5	283	27.2			
170							26.2	249	23.2	50.5	279	26.1			
175							20.1	236	21.5	47.5	274	25.1			
180										44.2	269	24.1			
185										40.7	264	23.2			
190										37.0	257	22.4			
195										32.9	250	21.5			
200										28.2	241	20.8			
205										22.6	230	20.0			
244													37.0	219	7.1
245													37.0	219	7.2
250													33.2	212	7.2
255													28.6	203	6.8
260													23.2	192	6.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 135 ft luffing jib 191 [ft] (2220), 135 [ft] (1311)</b>															
49	78.0	333	56.0												
50	77.7	333	56.0												
55	75.5	332	55.5												
60	73.3	330	54.6												
65	71.0	328	53.5												
66				75.0	330	55.3									
70	68.7	326	52.5	73.3	329	55.1									
75	66.4	324	50.9	71.1	327	54.7									
80	64.0	322	49.6	68.8	325	53.7									
85	61.6	319	48.6	66.5	323	52.6									
90	59.2	316	46.9	64.1	321	51.4									
95	56.6	313	45.3	61.7	318	50.5									
100	54.0	309	44.0	59.2	315	49.1									
105	51.3	305	42.8	56.7	312	47.6									
110	48.5	301	40.8	54.1	309	46.4									
111							67.0	319	48.5						
115	45.5	296	38.3	51.4	305	45.3	64.9	317	48.4						
120	42.4	291	35.9	48.5	300	43.5	62.5	314	48.0						
125	39.0	285	33.8	45.6	295	41.3	60.1	311	45.9						
130	36.3	280	18.1	42.5	290	39.3	57.6	308	44.2						
135	32.5	272	17.2	39.2	284	37.5	55.0	305	42.2						
140	28.1	263	16.4	35.6	277	36.0	52.3	301	40.5						
145	23.0	252	15.6	31.6	270	34.3	49.5	297	39.2						
150				28.3	263	18.0	46.6	292	37.6						
155				23.2	252	17.1	43.6	287	36.0						
160				16.6	237	16.0	40.3	281	34.5						
163										57.0	296	26.8			
165										56.6	295	26.7			
170							36.8	275	33.2	54.0	292	25.6			
175							33.9	269	23.3	51.2	288	24.6			
180							29.8	261	21.9	48.4	283	23.7			
185							25.0	251	20.6	45.5	278	22.8			
190							19.1	238	19.3	42.3	273	21.9			
195										39.0	267	21.1			
200										35.4	260	20.4			
205										31.4	252	19.6			
210										26.9	243	18.9			
215										21.6	231	18.2			
252													37.0	224	6.0
255													35.7	222	6.0
260													31.8	214	5.8
265													27.4	205	5.5
270													22.1	194	5.1

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom</b> <b>144 ft luffing jib</b> <b>191 [ft] (2220), 144 [ft] (1311)</b>															
51	78.0	343	50.1												
55	76.5	342	50.1												
60	74.4	340	49.3												
65	72.4	339	48.4												
69				75.0	340	49.5									
70	70.2	337	47.5	74.5	339	49.5									
75	68.1	335	46.5	72.4	338	49.3									
80	65.9	333	45.2	70.3	336	48.7									
85	63.7	330	44.1	68.2	334	47.8									
90	61.5	328	43.3	66.0	332	46.8									
95	59.2	325	41.9	63.8	329	45.8									
100	56.8	321	40.5	61.6	327	45.0									
105	54.4	318	39.3	59.2	324	43.8									
110	51.9	314	38.3	56.9	321	42.6									
114							67.0	328	45.1						
115	49.3	310	37.0	54.5	317	41.5	66.7	327	45.1						
120	46.6	305	34.8	52.0	313	40.6	64.6	325	45.1						
125	44.4	301	19.5	49.4	309	39.3	62.3	322	44.6						
130	41.4	296	18.2	46.6	304	37.4	60.0	320	42.8						
135	38.3	290	17.0	43.8	299	35.7	57.7	317	41.3						
140	34.9	283	16.1	40.8	294	34.1	55.3	313	39.5						
145	31.1	275	15.5	38.4	289	18.9	52.8	309	38.0						
150	26.9	265	14.9	35.0	282	17.8	50.2	305	36.8						
155	22.0	254	14.3	31.3	274	17.1	47.6	301	35.4						
160				27.1	265	16.3	44.8	296	33.9						
165				22.2	253	15.5	42.5	292	23.0						
168										57.0	304	25.2			
170										56.8	304	25.1			
175										36.2	279	21.1	54.3	300	24.1
180										32.6	272	20.2	51.8	296	23.2
185										28.6	263	19.2	49.2	292	22.3
190										23.9	252	18.2	46.5	287	21.5
195										18.2	239	17.2	43.7	282	20.7
200													40.7	276	19.9
205													37.5	270	19.2
210													34.0	263	18.5
215													30.2	255	17.9
220													25.8	245	17.2
225													20.6	233	16.6
260															37.0
265															230
270															4.8
275															4.8
280															4.4
															4.1
															3.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 154 ft luffing jib 191 [ft] (2220), 154 [ft] (1311)</b>															
53	78.0	352	45.2												
55	77.4	352	45.2												
60	75.5	351	44.7												
65	73.5	349	44.2												
70	71.6	347	43.3												
71				75.0	349	44.5									
75	69.6	346	42.6	73.6	348	44.4									
80	67.6	344	41.6	71.6	347	44.3									
85	65.5	341	40.6	69.6	345	43.6									
90	63.5	339	39.7	67.6	343	42.9									
95	61.4	336	39.0	65.6	340	42.0									
100	59.2	333	37.8	63.5	338	41.2									
105	57.0	330	36.7	61.4	335	40.5									
110	54.7	326	35.7	59.3	332	39.6									
115	52.4	323	34.8	57.1	329	38.8									
118							67.0	337	41.1						
120	50.0	319	34.0	54.8	326	38.0	66.3	336	41.0						
125	48.1	315	19.9	52.5	322	37.4	64.2	334	41.0						
130	45.5	310	18.7	50.1	318	36.6	62.1	331	40.6						
135	42.8	305	17.7	47.6	313	35.0	60.0	328	39.5						
140	39.9	299	16.7	44.9	308	33.6	57.8	325	38.7						
145	36.9	293	15.8	42.9	304	19.9	55.6	322	37.2						
150	33.6	285	15.2	40.0	298	18.7	53.3	318	35.8						
155	30.0	277	14.6	37.0	292	17.6	50.9	314	34.7						
160	25.9	267	14.0	33.7	285	16.7	48.4	310	33.6						
165	21.1	255	13.4	30.1	276	16.0	46.4	306	24.2						
170				26.0	267	15.2	43.8	301	22.9						
174										57.0	312	23.8			
175				21.2	255	14.5	41.0	295	21.7	57.0	312	23.8			
180							38.0	289	20.6	54.7	309	22.9			
185							34.8	282	19.7	52.4	305	22.0			
190							31.3	274	18.7	49.9	301	21.2			
195							27.5	265	17.8	47.4	296	20.4			
200							23.0	254	16.8	44.8	291	19.6			
205										42.1	286	18.9			
210										39.2	280	18.2			
215										36.1	273	17.6			
220										32.7	266	17.0			
225										29.0	257	16.4			
230										24.8	247	15.8			
235										19.7	234	15.2			
268													37.0	236	4.0
270													36.4	235	4.0
275													33.0	227	3.9
280													29.4	219	3.6
285													25.2	209	3.4
290													20.2	196	3.1



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 164 ft luffing jib 191 [ft] (2220), 164 [ft] (1311)</b>															
55	78.0	362	40.3												
60	76.3	361	40.1												
65	74.5	359	39.6												
70	72.7	358	39.0												
74				75.0	359	39.6									
75	70.9	356	38.3	74.6	358	39.5									
80	69.0	354	37.8	72.8	357	39.4									
85	67.1	352	36.9	70.9	355	39.1									
90	65.2	350	36.0	69.1	353	38.6									
95	63.2	347	35.2	67.2	351	38.1									
100	61.2	345	34.6	65.2	349	37.3									
105	59.2	342	33.7	63.3	346	36.6									
110	57.6	339	26.5	61.3	344	36.0									
115	55.5	336	24.0	59.3	341	35.5									
120	53.3	332	21.8	57.2	338	34.9									
122							67.0	346	37.0						
125	51.1	328	19.9	55.1	334	34.5	65.9	345	36.9						
130	48.8	324	18.8	52.9	330	34.0	64.0	342	36.9						
135	46.4	319	17.8	50.7	326	33.7	62.0	339	36.7						
140	43.9	314	17.0	48.9	323	22.5	60.0	337	36.3						
145	41.3	308	16.2	46.5	318	21.0	57.9	333	36.1						
150	38.5	302	15.4	44.0	313	19.7	55.8	330	34.9						
155	35.6	296	14.8	41.4	308	18.5	53.6	326	33.6						
160	32.4	288	14.3	38.6	302	17.3	51.9	324	27.2						
165	28.9	279	13.7	35.7	295	16.4	49.7	319	26.0						
170	24.9	269	13.1	32.5	287	15.6	47.3	315	24.4						
175	20.2	257	12.6	29.0	279	14.9	44.9	310	22.9						
179										57.0	320	22.5			
180				25.1	268	14.2	42.3	304	21.5	57.0	320	22.4			
185				20.4	256	13.5	39.6	299	20.2	55.0	317	21.5			
190							36.7	292	19.1	52.8	313	20.7			
195							33.6	285	18.2	50.6	309	19.9			
200							30.2	276	17.3	48.2	305	19.2			
205							26.5	267	16.4	45.8	300	18.5			
210							22.1	255	15.5	43.3	295	17.8			
215										40.6	289	17.2			
220										37.8	283	16.6			
225										34.8	276	16.0			
230										31.6	268	15.4			
235										28.0	259	14.9			
240										23.9	248	14.3			
245										18.9	235	13.8			
276													37.0	242	3.1
280													35.1	238	3.1
285													31.9	230	2.8
290													28.3	221	2.7
295													24.3	211	2.6
300													19.4	198	2.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>191 ft main boom 174 ft luffing jib 191 [ft] (2220), 174 [ft] (1311)</b>															
57	78.0	371	36.6												
60	77.1	371	36.6												
65	75.4	370	36.1												
70	73.7	368	35.7												
75	72.0	367	35.1												
76				75.0	368	35.9									
80	70.2	365	34.5	73.8	367	35.9									
85	68.5	363	34.0	72.0	366	35.7									
90	66.7	361	33.2	70.3	364	35.4									
95	65.3	359	30.6	68.5	362	35.1									
100	63.4	356	29.7	66.7	360	34.6									
105	61.6	354	29.1	64.9	357	34.0									
110	59.7	351	26.7	63.1	355	33.4									
115	57.7	348	24.4	61.6	353	30.1									
120	55.7	344	22.3	59.7	350	28.6									
125	53.7	341	20.5	57.8	347	27.0									
126							67.0	355	33.4						
130	51.6	337	18.9	55.8	343	25.6	65.5	353	33.4						
135	49.5	333	17.8	53.8	340	24.3	63.7	351	33.4						
140	47.2	328	16.8	51.7	336	23.3	61.8	348	33.1						
145	44.9	323	16.0	49.5	332	21.9	60.4	346	30.6						
150	42.5	318	15.1	47.3	327	20.5	58.5	343	29.7						
155	40.0	312	14.4	45.0	322	19.1	56.5	339	28.1						
160	37.3	305	13.7	42.6	317	17.9	54.5	336	26.2						
165	34.4	298	13.2	40.0	311	16.7	52.4	332	24.6						
170	31.3	290	12.7	37.4	305	15.6	50.3	328	23.2						
175	27.9	281	12.3	34.5	298	14.8	48.1	324	22.0						
180	24.1	271	11.9	31.4	290	14.3	45.8	319	20.8						
185										57.0	329	21.1			
185	19.5	258	11.5	28.0	281	13.7	43.4	314	19.6	57.0	329	20.9			
190				24.2	270	13.2	40.9	308	18.6	55.2	326	20.2			
195				19.6	257	12.6	38.3	302	17.7	53.2	322	19.5			
200							35.5	295	16.9	51.1	318	18.7			
205							32.5	287	16.2	48.9	314	18.0			
210							29.2	279	15.5	46.7	309	17.4			
215							25.5	269	14.8	44.3	304	16.7			
220							21.3	257	14.1	41.9	299	16.1			
225										39.3	293	15.5			
230										36.6	286	15.0			
235										33.7	279	14.5			
240										30.5	270	13.9			
245										27.0	261	13.5			
250										23.0	250	13.0			
255										18.2	236	12.5			
284													37.0	248	2.6
285													36.8	248	2.6
290													33.9	241	2.6
295													30.8	232	2.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 184 ft luffing jib 191 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	381	32.8												
60	78.0	381	30.8												
65	76.6	380	30.6												
70	75.0	379	30.4												
75	73.4	377	30.2												
79				75.0	378	32.3									
80	71.7	376	29.9	75.0	378	30.6									
85	70.1	374	29.6	73.4	376	30.6									
90	68.4	372	29.0	71.8	375	30.5									
95	66.7	370	28.1	70.1	373	30.1									
100	65.0	367	27.2	68.4	371	29.8									
105	63.2	365	26.4	66.8	369	29.1									
110	61.5	362	25.8	65.0	367	28.1									
115	59.7	359	23.9	63.3	364	27.3									
120	57.8	356	22.1	61.5	361	26.7									
125	56.0	353	20.5	59.7	358	25.7									
130							67.0	364	29.9						
130	54.0	349	19.1	57.9	355	24.8	67.0	364	28.3						
135	52.1	345	17.8	56.0	352	23.9	65.6	362	28.3						
140	50.0	341	16.7	54.1	348	23.1	63.9	360	28.2						
145	48.0	337	15.8	52.1	345	22.4	62.1	357	27.9						
150	45.8	332	14.9	50.1	340	21.4	60.3	354	27.5						
155	43.5	327	14.1	48.0	336	20.0	58.5	351	27.2						
160	41.2	321	13.4	45.9	331	18.6	56.6	348	25.7						
165	38.7	315	12.6	43.6	326	17.3	54.7	344	23.7						
170	36.1	308	12.0	41.3	320	16.1	52.8	341	21.8						
175	33.3	301	11.6	38.8	314	15.0	50.8	337	20.3						
180	30.3	293	11.3	36.2	308	14.0	48.7	332	19.1						
185	27.0	283	11.0	33.4	300	13.4	46.6	328	18.3						
190										57.0	337	19.9			
190	23.2	272	10.7	30.4	292	13.0	44.4	323	17.5	57.0	337	19.8			
195	18.8	259	10.4	27.1	283	12.6	42.1	317	16.7	55.5	334	19.1			
200				23.4	272	12.2	39.7	311	16.0	53.6	331	18.4			
205				18.9	258	11.8	37.1	305	15.4	51.6	327	17.7			
210							34.4	298	14.8	49.5	322	17.1			
215							31.5	290	14.3	47.4	318	16.4			
220							28.3	281	13.8	45.2	313	15.8			
225							24.7	270	13.3	43.0	308	15.2			
230							20.5	258	12.8	40.6	302	14.7			
235										38.1	296	14.2			
240										35.5	289	13.7			
245										32.6	281	13.2			
250										29.5	273	12.7			
255										26.1	263	12.3			
260										22.2	252	11.8			
265										17.5	237	11.4			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 194 ft luffing jib 191 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	391	27.4												
65	77.3	390	27.4												
70	75.8	389	27.2												
75	74.2	388	27.1												
80	72.7	386	26.8												
82				75.0	387	27.1									
85	71.1	384	26.5	74.3	387	27.1									
90	69.5	382	26.2	72.7	385	27.0									
95	68.0	380	25.7	71.2	383	26.8									
100	66.3	378	25.1	69.6	382	26.6									
105	64.7	376	24.5	68.0	380	26.3									
110	63.0	373	24.0	66.4	377	25.7									
115	61.4	371	23.6	64.8	375	25.1									
120	59.7	368	22.2	63.1	373	24.6									
125	57.9	365	21.0	61.4	370	24.2									
130	56.1	361	19.8	59.7	367	23.4									
134							67.0	373	24.9						
135	54.3	358	18.8	58.0	364	22.5	66.9	373	24.9						
140	52.5	354	17.9	56.2	360	21.8	65.3	371	24.8						
145	50.6	350	17.0	54.4	357	21.1	63.7	368	24.8						
150	48.6	346	16.2	52.5	353	20.5	62.0	366	24.5						
155	46.6	341	15.4	50.6	349	19.9	60.3	363	24.3						
160	44.5	336	14.7	48.7	345	18.9	58.6	360	24.0						
165	42.3	330	14.0	46.6	340	17.9	56.8	356	23.2						
170	40.0	325	13.4	44.5	335	17.0	55.0	353	22.1						
175	37.6	318	12.8	42.4	330	16.1	53.2	349	21.2						
180	35.1	311	12.2	40.1	324	15.3	51.3	345	20.3						
185	32.4	304	11.8	37.7	317	14.6	49.3	341	19.6						
190	29.4	295	11.4	35.2	311	14.0	47.3	336	18.5						
195	26.2	285	11.0	32.4	303	13.4	45.2	332	17.6						
195										57.0	345	18.5			
200	22.5	274	10.6	29.5	294	12.9	43.1	326	16.6	55.7	343	17.9			
205	18.1	260	10.2	26.3	285	12.3	40.9	321	15.8	53.9	339	17.3			
210				22.6	273	11.8	38.5	314	15.0	52.0	335	16.6			
215				18.3	259	11.2	36.0	308	14.3	50.1	331	16.0			
220							33.4	300	13.8	48.1	327	15.4			
225							30.5	292	13.4	46.1	322	14.8			
230							27.4	283	12.9	43.9	317	14.3			
235							23.9	272	12.5	41.7	311	13.7			
240							19.8	259	12.0	39.4	305	13.2			
245										37.0	299	12.8			
250										34.4	292	12.3			
255										31.7	284	11.9			
260										28.7	275	11.4			
265										25.3	265	11.0			
270										21.5	253	10.6			
275										16.8	238	10.2			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 191  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>191 ft main boom 203 ft luffing jib 191 [ft] (2220), 203 [ft] (1311)</b>															
64	78.0	400	24.0												
65	77.9	400	24.0												
70	76.5	399	23.8												
75	75.0	398	23.7												
80	73.6	396	23.6												
84				75.0	397	25.1									
85	72.1	395	23.4	75.0	397	23.5									
90	70.6	393	23.1	73.6	395	23.5									
95	69.1	391	22.9	72.1	394	23.4									
100	67.6	389	22.6	70.6	392	23.2									
105	66.0	387	22.3	69.1	390	23.1									
110	64.5	384	22.0	67.6	388	22.9									
115	62.9	382	21.7	66.1	386	22.6									
120	61.3	379	21.4	64.5	384	22.2									
125	59.6	376	20.6	62.9	381	22.0									
130	58.0	373	19.8	61.3	378	21.7									
135	56.3	370	19.0	59.7	375	21.0									
138							67.0	382	21.5						
140	54.6	366	18.4	58.0	372	20.3	66.6	381	21.5						
145	52.8	363	17.8	56.4	369	19.7	65.0	379	21.4						
150	51.0	359	17.2	54.6	365	19.1	63.5	377	21.4						
155	49.2	354	16.6	52.9	362	18.6	61.9	374	21.2						
160	47.3	350	15.9	51.1	358	18.1	60.2	371	21.0						
165	45.3	345	15.2	49.2	353	17.6	58.6	368	20.8						
170	43.2	340	14.6	47.3	349	17.0	56.9	365	20.6						
175	41.1	334	14.0	45.3	344	16.4	55.2	361	20.3						
180	38.9	328	13.5	43.3	339	15.9	53.5	358	20.1						
185	36.6	321	13.0	41.2	333	15.4	51.7	354	19.9						
190	34.1	314	12.5	39.0	327	14.9	49.8	350	19.7						
195	31.4	306	12.0	36.6	321	14.5	48.0	345	18.8						
200	28.6	297	11.5	34.2	313	14.0	46.0	341	17.7						
201										57.0	353	17.1			
205	25.4	287	10.9	31.5	305	13.3	44.0	335	16.7	55.9	351	16.8			
210	21.8	275	10.4	28.7	297	12.7	41.9	330	15.7	54.1	348	16.1			
215	17.5	261	9.9	25.5	287	12.0	39.7	324	14.8	52.4	344	15.5			
220				21.9	275	11.4	37.4	318	14.0	50.6	340	14.9			
225				17.6	260	10.7	35.0	311	13.3	48.7	335	14.4			
230							32.4	303	12.9	46.8	331	13.8			
235							29.7	294	12.5	44.8	326	13.3			
240							26.6	285	12.0	42.7	320	12.8			
245							23.2	274	11.6	40.6	315	12.3			
250							19.2	260	11.2	38.3	309	11.9			
255										36.0	302	11.4			
260										33.5	294	11.0			
265										30.8	286	10.6			
270										27.8	277	10.2			
275										24.6	267	9.8			
280										20.8	254	9.5			
285										16.2	239	9.1			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 66

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 66 ft luffing jib 200 [ft] (2220), 66 [ft] (1311)</b>															
36	78.0	274	97.2												
40	74.0	273	97.2												
45	69.3	271	97.2												
50				75.0	272	97.2									
50	64.5	269	96.6	74.5	272	97.2									
55	59.5	266	94.8	69.9	271	97.2									
60	54.1	263	91.5	65.1	268	95.9									
65	48.4	258	88.5	60.1	265	93.4									
70	42.0	253	84.6	54.8	262	89.3									
75	34.6	246	81.5	49.1	258	86.0									
80	25.4	237	78.4	42.8	253	82.1									
85				35.6	246	78.9									
86							67.0	264	71.2						
90				26.7	237	76.0	63.0	262	70.8						
95				16.8	227	31.4	57.9	259	67.1						
100							52.5	255	62.0						
105							46.6	250	59.2						
110							40.0	245	56.5						
115							32.2	237	54.3						
120							21.9	227	51.6						
129										57.0	246	39.0			
130										56.2	245	38.7			
135										50.6	241	36.9			
140										44.5	237	35.2			
145										37.6	230	33.7			
150										31.4	224	32.3			
203													37.0	189	12.7
205													36.3	189	12.7
210													27.5	180	12.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 75

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 76 ft luffing jib 200 [ft] (2220), 75 [ft] (1311)</b>															
38	78.0	284	96.4												
40	76.1	283	96.4												
45	72.1	282	95.6												
50	68.1	280	92.7												
52				75.0	282	95.2									
55	63.8	277	89.2	72.6	281	95.1									
60	59.5	275	86.1	68.6	279	92.3									
65	54.9	271	82.6	64.4	277	88.6									
70	50.0	267	80.0	60.0	274	85.4									
75	44.6	262	76.5	55.4	271	81.7									
80	38.7	256	73.5	50.6	267	79.0									
85	31.9	249	70.7	45.3	262	75.5									
90							67.0	273	66.6						
90	23.2	238	67.4	39.5	256	72.5	66.8	273	66.6						
95				32.8	249	70.1	62.6	270	65.7						
100				24.4	239	67.4	58.1	267	61.4						
105							53.4	264	58.3						
110							48.4	259	55.9						
115							43.0	254	53.4						
120							36.8	248	51.3						
125							29.6	240	48.8						
130							19.9	228	46.4						
135										57.0	254	36.6			
140										56.6	254	36.4			
145										51.8	250	34.8			
150										46.7	246	33.3			
155										42.4	241	31.9			
160										36.2	235	30.5			
211										28.8	227	29.3			
215													37.0	195	11.0
220													33.4	191	10.9
													25.2	182	10.4

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 85

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 85 ft luffing jib 200 [ft] (2220), 85 [ft] (1311)</b>															
40	78.0	294	89.7												
40	77.8	294	89.7												
45	74.3	292	88.6												
50	70.7	290	86.5												
55				75.0	291	88.4									
55	67.1	288	83.7	74.7	291	88.4									
60	63.3	286	80.9	71.2	290	87.7									
65	59.5	283	78.2	67.5	288	84.7									
70	55.4	280	75.1	63.8	285	81.4									
75	51.1	276	72.7	59.9	282	78.7									
80	46.6	271	69.8	55.9	279	75.4									
85	41.6	266	66.9	51.7	275	72.9									
90	36.1	259	52.5	47.2	271	70.1									
94							67.0	282	61.6						
95	29.6	251	48.9	42.3	265	67.3	66.0	281	61.6						
100	21.4	240	45.3	36.8	259	58.7	62.2	279	60.9						
105				30.5	251	54.9	58.3	276	58.1						
110				22.6	240	50.2	54.2	272	55.3						
115							49.8	268	53.1						
120							45.2	263	50.6						
125							40.0	257	48.5						
130							34.3	250	46.1						
135							27.5	242	44.0						
140							18.2	229	41.9	57.0	262	34.3			
145										53.8	260	32.8			
150										49.4	255	31.4			
155										44.7	251	30.1			
160										39.5	245	28.9			
165										33.7	238	27.7			
170										26.7	229	26.6			
219													37.0	201	9.7
220													37.0	201	9.5
225													31.1	194	9.2
230													23.3	183	8.9



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 95

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 95 ft luffing jib 200 [ft] (2220), 95 [ft] (1311)</b>															
42	78.0	303	81.0												
45	75.9	302	80.6												
50	72.8	301	79.1												
55	69.6	299	77.2												
57				75.0	301	79.9									
60	66.3	297	74.8	73.2	300	79.7									
65	62.9	294	72.5	70.0	298	78.6									
70	59.5	292	70.2	66.7	296	76.5									
75	55.8	288	67.6	63.4	294	73.9									
80	52.1	284	65.5	59.9	291	71.7									
85	48.1	280	58.6	56.3	288	68.9									
90	43.8	275	53.9	52.5	284	66.7									
95	39.1	269	49.7	48.6	280	61.2									
98							67.0	291	58.2						
100	33.9	262	46.2	44.3	275	57.6	65.3	290	58.2						
105	27.7	253	42.9	39.7	269	54.5	61.9	287	57.3						
110	19.9	241	39.5	34.5	262	51.7	58.4	284	54.6						
115				28.6	253	48.1	54.7	281	52.1						
120				21.0	242	44.3	50.9	277	50.0						
125							46.8	272	47.8						
130							42.4	267	45.6						
135							37.6	261	43.7						
140							32.2	253	41.8						
145							25.7	243	40.0						
145										57.0	271	32.1			
150							19.3	234	26.5	54.4	268	31.1			
155										50.5	264	29.8			
160										46.4	260	28.6			
165										42.0	254	27.5			
170										37.1	248	26.4			
175										31.6	240	25.4			
180										25.0	230	24.4			
227													37.0	207	8.4
230													35.0	204	8.4
235													29.1	196	8.0
240													21.7	185	7.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 105

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 105 ft luffing jib 200 [ft] (2220), 105 [ft] (1311)</b>															
44	78.0	313	73.8												
45	77.3	313	73.8												
50	74.5	311	72.8												
55	71.6	310	71.3												
60				75.0	310	73.0									
60	68.7	308	69.8	74.8	310	73.0									
65	65.7	305	67.6	71.9	309	72.6									
70	62.6	303	65.8	69.0	307	71.5									
75	59.5	300	60.7	66.1	305	69.9									
80	56.2	297	58.3	63.0	302	67.9									
85	52.8	293	56.3	59.9	299	66.1									
90	49.2	289	54.1	56.6	296	60.8									
95	45.4	284	50.3	53.2	292	58.9									
100	41.4	278	46.8	49.7	288	57.0									
101							67.0	300	55.4						
105	36.9	272	43.8	45.9	284	53.7	64.8	298	55.3						
110	32.0	264	41.0	41.9	278	50.8	61.7	296	54.3						
115	26.1	255	38.0	37.5	272	48.3	58.5	293	51.7						
120	18.6	242	34.9	32.6	264	45.7	55.2	289	49.3						
125				26.9	255	42.8	51.8	285	47.2						
130				19.7	243	39.8	48.1	281	45.3						
135							44.3	276	43.3						
140							40.1	270	41.4						
145							35.5	263	39.7						
150							30.4	255	38.0						
151										57.0	279	30.1			
155							24.1	245	36.4	54.9	277	29.3			
160							18.0	235	24.4	51.4	273	28.1			
165										47.8	268	27.0			
170										43.9	263	25.9			
175										39.7	257	24.9			
180										35.1	251	24.0			
185										29.8	242	23.1			
190										23.5	232	22.2			
235													37.0	213	7.4
235													37.0	213	7.5
240													33.0	207	7.4
245													27.4	198	7.0
250													20.3	186	6.6

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 115

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 115 ft luffing jib 200 [ft] (2220), 115 [ft] (1311)</b>															
46	78.0	323	66.7												
50	75.8	321	66.1												
55	73.2	320	62.7												
60	70.6	318	61.2												
62				75.0	320	65.9									
65	67.9	316	59.7	73.6	319	65.8									
70	65.2	314	57.7	70.9	317	62.3									
75	62.3	311	56.2	68.2	315	61.1									
80	59.5	308	54.3	65.5	313	59.5									
85	56.5	305	52.3	62.7	311	58.1									
90	53.4	302	50.5	59.8	308	56.6									
95	50.2	297	49.1	56.9	305	54.6									
100	46.8	293	45.8	53.8	301	53.0									
105	43.2	288	42.8	50.6	297	51.7									
105							67.0	309	51.9						
110	39.3	282	40.0	47.2	292	49.2	64.3	307	51.8						
115	35.1	275	37.7	43.6	287	46.8	61.5	304	50.6						
120	30.3	267	35.4	39.8	282	44.6	58.6	301	48.2						
125	24.7	257	33.1	35.6	275	42.7	55.6	298	46.1						
130	19.4	247	16.9	31.0	267	40.2	52.5	294	44.1						
135				25.5	257	37.6	49.2	290	42.6						
140				18.5	244	34.8	45.7	285	40.7						
145							42.1	280	39.0						
150							38.1	273	37.5						
155							33.7	266	36.0						
156								57.0	287	28.3					
160							28.8	258	34.6	55.3	285	27.6			
165							22.8	247	33.2	52.2	281	26.5			
170							16.9	235	21.7	48.9	277	25.5			
175										45.4	272	24.5			
180										41.7	267	23.6			
185										37.7	261	22.7			
190										33.3	253	21.8			
195										28.3	245	21.0			
200										22.2	233	20.2			
243													37.0	219	6.3
245													36.0	217	6.3
250													31.3	209	6.0
255													26.0	200	5.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 125

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 125 ft luffing jib 200 [ft] (2220), 125 [ft] (1311)</b>															
48	78.0	332	58.3												
50	77.0	332	58.3												
55	74.6	330	57.4												
60	72.2	329	56.3												
65				75.0	330	57.3									
65	69.7	327	55.1	74.9	329	57.3									
70	67.2	325	53.6	72.5	328	57.0									
75	64.7	322	52.0	70.0	326	56.3									
80	62.1	320	50.8	67.6	324	55.2									
85	59.5	317	49.1	65.0	322	53.8									
90	56.7	314	47.3	62.4	319	52.6									
95	53.9	310	45.8	59.8	316	51.3									
100	51.0	306	44.6	57.1	313	49.6									
105	47.9	302	42.1	54.3	310	48.2									
109							67.0	318	48.9						
110	44.7	297	39.4	51.3	306	47.1	66.5	318	48.9						
115	41.2	291	36.9	48.3	301	45.3	64.0	315	48.8						
120	37.5	285	34.7	45.1	296	43.3	61.3	313	47.6						
125	34.4	279	17.8	41.7	291	41.5	58.7	310	45.4						
130	30.0	271	17.0	38.0	285	39.9	55.9	306	43.5						
135	24.8	261	16.2	34.0	278	38.2	53.0	303	41.6						
140	18.3	248	15.4	29.5	269	35.8	50.1	298	40.2						
145				24.2	259	33.3	46.9	294	38.6						
150				19.2	249	16.9	43.7	289	37.0						
155							40.1	283	35.6						
160							36.4	276	34.4						
161										57.0	295	26.8			
165							33.2	271	24.2	55.6	294	26.2			
170							28.6	262	22.7	52.8	290	25.2			
175							23.1	251	21.1	49.8	286	24.2			
180							15.8	236	19.5	46.7	281	23.3			
185										43.3	276	22.4			
190										39.8	270	21.6			
195										36.0	264	20.8			
200										31.8	256	20.0			
205										26.9	247	19.3			
210										21.0	235	18.6			
251													37.0	225	5.3
255													34.3	220	5.3
260													29.9	212	4.9
265													24.7	202	4.7

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 135

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]	capacity [1000 lbs]
<b>200 ft main boom 135 ft luffing jib 200 [ft] (2220), 135 [ft] (1311)</b>															
50	78.0	342	52.4												
50	77.9	342	52.4												
55	75.7	341	52.0												
60	73.5	339	51.3												
65	71.3	337	50.2												
67				75.0	339	51.6									
70	69.0	335	49.2	73.8	338	51.6									
75	66.7	333	47.8	71.6	337	51.3									
80	64.3	331	46.5	69.3	335	50.2									
85	61.9	328	45.5	67.0	333	49.3									
90	59.5	325	44.0	64.6	330	48.1									
95	56.9	322	42.5	62.2	328	47.1									
100	54.3	319	41.2	59.8	325	46.0									
105	51.6	315	40.1	57.2	322	44.6									
110	48.8	310	38.4	54.6	318	43.4									
113							67.0	327	45.2						
115	45.9	306	36.1	52.0	314	42.3	66.0	326	45.1						
120	42.8	300	33.9	49.2	310	41.1	63.6	324	45.0						
125	40.3	296	18.3	46.2	305	39.4	61.2	321	44.0						
130	36.8	289	17.0	43.2	300	37.8	58.7	318	42.2						
135	33.0	282	16.2	39.9	294	36.3	56.2	315	40.5						
140	28.7	273	15.5	36.4	288	35.1	53.5	311	38.9						
145	23.7	263	14.9	32.5	280	33.5	50.8	307	37.6						
150	17.3	249	14.3	29.2	273	17.2	48.0	303	36.2						
155				24.4	263	16.3	45.0	298	34.8						
160				18.2	250	15.5	41.8	292	33.4						
165							39.3	288	23.0						
167										57.0	304	25.1			
170							35.7	281	21.9	55.9	302	24.7			
175							31.7	273	20.9	53.3	299	23.7			
180							27.3	264	19.8	50.5	295	22.8			
185							22.0	253	18.7	47.7	290	21.9			
190										44.7	285	21.1			
195										41.5	280	20.3			
200										38.1	273	19.6			
205										34.4	266	18.9			
210										30.4	258	18.2			
215										25.7	248	17.6			
220										20.0	236	16.9			
258													37.0	231	4.0
260													36.7	230	4.0
265													32.8	223	3.9
270													28.6	214	3.6
275													23.5	203	3.3

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 144

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 144 ft luffing jib 200 [ft] (2220), 144 [ft] (1311)</b>															
52	78.0	351	47.6												
55	76.7	351	47.6												
60	74.7	349	46.9												
65	72.6	348	46.1												
70				75.0	349	47.1									
70	70.5	346	45.1	74.9	348	47.1									
75	68.4	344	44.2	72.9	347	46.9									
80	66.2	342	43.0	70.8	345	46.2									
85	64.0	339	41.9	68.6	343	45.3									
90	61.8	337	41.1	66.5	341	44.5									
95	59.5	334	39.8	64.3	339	43.5									
100	57.1	331	38.5	62.0	336	42.7									
105	54.7	327	37.4	59.8	333	41.7									
110	52.2	323	36.4	57.4	330	40.4									
115	49.6	319	35.3	55.0	327	39.4									
117							67.0	336	42.1						
120	46.9	315	33.3	52.5	323	38.5	65.6	335	42.1						
125	44.7	311	18.7	49.9	319	37.6	63.3	332	42.0						
130	41.8	305	17.4	47.2	314	36.1	61.1	330	41.1						
135	38.7	299	16.3	44.4	309	34.7	58.8	327	39.5						
140	35.3	292	15.4	41.5	304	33.4	56.4	323	38.1						
145	31.6	285	14.9	39.1	299	18.0	54.0	320	36.6						
150	27.5	275	14.4	35.7	292	17.1	51.4	316	35.4						
155	22.7	264	13.9	32.1	285	16.4	48.8	311	34.4						
160	16.5	250	13.4	28.0	276	15.7	46.7	308	23.5						
165				23.3	265	15.1	43.9	303	22.2						
170				17.4	251	14.4	40.9	297	21.0						
172										57.0	312	23.6			
175							37.7	291	20.0	56.2	311	23.2			
180							34.3	284	19.1	53.7	307	22.3			
185							30.5	276	18.4	51.2	303	21.5			
190							26.2	266	17.6	48.6	299	20.7			
195							21.0	254	16.9	45.8	294	19.9			
200										42.9	289	19.2			
205										39.9	283	18.5			
210										36.6	276	17.8			
215										33.1	269	17.2			
220										29.1	260	16.6			
225										24.6	250	16.0			
266													37.0	237	3.0
270													35.2	233	3.0
275													31.5	225	2.7
280													27.4	216	2.5

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 154

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 154 ft luffing jib 200 [ft] (2220), 154 [ft] (1311)</b>															
54	78.0	361	42.6												
55	77.6	361	42.6												
60	75.7	360	42.2												
65	73.8	358	41.7												
70	71.8	356	40.9												
72				75.0	358	41.9									
75	69.8	355	40.2	74.0	357	41.9									
80	67.8	353	39.3	72.0	356	41.7									
85	65.8	350	38.3	70.1	354	41.1									
90	63.7	348	37.4	68.1	352	40.4									
95	61.6	345	36.7	66.0	350	39.6									
100	59.5	342	35.7	64.0	347	38.8									
105	57.3	339	34.6	61.9	345	38.1									
110	55.0	336	33.7	59.7	342	37.5									
115	53.2	333	22.7	57.5	339	36.8									
120	50.8	329	20.8	55.3	335	36.3									
121							67.0	345	38.1						
125	48.4	324	19.4	53.0	331	35.8	65.2	343	38.0						
130	45.8	320	18.2	50.6	327	35.3	63.1	341	38.0						
135	43.1	314	17.0	48.1	323	33.9	61.0	338	37.4						
140	40.3	309	16.0	46.1	319	21.4	58.8	335	36.5						
145	37.3	302	15.0	43.5	314	19.8	56.6	332	35.6						
150	34.0	295	14.3	40.6	308	18.2	54.3	328	34.3						
155	30.4	287	13.9	37.6	302	16.9	52.0	324	33.2						
160	26.4	277	13.4	34.4	295	15.9	50.1	321	24.4						
165	21.7	266	12.9	30.9	287	15.3	47.6	317	22.9						
170				27.0	278	14.6	45.0	312	21.5						
175				22.4	266	14.0	42.3	306	20.2						
178										57.0	320	22.3			
180				16.5	251	13.3	39.4	300	19.1	56.4	319	22.0			
185							36.3	294	18.0	54.1	316	21.2			
190							33.0	286	17.3	51.8	312	20.4			
195							29.3	278	16.5	49.3	308	19.6			
200							25.1	268	15.8	46.8	303	18.9			
205							20.1	255	15.1	44.1	298	18.2			
210										41.4	292	17.5			
215										38.4	286	16.9			
220										35.3	279	16.3			
225										31.8	272	15.7			
230										28.0	263	15.2			
235										23.6	252	14.6			
275													37.0	243	2.2
280													33.9	236	2.2

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 164

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 164 ft luffing jib 200 [ft] (2220), 164 [ft] (1311)</b>															
56	78.0	371	38.5												
60	76.6	370	38.5												
65	74.8	368	37.9												
70	72.9	367	37.4												
75	71.1	365	36.7	75.0	368	37.8									
80	69.2	363	36.1	73.2	366	37.7									
85	67.3	361	35.3	71.3	364	37.5									
90	65.4	359	34.4	69.5	362	36.9									
95	63.5	356	33.7	67.6	360	36.4									
100	61.5	354	33.1	65.7	358	35.6									
105	59.9	352	28.7	63.7	356	35.0									
110	57.9	348	26.1	61.7	353	34.4									
115	55.8	345	23.9	59.7	350	34.1									
120	53.6	341	21.9	57.7	347	33.8									
124							67.0	354	34.8						
125	51.4	338	20.2	55.5	344	33.5	66.8	354	34.8						
130	49.1	333	18.9	53.4	340	33.3	64.8	352	34.7						
135	46.7	329	17.7	51.1	336	33.1	62.9	349	34.7						
140	44.2	324	16.7	49.4	333	24.7	60.9	346	34.3						
145	41.6	318	15.7	47.0	328	22.6	58.9	344	34.1						
150	38.9	312	14.8	44.5	323	20.6	56.8	340	33.5						
155	36.0	305	14.0	42.0	318	18.8	55.1	338	27.9						
160	32.8	298	13.5	39.2	312	17.2	53.0	334	25.7						
165	29.4	289	13.0	36.3	305	15.7	50.7	330	24.0						
170	25.5	279	12.6	33.2	298	14.9	48.4	325	22.4						
175	20.9	267	12.1	29.8	289	14.3	46.0	321	21.0						
180				26.0	280	13.7	43.5	316	19.7						
183										57.0	328	20.8			
185				21.5	268	13.1	40.8	310	18.5	56.6	328	20.7			
190				15.8	252	12.4	38.0	304	17.4	54.4	324	19.9			
195							35.1	297	16.4	52.2	320	19.1			
200							31.8	289	15.7	50.0	316	18.4			
205							28.3	280	15.0	47.6	312	17.7			
210							24.2	269	14.3	45.2	307	17.1			
215							19.3	256	13.6	42.6	302	16.4			
220										39.9	296	15.9			
225										37.1	289	15.3			
230										34.0	282	14.7			
235										30.7	274	14.2			
240										27.0	265	13.7			
245										22.7	253	13.2			



## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 174

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 174 ft luffing jib 200 [ft] (2220), 174 [ft] (1311)</b>															
58	78.0	380	34.8												
60	77.3	380	34.8												
65	75.6	379	34.4												
70	73.9	377	34.0												
75	72.2	376	33.4												
78				75.0	377	34.2									
80	70.9	374	31.8	74.1	376	34.2									
85	69.1	372	31.5	72.4	375	34.0									
90	67.3	370	30.5	70.7	373	33.7									
95	65.5	368	29.3	68.9	371	33.4									
100	63.7	366	28.3	67.5	370	32.0									
105	61.8	363	27.6	65.7	367	30.6									
110	59.9	360	25.6	63.9	365	29.5									
115	58.0	357	23.5	62.0	362	28.6									
120	56.0	354	21.7	60.1	359	27.5									
125	54.0	350	20.0	58.2	356	26.4									
128							67.0	363	30.6						
130	51.9	346	18.6	56.2	353	25.4	66.8	363	30.6						
135	49.7	342	17.4	54.2	349	24.5	65.0	361	30.5						
140	47.5	337	16.4	52.1	346	23.7	63.1	358	30.3						
145	45.2	333	15.4	50.0	341	22.6	61.3	356	29.7						
150	42.8	327	14.6	47.8	337	20.9	59.3	353	29.0						
155	40.3	321	13.8	45.5	332	19.3	57.4	350	28.1						
160	37.6	315	13.0	43.1	327	17.8	55.4	346	25.9						
165	34.8	308	12.4	40.6	321	16.5	53.4	342	23.8						
170	31.7	300	12.0	38.0	315	15.2	51.3	338	22.1						
175	28.4	291	11.6	35.1	308	14.2	49.1	334	20.6						
180	24.6	281	11.2	32.1	300	13.7	46.8	330	19.6						
185	20.1	268	10.8	28.8	292	13.1	44.5	325	18.6						
188										57.0	337	19.5			
190				25.1	281	12.6	42.1	319	17.6	56.7	336	19.4			
195				20.7	269	12.0	39.5	313	16.8	54.7	333	18.6			
200							36.8	307	16.0	52.7	329	17.9			
205							33.9	299	15.3	50.6	325	17.3			
210							30.8	291	14.7	48.4	321	16.6			
215							27.3	282	14.1	46.1	316	16.0			
220							23.3	271	13.5	43.7	311	15.4			
225							18.6	258	12.9	41.3	305	14.9			
230										38.6	299	14.3			
235										35.9	292	13.8			
240										32.9	285	13.3			
245										29.7	276	12.8			
250										26.1	267	12.4			
255										21.9	255	11.9			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 184

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 184 ft luffing jib 200 [ft] (2220), 184 [ft] (1311)</b>															
60	78.0	390	30.0												
65	76.8	389	29.8												
70	75.2	388	29.6												
75	73.6	386	29.4												
80	71.9	385	29.0												
80				75.0	387	29.9									
85	70.3	383	28.7	73.8	385	29.9									
90	68.6	381	28.2	72.1	384	29.8									
95	66.9	379	27.2	70.5	382	29.5									
100	65.2	377	26.3	68.8	380	29.1									
105	63.5	374	25.5	67.1	378	28.6									
110	61.7	371	24.8	65.4	376	27.4									
115	59.9	369	23.1	63.7	373	26.5									
120	58.1	365	21.4	61.9	371	25.7									
125	56.2	362	19.8	60.1	368	24.8									
130	54.3	359	18.4	58.3	365	23.9									
132							67.0	372	27.8						
135	52.3	355	17.2	56.4	362	23.0	66.4	372	27.8						
140	50.3	351	16.1	54.5	358	22.2	64.7	369	27.6						
145	48.2	346	15.3	52.6	354	21.5	62.9	367	27.5						
150	46.1	341	14.4	50.5	350	20.7	61.2	364	27.1						
155	43.8	336	13.6	48.5	346	19.4	59.3	361	26.8						
160	41.5	331	12.9	46.3	341	18.1	57.5	358	26.3						
165	39.1	325	12.2	44.1	336	16.9	55.6	355	24.2						
170	36.5	318	11.6	41.8	330	15.8	53.7	351	22.3						
175	33.7	311	11.2	39.4	324	14.7	51.7	347	20.6						
180	30.7	303	10.9	36.8	318	13.8	49.7	343	19.1						
185	27.4	293	10.5	34.1	311	13.2	47.6	338	18.3						
190	23.7	283	10.2	31.1	303	12.7	45.4	334	17.5						
194										57.0	345	18.4			
195	19.4	270	9.8	27.9	294	12.2	43.1	328	16.8	56.9	345	18.3			
200				24.2	283	11.7	40.8	323	16.1	55.0	341	17.6			
205				20.0	270	11.2	38.3	316	15.5	53.1	338	16.9			
210							35.7	310	14.9	51.1	334	16.3			
215							32.8	302	14.4	49.0	329	15.7			
220							29.8	294	13.9	46.9	325	15.1			
225							26.4	284	13.4	44.7	320	14.6			
230							22.5	273	12.9	42.4	314	14.0			
235							17.9	259	12.4	40.0	308	13.5			
240										37.5	302	13.0			
245										34.8	295	12.5			
250										31.9	287	12.1			
255										28.7	278	11.7			
260										25.2	268	11.2			
265										21.1	256	10.8			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 194

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 194 ft luffing jib 200 [ft] (2220), 194 [ft] (1311)</b>															
62	78.0	400	26.3												
65	77.5	399	26.3												
70	76.0	398	26.1												
75	74.4	397	26.0												
80	72.9	395	25.8												
83				75.0	396	26.0									
85	71.3	393	25.4	74.6	396	26.0									
90	69.7	392	25.2	73.1	394	26.0									
95	68.2	390	24.7	71.5	393	25.8									
100	66.5	387	24.1	69.9	391	25.6									
105	64.9	385	23.5	68.3	389	25.4									
110	63.3	383	23.0	66.7	387	24.9									
115	61.6	380	22.6	65.1	384	24.2									
120	59.9	377	21.4	63.5	382	23.7									
125	58.1	374	20.2	61.8	379	23.2									
130	56.4	371	19.1	60.1	376	22.5									
135	54.5	367	18.1	58.3	373	21.6									
136							67.0	382	24.0						
140	52.7	363	17.2	56.6	370	20.9	66.1	380	23.9						
145	50.8	359	16.4	54.8	367	20.2	64.4	378	23.9						
150	48.8	355	15.6	52.9	363	19.5	62.8	375	23.8						
155	46.8	350	14.8	51.0	359	19.0	61.1	373	23.5						
160	44.7	345	14.0	49.1	354	18.1	59.4	370	23.2						
165	42.6	340	13.3	47.1	350	17.2	57.6	367	22.9						
170	40.3	334	12.6	45.0	345	16.4	55.8	363	21.9						
175	37.9	328	12.0	42.8	340	15.6	54.0	360	21.0						
180	35.4	321	11.5	40.6	334	14.8	52.1	356	20.1						
185	32.7	313	11.0	38.2	328	14.1	50.2	352	19.4						
190	29.8	305	10.6	35.7	321	13.5	48.2	347	18.6						
195	26.6	295	10.2	33.1	313	13.0	46.2	342	17.6						
199										57.0	353	16.7			
200	23.0	284	9.8	30.2	305	12.4	44.1	337	16.7	57.0	353	16.9			
205	18.7	271	9.4	27.0	296	11.9	41.9	332	15.9	55.2	350	16.5			
210				23.5	285	11.3	39.6	326	15.1	53.4	346	15.8			
215				19.3	272	10.7	37.2	319	14.4	51.5	342	15.2			
220							34.6	312	13.8	49.6	338	14.7			
225							31.9	305	13.4	47.6	334	14.1			
230							28.9	296	12.9	45.5	329	13.6			
235							25.6	286	12.4	43.4	323	13.1			
240							21.8	274	12.0	41.2	318	12.6			
245							17.2	259	11.5	38.8	312	12.1			
250										36.4	305	11.7			
255										33.7	298	11.2			
260										30.9	290	10.8			
265										27.9	281	10.4			
270										24.4	270	10.0			
275										20.4	258	9.7			

## Load charts main boom + luffing jib

**version:** 9834376/26304  
**degree rating:** limited °  
**footprint:**  
**counterweight [1000 lbs]:** 188.5  
**carbody counterweight [1000 lbs]:** 79.4  
**load fall point** luffing jib head

**main boom foot: 2220-1**  
**main boom head: 2220-1**  
**main boom (s): 2220 [ft]:** 200  
**luffing jib foot: 1311-2**  
**luffing jib head: 1311-1**  
**luffing jib (s): 1311 [ft]:** 203

radius [ft]:	86 ° main boom angle			83 ° main boom angle			75 ° main boom angle			65 ° main boom angle			45 ° main boom angle		
	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]	luffing jib angle [°]	tip height [ft]:	capacity [1000 lbs]
<b>200 ft main boom 203 ft luffing jib 200 [ft] (2220), 203 [ft] (1311)</b>															
64	78.0	409	25.0												
65	78.0	409	23.3												
70	76.7	408	23.2												
75	75.2	407	23.1												
80	73.7	405	23.0												
85	72.3	404	22.8												
85				75.0	406	22.8									
90	70.8	402	22.5	73.9	404	22.8									
95	69.3	400	22.4	72.4	403	22.8									
100	67.7	398	22.1	71.0	401	22.6									
105	66.2	396	21.7	69.5	399	22.4									
110	64.7	394	21.4	67.9	397	22.3									
115	63.1	391	21.1	66.4	395	22.0									
120	61.5	388	20.9	64.8	393	21.7									
125	59.8	385	20.0	63.3	390	21.4									
130	58.2	382	19.2	61.7	388	21.2									
135	56.5	379	18.4	60.1	385	20.6									
140							67.0	391	21.8						
140	54.8	376	17.8	58.4	382	19.8	67.0	391	20.9						
145	53.0	372	17.1	56.7	379	19.1	65.7	389	20.9						
150	51.2	368	16.6	55.0	375	18.5	64.2	386	20.8						
155	49.4	364	16.0	53.3	371	18.0	62.6	384	20.7						
160	47.5	359	15.2	51.5	367	17.5	61.0	381	20.5						
165	45.5	354	14.4	49.6	363	16.9	59.4	378	20.3						
170	43.5	349	13.7	47.7	359	16.3	57.7	375	20.1						
175	41.4	344	13.0	45.8	354	15.8	56.0	372	19.9						
180	39.2	337	12.4	43.8	349	15.2	54.3	368	19.6						
185	36.9	331	11.8	41.7	343	14.7	52.5	364	19.4						
190	34.4	324	11.3	39.5	337	14.2	50.7	360	19.2						
195	31.8	316	10.8	37.2	331	13.8	48.8	356	18.8						
200	28.9	307	10.4	34.7	324	13.3	46.9	351	17.8						
204										57.0	361	15.3			
205	25.8	297	9.9	32.1	316	12.8	44.9	346	16.8	57.0	361	15.5			
210	22.3	286	9.5	29.3	307	12.2	42.9	341	15.8	55.4	358	15.4			
215	18.1	272	9.0	26.2	298	11.6	40.7	335	14.9	53.7	355	14.8			
220				22.7	286	11.0	38.5	329	14.1	51.9	351	14.2			
225				18.6	273	10.4	36.2	322	13.4	50.1	347	13.7			
230							33.7	315	12.8	48.2	342	13.1			
235							31.0	307	12.4	46.3	338	12.6			
240							28.1	298	12.0	44.3	333	12.2			
245							24.8	288	11.6	42.2	327	11.7			
250							21.1	276	11.2	40.0	321	11.2			
255							16.6	260	10.7	37.8	315	10.8			
260										35.4	308	10.4			
265										32.8	300	10.0			
270										30.1	292	9.6			
275										27.0	283	9.3			
280										23.7	272	8.9			
285										19.8	259	8.5			