

PVE AMERICAN CC330-1



Hydraulic Crawler Crane

ENGLISH

IMPERIAL

PRODUCT BROCHURE

*Complies with ANSI / ASME B30.5
Courtesy of CraneMarket.com*

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January 2026 edition

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Failure to follow the corresponding Operator's Manual when using this equipment, or failure to otherwise act responsibly, may result in property damage, serious injury or death.

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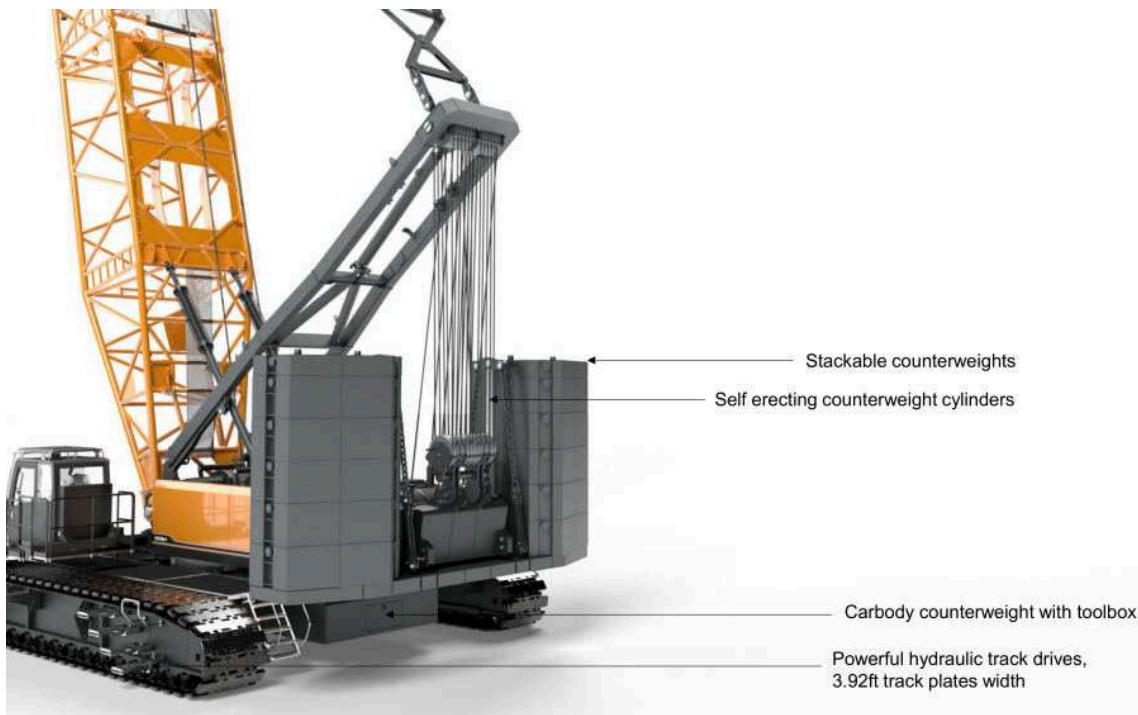
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AT A GLANCE

STRONGER · SMARTER · SAFER



MAX. LIFTING CAPACITY

330 ton

MAX. MAIN BOOM

302 ft

MAX. LUFFING JIB

236 ft

REAR COUNTERWEIGHT

283,800 lbs

ENGINE

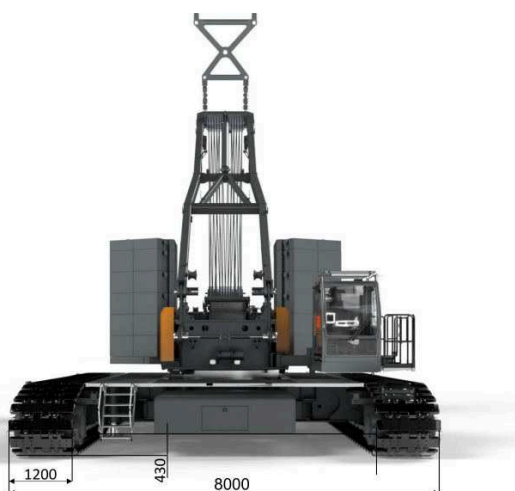
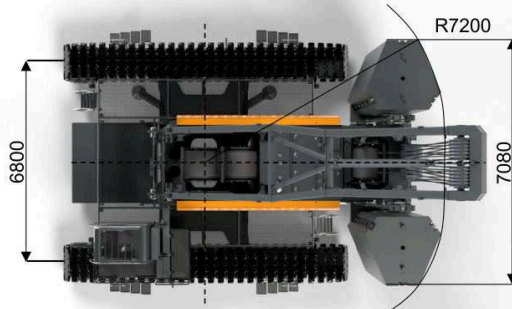
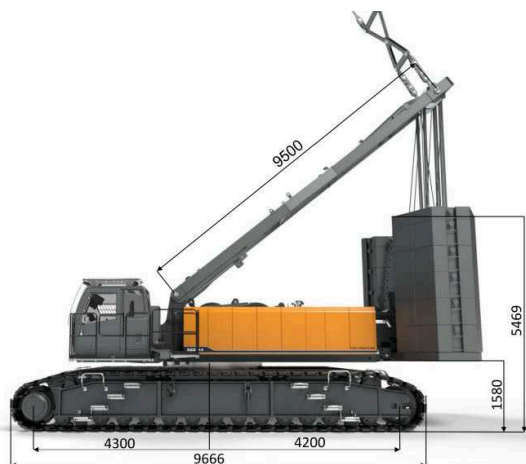
Cummins X12 · 456 hp

COMPLIANCE

ANSI/ASME B30.5

DIMENSIONS

Standard configuration · three orthographic views



Key dimensions

Length of tracks	31.68 ft
Width over tracks	26.22 ft
Track plate width	3.93 ft
Swing radius	23.59 ft
Weight, base crane	653,400 lbs
Counterweights	Full rear + full carbody

Operating weight depends on boom + jib configuration and selected counterweight package. See transport plan further in this brochure.

CRANE BODY & ENGINE

Cummins power · Bosch Rexroth drive · CAN-BUS control

Hydraulics & control

Bosch Rexroth pumps and motors power all winches, the crawlers and the swing drive. All movements can run simultaneously. Every hydraulic filter is monitored electronically and reports to the operator-cabin touch screen.

Control runs on a CAN-BUS network with PVE-developed software. The touch screen presents all functions, alerts and the Safe Load System. A 360° camera array (including dedicated winch and load cameras) keeps the work site visible. CRANEINFO logs operating data for service and factory support.

Key specifications

Working pressure	5,076 psi
Engine make	Cummins X12
Power rating	456 hp @ 2,000 rpm
Emission standard	Tier 4F
Fuel tank	210 gal
Control	CAN-BUS / touch screen
Cameras	360° + winch + load
Track-plate width	3.93 ft
Track plates	Pin-connected
Track rollers	Sealed, oil-filled
Swing drive	Rexroth + roller bearing

Engine & drive train

The crane is powered by a Tier-4F Cummins diesel coupled to the Bosch Rexroth hydraulic pack. Engine, hydraulics and crawlers are all monitored electronically and report to the touch screen. The crawlers are driven through planetary gear reduction units with sealed, oil-filled rollers for low maintenance; the turntable runs on a roller bearing with inner teeth and a Rexroth swing motor.



WINCHES

Powerful design · low-maintenance multi-disc brakes

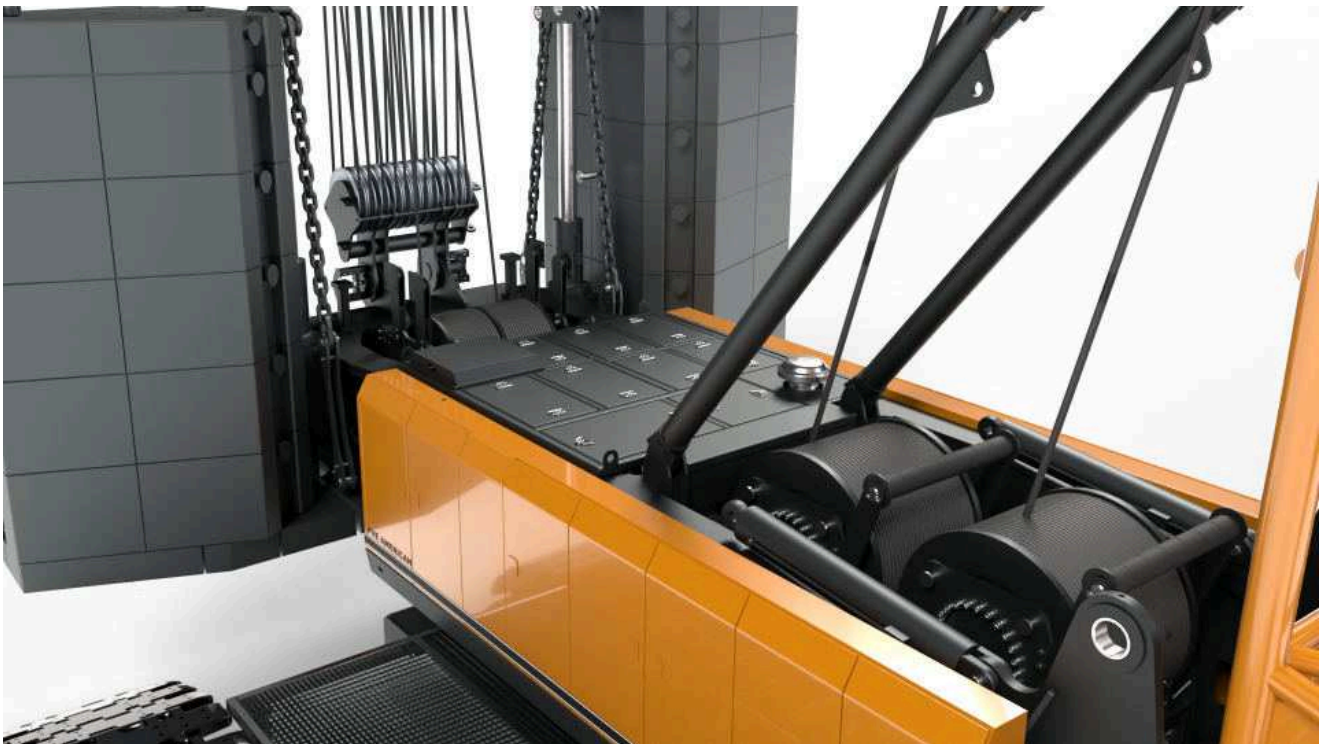
The winches are robustly built and engineered for high duty cycles. They use a low-maintenance multi-disc brake system as standard. An optional free-fall package is available on the main hoist drums for applications that require it.

Main hoist winches W1 + W2

Line pull, 1st layer	60,627 lbs
Line pull, 7th layer	36,376 lbs
Rope diameter	1.10 in
Rope speed	0 – 394 ft/min
Brake	Multi-disc, spring applied, hydraulically released
Free-fall (option)	Available on W1 and W2

Optional 3rd winch in boom foot W3

Line pull	17,637 lbs
Position	Mounted in the boom foot for runner or whip-line operation



OPERATOR CABIN

Comfort, visibility and integrated safety



The operator cabin is built around an air-suspended seat with integrated electric-hydraulic joysticks. The joysticks give the operator very precise control of every hydraulic function while a panoramic glass envelope and roof window keep the load and the work site in view at all times.

A single touch screen consolidates the Safe Load System, system diagnostics, and the live feed from the 360° camera array (including dedicated load and winch cameras). CRANEINFO logs operating data for factory support and predictive maintenance.

Standard features

- Air-suspended operator seat
- Electric-hydraulic joysticks
- Climate control, heated front window
- Touch-screen Safe Load System
- 360° camera array (winch + load + perimeter)
- CRANEINFO operating-data logger
- Roof-protection screen, FOPS rated

COUNTERWEIGHT SYSTEM

Self-erecting rear stack · integrated carbody weights

Counterweight package

Base plate (with cylinders)

33,000 lbs

Wing weight × 12 pcs

20,900 lbs each

Total rear counterweight

283,800 lbs

Carbody — front mounted

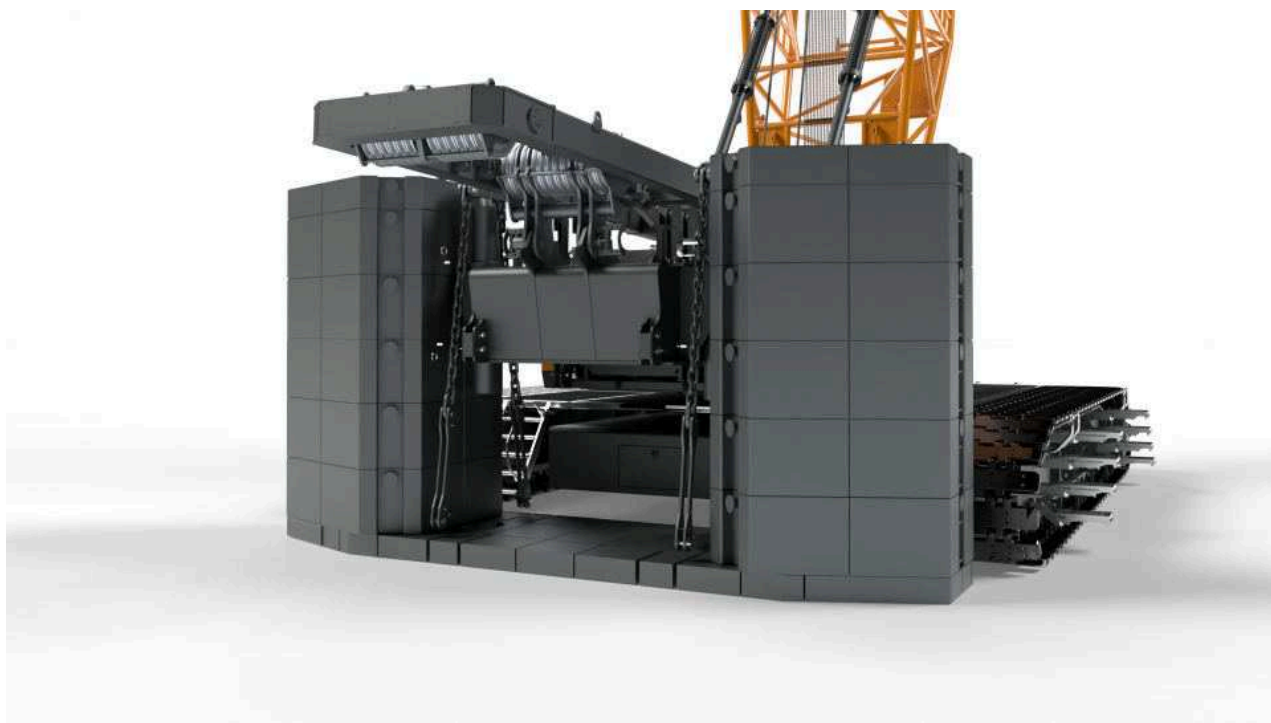
44,000 lbs

Carbody — rear mounted

44,000 lbs

Toolboxes (carbody)

Both · lockable



MAIN BOOM SYSTEM

65 – 302 ft · pinned lattice with integrated stack system

The CC330-1 main boom is a pinned lattice system that builds from a 31 ft foot, a 33 ft tip and a choice of 10 ft, 20 ft and 30 ft insert sections. Each section carries its own pendant bars in a 1:1 mapping and includes integrated boom-pin storage so the assembly hardware never travels loose. The boom-stack system on every section lets crews stack sections directly on each other during assembly without timber dunnage.

Boom assembly

Booms 120 ft and shorter use one heavy 30 ft section (B30S) directly above the boom foot. Booms of 130 ft and longer use two heavy 30 ft sections, always seated first, with the normal sections stacked above. The exact heavy-section count for each main-boom length is given in the operator's manual.

Main-boom sections

Main-boom range	65 – 302 ft
Boom foot	31.0 ft
Boom tip	33.0 ft
Insert, 10 ft (B10)	10 ft
Insert, 20 ft (B20)	20 ft
Insert, 30 ft heavy (B30S)	30 ft
Insert, 30 ft (B30)	30 ft
Insert, 40 ft	40 ft



JIB CONFIGURATIONS

Available jib types and boom + jib combinations



FIXED JIB

39 – 118 ft

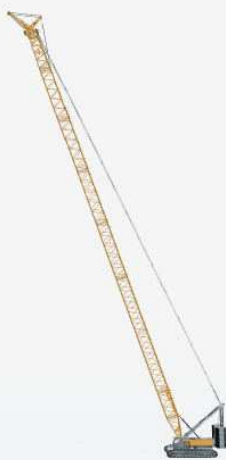
Fixed-angle jib for extra reach when the main boom stays near vertical.



LUFFING JIB

69 – 236 ft

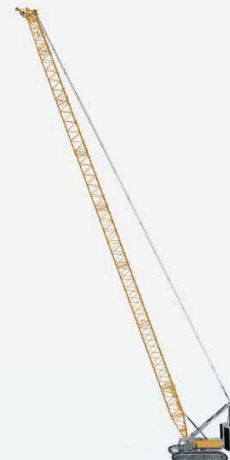
Fully luffing jib for confined-radius work at height. Requires the heavy 2× B30S main-boom configuration from 120 ft main boom.



WIND JIB

20 ft (heavy duty)

Short heavy-duty wind jib for tip-up and nacelle work. Pins directly to the boom tip.



AUXILIARY JIB

5 ft · 44 US ton (40 t) max.

Two-sheave aux jib for whip-line picks alongside the main hoist line.

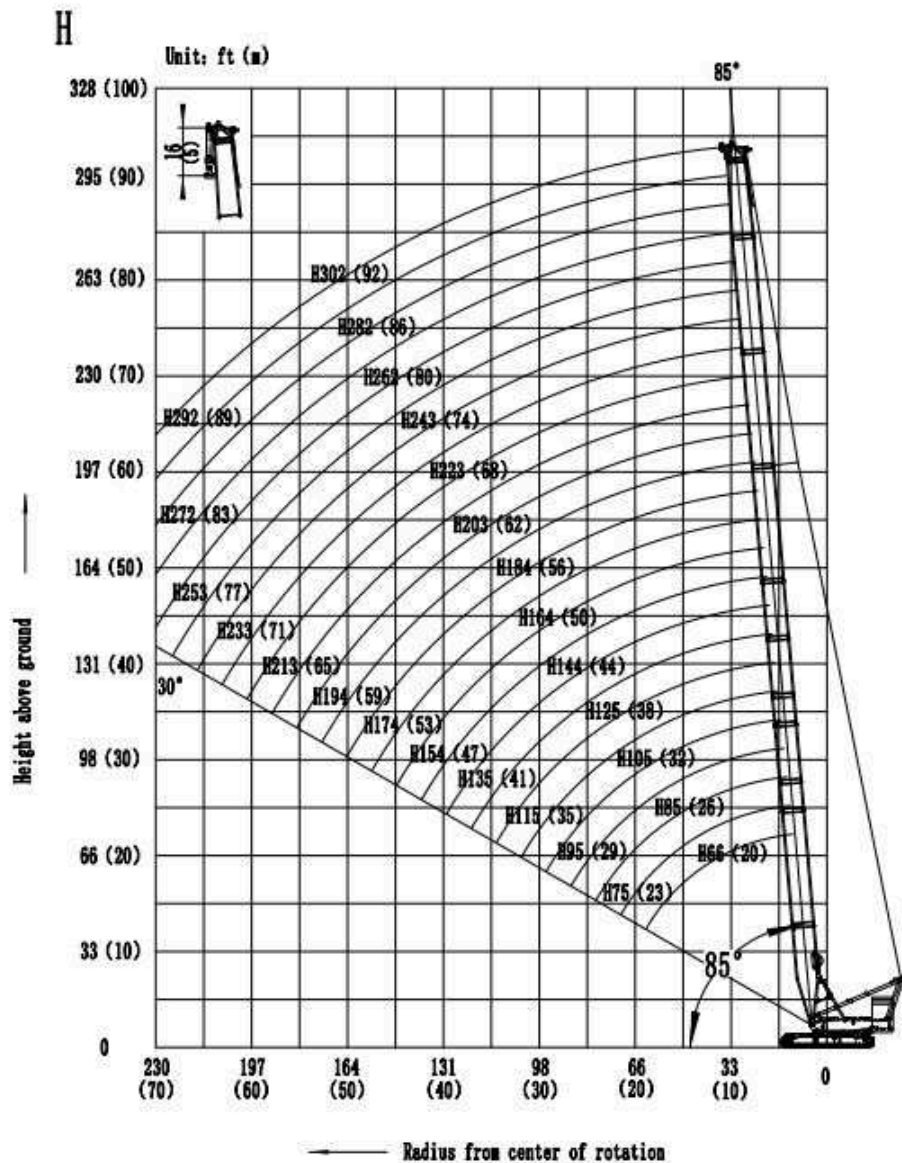
Actual lifting capacity depends on radius and counterweight. Consult the rating manual.

Boom + jib combinations

Main boom only	65 – 302 ft
Main boom + fixed jib	Main 65 – 200 ft · jib 39 – 118 ft
Main boom + luffing jib	Main 65 – 200 ft · jib 69 – 236 ft
Main boom + wind jib	Main 65 – 200 ft · wind jib 20 ft
Main boom + aux jib (whip)	Main 65 – 302 ft · aux 5 ft

MAIN BOOM

Main boom 30°–82°, 66–253 ft | CW 284+88 klbs



Boom configuration

Section	70 ft	80 ft	100 ft	100 ft	120 ft	120 ft	120 ft	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft	200 ft	210 ft	220 ft	230 ft	240 ft	250 ft
Boom foot	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 ft insert				1		1	1		1		1		1		1		1		1	
20 ft insert			1	1				1	1			1	1			1	1			1
40 ft insert					1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4
Boom head	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

MAIN BOOM — LOAD CAPACITIES

Main boom 30°–82°, 66–253 ft | CW 284+88 klbs

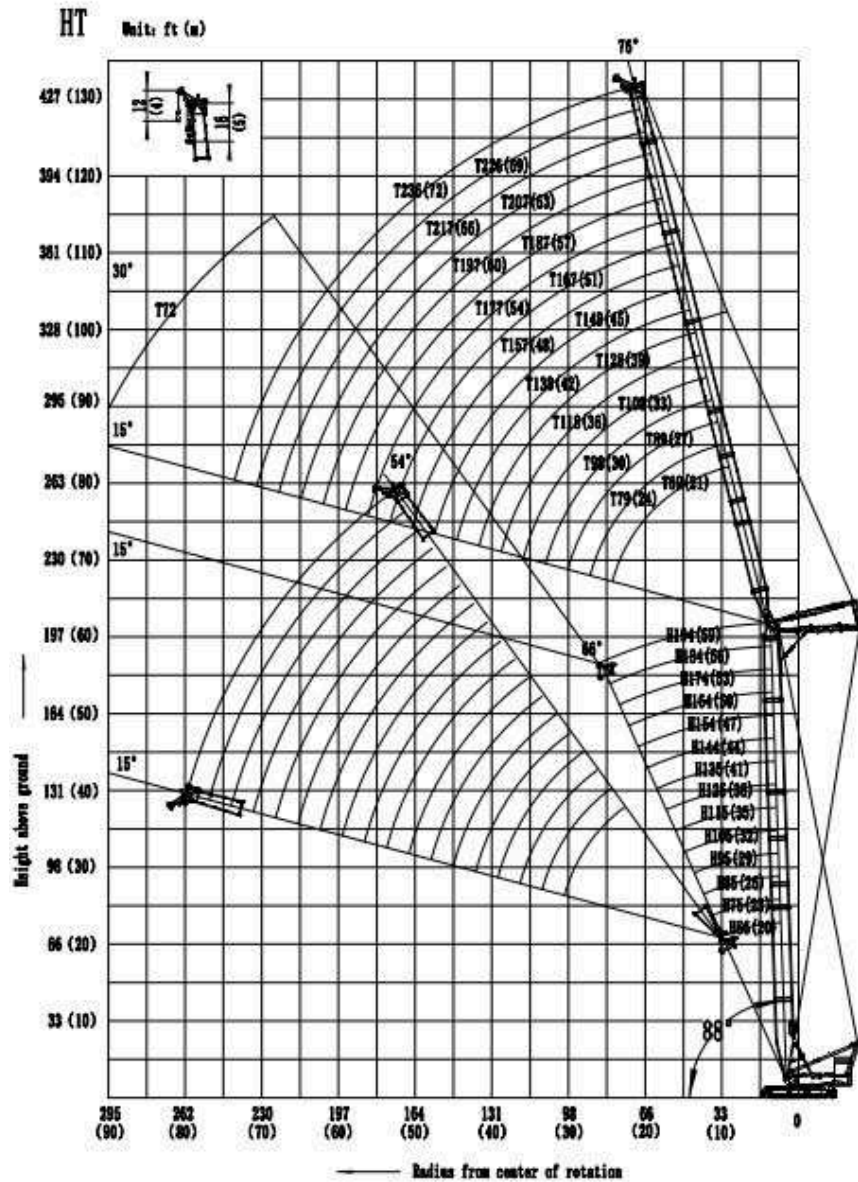
Lifting capacity (lbs × 1,000) by working radius

Radius (ft)	66 ft	75 ft	118 ft	95 ft	105 ft	115 ft	125 ft	134 ft	144 ft	154 ft	164 ft	174 ft	184 ft	194 ft	203 ft	213 ft	223 ft	233 ft	243 ft	253 ft
16.4	660	654.3																		
19.7	583	578.4	569.4	556.7	544.1	531.3														
23.0	506	506.4	501.2	489.4	477.6	467.9	458.3	448.8	439.3	425										
26.2	436.7	436.3	435.6	430	424.4	416.6	408.8	402.5	396.2	385.2	374.2	366.9	359.5	341.4						
29.5	385	384.1	382.6	381.5	380.4	375.1	369.8	363.1	356.4	349.5	342.5	334.3	326	317.7	309.3	298.3	292.2	284.9		
32.8	357.1	356.4	356	351.9	347.8	343.2	338.6	330.9	323.2	317.6	312	305.4	298.8	291.8	284.9	276.2	267.5	257.5	247.5	237.3
39.4	303.3	302.9	298.5	296.5	294.4	288.8	283.1	279.5	275.9	271.4	266.9	259.6	252.3	247.2	242.1	236.2	230.3	224.2	218	211.4
45.9	247.5	248.2	247.1	246.4	245.7	245.5	245.3	240.8	236.3	232.9	229.5	225.4	221.3	215.7	210.1	204.2	198.2	192.9	187.7	184.5
52.5	205	205.5	205.7	205.3	204.8	204.4	203.9	203.7	203.5	201.4	199.3	195.9	192.5	188.7	184.9	180.6	176.2	170.4	164.6	162
59.0	173.8	174.7	174.7	174.2	173.8	173.3	172.7	172.5	172.3	171.2	170.3	170	169.4	169	168.5	164.3	160.2	152.2	144.3	141.9
65.6		150.9	151.1	150.9	150.7	150.5	150.3	150	149.8	149.3	148.7	148.1	147.8	146.9	145.9	142.3	138.8	135.9	132.9	130.5
72.2		132.4	132.7	132.4	132.2	131.9	131.6	131.3	131.1	130.7	130	129.4	129.6	128.9	128.3	127.6	127.4	125.8	124.3	121.9
78.7			117.7	117.3	116.8	116.8	116.8	116.6	116.4	115.7	115.1	114.4	114.6	113.7	113.1	112.4	112.2	110.8	109.3	106.9
85.3				105.4	105.2	105.1	104.9	104.3	104.1	103.4	102.7	102.3	102.1	101.4	100.8	100.1	99.9	99.2	98.6	97.5
91.8					95.3	94.8	94.6	93.9	93.7	93.1	92.4	92	91.7	91.1	90.4	89.8	89.5	88.8	88	87.2
98.4					86.5	86.1	85.8	85.1	84.9	84.3	83.6	83.2	82.9	82.3	81.6	80.7	80.7	80	79.2	78.3
111.5							71.7	71.1	70.8	70.2	69.5	69.1	68.9	68.1	67.3	66.7	66.4	65.7	64.9	64.2
124.6									59.8	59.2	58.5	58.1	58.1	57.2	56.5	55.7	55.7	54.8	54.1	53.2
137.8										50.6	49.9	49.5	49.3	48.5	47.7	47.1	46.9	46.1	45.3	44.7
150.9												42.5	42.2	41.5	40.7	40.3	39.8	39.1	38.3	37.4
164.0													36.5	35.6	35	34.1	34.1	33.2	32.6	31.7
177.1															29.9	29.3	29	28.3	27.5	26.6
190.2																25.1	24.9	24.1	23.3	22.4
203.4																		20.5	19.6	18.9
216.5																			16.5	15.6

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB

Main boom + luffing jib | CW 284+88 klbs



Boom configuration

Section	70 ft	80 ft	90 ft	100 ft	100 ft	110 ft	120 ft	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft
Boom foot	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 ft insert			1		1		1		1		1		1	
20 ft insert				1	1			1	1			1	1	
40 ft insert						1	1	1	1	2	2	2	2	3
Boom head	1	1	1	1	1	1	1	1	1	1	1	1	1	1

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 66 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
29.5	253																	
32.8	238.7	233.9																
39.4	224.4	220.4	214.1	208.6	198.4													
45.9	207.2	202.8	198	193	188.4	180.2	174.9											
52.5	186.2	183	179.9	176.6	173.4	169.9	166.6	163.6	158	150.7								
59.0	163.6	162.4	160.1	157.8	155.3	153	150.5	148.2	145.7	143.4	139.5	134.4						
65.6	143	140.7	138.4	136.1	133.6	131.3	128.8	126.5	124.9	122.8	121.1	119.5	117.6	112.9	109.1			
72.2	129.8	127.2	125.6	124	122.4	120.8	119.3	117.7	116.1	114.5	112.9	111.3	109.8	108.2	106.6	104.3	101.4	98.3
78.7		109.5	108	106.5	104.9	103.4	101.9	100.3	98.8	97.2	95.7	94.2	92.6	91.1	89.5	88	86.5	84.7
85.3		102	101.1	99.5	98	96.5	94.9	93.4	91.9	90.3	88.8	87.2	85.7	84.2	82.6	81.1	79.2	76.3
91.8			95.1	93.8	92.4	91.1	89.7	88.4	87	85.7	84.4	83	81.7	80.3	79	77.6	76.3	74.9
98.4				84.7	83.6	82.4	81.3	80.1	79	77.8	76.7	75.5	74.4	73.2	72.1	70.9	69.7	68.6
111.5					72.7	71.9	71.3	71.1	70.7	69.7	68.8	67.8	66.9	65.9	64.9	64	63	62.1
124.6							62.4	62	61.6	61.2	60.7	59.9	59.2	58.4	57.6	56.9	56.1	55.3
137.8								53.9	53.5	53.1	52.7	52.7	52.4	51.9	51.3	50.7	50.1	49.6
150.9									42.5	42.1	41.7	41.5	41.1	40.5	40.1	39.8	39.4	38.8
164.0											37.6	37.5	37.1	36.5	36.1	35.7	35.3	34.8
177.1												34.6	34.2	33.6	33.2	32.8	32.5	31.9
190.2														29.8	29.4	29	28.6	28
203.4															26.1	25.7	25.3	24.8
216.5																23	22.7	22.1
229.6																		19.4

Load capacities with 75 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	237.2	232.3																
39.4	223.3	219.6	213.1	205.5														
45.9	205.1	200.7	195.9	190.9	186.2	179.5	173.1											
52.5	182.6	180.9	178.4	175.1	171.8	168.4	165.1	159.9	154.2	149.2								
59.0	159.9	158.4	156.1	153.8	151.3	148.9	146.4	144.1	141.6	139.3	134.4	129.4						
65.6	141.5	137.4	135.1	133.6	132.2	130.1	128	125.9	123.8	121.7	119.5	118	115.5	113.3	111.3			
72.2	128.6	125.6	124	122.4	120.8	119.3	117.7	116.1	114.5	112.9	111.3	109.8	108.2	106.6	105	103	100.8	98.3
78.7		108.4	106.8	105.3	103.8	102.2	100.7	99.2	97.6	96.1	94.5	93	91.5	89.9	88.4	86.9	85.3	83.6
85.3		101.5	99.9	98.4	96.9	95.3	93.8	92.2	90.7	89.2	87.6	86.1	84.6	83	81.5	79.9	78	75.3
91.8			94	92.6	91.3	89.9	88.6	87.2	85.9	84.6	83.2	81.9	80.5	79.2	77.8	76.5	75.1	73.8
98.4				83.6	82.4	81.3	80.1	79	77.8	76.7	75.5	74.4	73.2	72.1	70.9	69.7	68.6	67.4
111.5					72.3	71.5	71	70.2	69.7	68.8	67.8	66.9	65.9	64.9	64	63	62.1	61.1
124.6							62	61.8	61.5	60.7	59.9	59.2	58.4	57.6	56.9	56.1	55.3	54.6
137.8								53.5	53.1	52.7	52.5	52.1	51.9	51.3	50.7	50.1	49.6	49
150.9									42.1	41.7	41.3	40.9	40.5	40.1	39.8	39.4	39	38.6
164.0											37.3	36.9	36.5	36.1	35.7	35.3	35	34.6
177.1												34	33.6	33.2	32.8	32.5	32.1	31.7
190.2													29.8	29.4	29	28.6	28.2	27.8
203.4															25.7	25.3	25	24.6
216.5																22.7	22.3	21.9
229.6																		19.4

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 85 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	231.9	228.1																
39.4	214.9	211.4	207.5	201.3														
45.9	202.6	198.2	193.4	188.4	183.7	177.1	170.7											
52.5	179.3	177.6	175.1	171.8	168.6	165.1	161.8	157.3	151.6	146.5								
59.0	156.3	154.3	152	149.7	147.2	144.9	142.4	140.1	137.6	135.3	132.4	127.4						
65.6	139.9	135.5	133.4	132.6	131.3	129.1	127	124.9	122.8	120.7	118.6	117	114.2	111.8	109.6			
72.2	127.2	124.6	123	121.4	119.9	118.3	116.7	115.1	113.5	111.9	110.4	108.8	107.2	105.6	103.6	101.6	99.2	96.6
78.7		108	106.3	104.7	103	101.3	99.5	97.8	96.5	94.9	93.4	91.7	89.9	88.2	86.7	85.1	83.3	81.2
85.3			100.5	99	97.4	95.9	94.4	92.8	91.3	89.7	88.2	86.7	85.1	83.6	82.1	80.5	79	77.1
91.8				92.6	91.3	89.9	88.6	87.2	85.9	84.6	83.2	81.9	80.5	79.2	77.8	76.5	75.1	73.8
98.4					82.6	81.5	80.3	79.2	78	76.9	75.7	74.6	73.4	72.2	71.1	69.9	68.8	67.6
111.5						71.3	70.8	70.2	69.6	69	68	67.1	66.1	65.1	64.2	63.2	62.3	61.3
124.6								61.6	60.1	59.7	59.3	58.9	58.4	57.6	56.9	56.1	55.3	54.6
137.8									53.3	53.1	52.7	52.3	51.9	51.3	50.7	50.1	49.6	49
150.9										41.9	41.5	41.1	40.7	40.3	40	39.6	39.2	38.8
164.0												37.3	36.9	36.5	36.1	35.7	35.3	35
177.1													33.8	33.4	33	32.6	32.3	31.9
190.2														29.8	29.4	29	28.6	28.2
203.4																25.7	25.3	25
216.5																	22.5	22.1
229.6																		19.2

Load capacities with 95 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	226.6	222.9																
39.4	209.9	208	204.6	198.2														
45.9	199.7	195.3	190.5	185.5	180.9	173.1	166.8											
52.5	175.5	173	171.1	167.8	164.5	161.1	157.8	153.3	147.6	142.6								
59.0	152.8	150.5	148.2	145.9	143.4	141.1	138.6	136.3	133.8	131.8	128.7	125						
65.6	138.2	133.8	131.6	130.9	129.5	127.4	125.3	123.2	121.1	119	116.8	115.3	112.6	108.5	106.7			
72.2		125.8	123.2	121.6	120.1	118.5	116.9	115.3	113.7	112.1	110.6	109	107.4	105.8	104.2	101.9	100.8	95.9
78.7			108	106.3	104.7	103	101.3	99.5	97.8	96.5	94.9	93.4	91.7	89.9	88.2	86.7	84.7	80.1
85.3				99.7	98.2	96.7	95.1	93.6	92	90.5	89	87.4	85.9	84.4	82.8	81.3	79.7	74.6
91.8					91.5	90.1	88.8	87.4	86.1	84.7	83.4	82.1	80.7	79.4	78	76.7	75.3	71.3
98.4						81.5	80.3	79.2	78	76.9	75.7	74.6	73.4	72.2	71.1	69.9	68.8	65.3
111.5							70.6	70	69.4	68.8	68	67.1	66.1	65.1	64.2	63.2	62.3	59.4
124.6								61.6	60.7	59.9	59.5	59.1	58.4	57.6	56.9	56.1	55.3	53
137.8									53.1	52.7	52.5	52.1	51.5	50.9	50.3	49.8	49.2	48
150.9										41.9	41.5	41.1	40.7	40.3	40	39.6	39.2	38.4
164.0												37.1	36.7	36.3	35.9	35.5	35.1	34.4
177.1													33.6	33.2	32.8	32.5	32.1	31.3
190.2														29.6	29.2	28.8	28.4	27.6
203.4																25.5	25.2	24.4
216.5																	22.5	21.7
229.6																		19.2

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 105 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	221.8																	
39.4	207.4	202.6	198.9	192.7														
45.9	196.6	192.2	187.4	182.4	179.7	171.4	165											
52.5	172.4	169.5	169.1	165.9	162.6	159.1	155.9	151.4	146.3									
59.0	151.6	149.3	147	144.7	142.2	139.9	137.4	135.1	132.6	128.7	126.1	122.1						
65.6	136.6	131.3	129.1	128.4	127	124.9	122.8	120.7	118.6	116.5	114.3	112.6	109.8	106.3	104.3			
72.2	124.4	122	120.5	118.9	117.3	115.7	114.1	112.5	110.9	109.4	107.8	106.2	104.6	103	101	98.6	96.1	
78.7		106.6	105	103.4	101.8	100.2	98.6	97	95.6	94.1	92.5	90.9	89.3	87.7	86.2	84.3	81.4	79
85.3		98.8	97.2	95.7	94.2	92.6	91.1	89.5	88	86.5	84.9	83.4	81.9	80.3	78.8	77.2	75.3	72.8
91.8			89.9	88.6	87.2	85.9	84.6	83.2	81.9	80.5	79.2	77.8	76.5	75.1	73.8	72.4	71.1	69.7
98.4				80.3	79.2	78	76.9	75.7	74.6	73.4	72.2	71.1	69.9	68.8	67.6	66.5	65.3	64.2
111.5					69.6	69	68.2	68.2	67.2	66.3	65.3	64.4	63.4	62.4	61.5	60.5	59.6	58.6
124.6						61.5	60.7	59.9	59.2	58.4	57.6	56.9	56.1	55.3	54.6	53.8	53	52.3
137.8								53.2	52.6	52.1	51.5	50.9	50.3	49.8	49.2	48.6	48	47.4
150.9									41.7	41.3	40.9	40.5	40.1	39.8	39.4	39	38.6	38.2
164.0											36.9	36.5	36.1	35.7	35.3	35	34.6	34.2
177.1												33.6	33.2	32.8	32.5	32.1	31.7	31.3
190.2													29.4	29	28.6	28.2	27.8	27.5
203.4															25.5	25.2	24.8	24.4
216.5																22.3	21.9	21.5
229.6																	19	19

Load capacities with 115 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	216																	
39.4	203	192.5	187.9															
45.9	187.3	183	178.4	173.5	166.1	158.8												
52.5	170.9	163.2	161.3	158	154.7	151.3	148.1	144.8	140.4									
59.0	149.1	144.8	142.5	140.3	137.9	135.6	133.3	131	128.6	126.7	124.5	121.2						
65.6	134.9	129.7	127.6	126.8	125.5	123.4	121.3	119.2	117	114.9	112.8	110.9	108.5	105.6				
72.2	122.8	120.5	118.9	117.3	115.7	114.1	112.5	110.9	109.4	107.8	106.2	104.6	103	101.4	98.8	95.9	93.1	
78.7		106.6	105	103.4	101.8	100.2	98.6	97	95.6	94.1	92.5	90.9	89.3	87.7	86.2	83.4	80.7	78.1
85.3		97.8	96.3	94.7	93.2	91.7	90.1	88.6	87	85.5	84	82.4	80.9	79.4	77.8	76.3	74.7	72.6
91.8			88.6	87.2	85.9	84.6	83.2	81.9	80.5	79.2	77.8	76.5	75.1	73.8	72.4	71.1	69.7	68.4
98.4				79.2	78	76.9	75.7	74.6	73.4	72.2	71.1	69.9	68.8	67.6	66.5	65.3	64.2	63
111.5					68.8	68.2	67.6	67.1	66.1	65.1	64.2	63.2	62.3	61.3	60.3	59.4	58.4	57.4
124.6						60.7	59.9	59.2	58.4	57.6	56.9	56.1	55.3	54.6	53.8	53	52.3	51.5
137.8								52.6	52.1	51.5	50.9	50.3	49.8	49.2	48.6	48	47.4	46.9
150.9									41.5	41.1	40.7	40.3	40	39.6	39.2	38.8	38.4	38
164.0											36.7	36.3	35.9	35.5	35.1	34.8	34.4	34
177.1												33.4	33	32.6	32.3	31.9	31.5	31.1
190.2													29.4	29	28.6	28.2	27.8	27.5
203.4															25.5	25.2	24.8	24.4
216.5																22.3	21.9	21.5
229.6																	19.4	19

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 125 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	208.3																	
39.4	198	188.3	183.3															
45.9	186.2	181.4	176.6	171.8	163.2	154.9												
52.5	167.4	160.3	159.9	156.7	153.5	150.2	146.7	143.4	139.5									
59.0	147	144.7	142.4	140.1	137.8	135.5	133.2	130.9	128.6	126.5	124.1	119.5						
65.6	132.6	128.4	126.3	125.3	124.2	122	119.9	117.8	115.7	113.6	111.5	109.6	107.6	104.9				
72.2	121.4	119.3	117.7	116.1	114.5	112.9	111.3	109.8	108.2	106.6	105	103.4	101.8	100.3	97.5	94.6	91.5	
78.7		106.1	104.4	102.8	101.1	99.4	97.6	95.9	94.5	93	91.5	89.7	88	86.3	84.7	83.2	79.6	76.8
85.3		96.9	95.3	93.8	92.2	90.7	89.2	87.6	86.1	84.6	83	81.5	79.9	78.4	76.9	75.3	73.8	72.2
91.8			87.6	86.3	84.9	83.6	82.2	80.9	79.6	78.2	76.9	75.5	74.2	72.8	71.5	70.1	68.8	67.4
98.4				78.2	77.1	75.9	74.7	73.6	72.4	71.3	70.1	69	67.8	66.7	65.5	64.4	63.2	62.1
111.5					68	67.5	67.1	66.1	65.1	64.2	63.2	62.3	61.3	60.3	59.4	58.4	55.4	56.5
124.6						59.9	59.2	58.4	57.6	56.9	56.1	55.3	54.6	53.8	53	52.3	49.7	50.7
137.8								51.9	51.3	50.7	50.1	49.6	49	48.4	47.8	47.3	46.7	46.1
150.9									41.3	40.9	40.5	40.1	39.8	39.4	39	38.6	38.2	37.8
164.0												36.5	36.1	35.7	35.3	35	34.6	33.8
177.1													33.2	32.8	32.5	32.1	31.7	30.9
190.2														29.2	28.8	28.4	28	27.3
203.4															25.2	24.8	24.4	24
216.5																22.1	21.7	21.3
229.6																	19.2	18.8

Load capacities with 134 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	200.6																	
39.4	191.2	184.6	177.1															
45.9	178.4	172.2	166.1	162.1	159.5	154												
52.5	164.3	158.8	156.8	153.6	150.3	146.8	144.3	141.9	138.6									
59.0	143.8	138.6	136.8	135.3	133.6	131.8	130.1	128.6	126.7	125	122.1	118.6						
65.6	130.1	125.5	123.6	121.8	119.9	118.2	116.5	114.7	112.8	110.7	109.2	107.4	105.6	103.6				
72.2	120.1	117.7	116.1	114.5	112.9	111.3	109.8	108.2	106.6	105	103.4	101.8	100.3	98.8	97	94.4	91.1	
78.7		105.1	103.4	101.9	100.1	98.4	96.7	94.9	93.6	92	90.5	88.8	87	85.3	83.8	82.2	79	76.1
85.3		95.9	94.4	92.8	91.3	89.7	88.2	86.7	85.1	83.6	82.1	80.5	79	77.4	75.9	74.4	72.8	70.5
91.8			86.3	84.9	83.6	82.2	80.9	79.6	78.2	76.9	75.5	74.2	72.8	71.5	70.1	68.8	67.4	66.1
98.4				77.1	75.9	74.7	73.6	72.4	71.3	70.1	69	67.8	66.7	65.5	64.4	63.2	62.1	60.9
111.5					67.4	66.6	66.1	65.1	64.2	63.2	62.3	61.3	60.3	59.4	58.4	57.4	54.3	55.5
124.6						59.2	58.4	57.6	56.9	56.1	55.3	54.6	53.8	53	52.3	51.5	48.6	49.9
137.8								51.5	50.9	50.3	49.8	49.2	48.6	48	47.4	46.9	46.3	45.7
150.9									41.1	40.7	40.3	40	39.6	39.2	38.8	38.4	38	37.6
164.0										36.7	36.3	35.9	35.5	35.1	34.8	34.4	34	33.6
177.1												33	32.6	32.3	31.9	31.5	31.1	30.7
190.2													29	28.6	28.2	27.8	27.5	27.1
203.4															25.2	24.8	24.4	24
216.5																21.9	21.5	21.1
229.6																	19	18.6

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 144 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
32.8	191.4																	
39.4	183.9	180	174.9															
45.9	173.9	167.8	161.8	158	154.2	150.3												
52.5	160.9	154.7	152.8	149.5	146.3	142.8	139.7	137.1	133.8									
59.0	141.5	137.2	135.5	134	132.2	130.5	128.8	127.2	125.2	123.2	121							
65.6	127.6	123.2	121.1	119.9	118.6	117	115	112.9	110.9	108.8	106.8	104.3	102.5	100.5				
72.2	118.5	117.1	115.3	113.7	111.9	110.2	108.4	106.6	105.2	103.6	102	100.3	98.7	97.2	95.5	93.7	90.4	
78.7	104.5	103.8	102	100.5	98.8	97	95.3	93.6	92.2	90.7	89.2	87.4	85.7	84	82.4	80.7	77.9	75.5
85.3		95.1	93.6	92	90.5	89	87.4	85.9	84.4	82.8	81.3	79.7	78.2	76.7	75.1	73.6	72.1	69.4
91.8			84.9	83.6	82.2	80.9	79.6	78.2	76.9	75.5	74.2	72.8	71.5	70.1	68.8	67.4	66.1	64.8
98.4				75.9	74.7	73.6	72.4	71.3	70.1	69	67.8	66.7	65.5	64.4	63.2	62.1	60.9	57.6
111.5					66.8	66.3	65.3	64.4	63.4	62.4	61.5	60.5	59.6	58.6	57.6	56.7	53.5	50.4
124.6						58.4	57.6	56.9	56.1	55.3	54.6	53.8	53	52.3	51.5	50.7	47.7	49.2
137.8									50.9	50.3	49.8	49.2	48.6	48	47.4	46.9	46.3	45.1
150.9										41.1	40.7	40.3	40	39.6	39.2	38.8	38.4	37.6
164.0											36.7	36.3	35.9	35.5	35.1	34.8	34	33.6
177.1													33	32.6	32.3	31.9	31.5	30.7
190.2														29	28.6	28.2	27.8	27.1
203.4																25.2	24.8	24
216.5																	21.9	21.1
229.6																		18.6

Load capacities with 154 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	178	173.1	168.1															
45.9	169.7	164.1	157.8	154.4	150.9	147.2												
52.5	157.6	150.9	148.9	145.5	142.4	139.3	138.2	135.3										
59.0	140.3	134.3	132.6	131.1	129.3	127.6	125.9	124.3	122.8	121.2	119.5							
65.6	125.3	122.8	120.9	119.2	117.2	115.5	113.8	112	110.1	108	105.6	103.4	101.6	99.2				
72.2	117.1	114.1	112.3	110.7	109	107.2	105.4	103.6	102.2	100.7	99.1	97.3	95.7	94.2	92.4	92	87.8	
78.7		103	102.2	100.5	99	97.2	95.5	93.8	92	90.7	89.2	87.6	85.9	84.2	82.4	80.9	79.2	74.8
85.3			93.4	91.9	90.3	88.8	87.2	85.7	84.2	82.6	81.1	79.6	78	76.5	74.9	73.4	71.9	68.8
91.8				83.6	82.2	80.9	79.6	78.2	76.9	75.5	74.2	72.8	71.5	70.1	68.8	67.4	66.1	62.5
98.4					74.7	73.6	72.4	71.3	70.1	69	67.8	66.7	65.5	64.4	63.2	62.1	60.9	56.3
111.5						65.6	65.2	64.4	63.4	62.4	61.5	60.5	59.6	58.6	57.6	56.7	55.7	48.4
124.6							57.4	56.7	55.9	55.1	54.4	53.6	52.8	52.1	51.3	50.5	49.8	42.2
137.8									50.3	49.8	49.2	48.6	48	47.4	46.9	46.3	45.7	40.3
150.9										40.7	40.3	40	39.6	39.2	38.8	38.4	38	37.3
164.0											36.5	36.1	35.7	35.3	35	34.6	34.2	33.4
177.1													32.6	32.3	31.9	31.5	31.1	30.3
190.2														28.8	28.4	28	27.6	26.9
203.4																24.8	24.4	23.6
216.5																	21.7	20.9
229.6																		18.4

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 164 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	172.9	168.3	163.5															
45.9	166.4	160.5	154.3	150.7	146.7	142.8												
52.5	153.6	147.2	145.3	141.8	138.8	135.7	132.7	129.4										
59.0	136.8	132.2	130.5	129	127.2	125.5	123.8	122.4	120.6	118.8	117							
65.6	122.8	120.7	118.8	117	115.1	113.4	111.7	109.9	108	105.9	103.4	101.4	99.2	96.8				
72.2	115.5	111.9	110.2	108.6	106.8	105	103.2	101.4	100.1	98.5	96.9	95.1	93.3	91.5	89.5	87.6		
78.7	102.2	100.1	98.4	96.9	95.1	93.4	91.7	89.9	88.6	87	85.5	83.8	82.1	80.3	78.8	77	75.2	72.8
85.3		91.9	90.3	88.8	87.2	85.7	84.2	82.6	81.1	79.6	78	76.5	74.9	73.4	71.9	70.3	68.8	67.1
91.8			82.6	81.3	79.9	78.6	77.2	75.9	74.6	73.2	71.9	70.5	69.2	67.8	66.5	65.1	63.8	59.8
98.4			74.9	73.8	72.6	71.5	70.3	69.2	68	66.9	65.7	64.6	63.4	62.3	61.1	59.9	58.8	54.5
111.5					64.8	64.4	63.4	62.4	61.5	60.5	59.6	58.6	57.6	56.7	55.7	54.8	51.7	46.8
124.6						56.5	55.7	54.9	54.2	53.4	52.6	51.9	51.1	50.3	49.6	48.8	42.5	41.8
137.8								49.9	49.4	48.8	48.2	47.6	47.1	46.5	45.9	45.3	41.6	40.1
150.9									40.5	40.1	39.8	39.4	39	38.6	38.2	37.8	37.5	37.1
164.0										36.1	35.7	35.3	35	34.6	34.2	33.8	33.4	33
177.1												32.5	32.1	31.7	31.3	30.9	30.5	30.1
190.2													28.6	28.2	27.8	27.5	27.1	26.7
203.4															24.6	24.2	23.8	23.4
216.5																21.5	21.1	20.7
229.6																	18.6	18.2

Load capacities with 174 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	167	162.4	157.5															
45.9	159.3	156.3	151.1	146.5	141.7	136.6												
52.5	147.6	143	141.1	137.6	134.5	131.6	128.5	125.2										
59.0	133.4	129.7	128	126.5	124.7	123	121.3	119.5	117.5	115.5	113.3							
65.6	120.3	118.4	116.7	115.1	113.4	111.7	109.9	108.2	106.8	105.1	103	101	98.8	96.4				
72.2	112.5	109.8	108	106.4	104.6	102.8	101	99.3	97.9	96.3	94.7	92.9	90.9	88.7	86.2	84		
78.7	99.4	98	96.3	94.7	93	91.3	89.5	87.8	86.5	84.9	83.4	81.7	79.9	78.2	76.5	74.8	73	71.1
85.3		90.7	89	87.2	85.5	83.8	83.6	81.9	80.3	78.8	77.1	75.3	73.8	72.1	70.5	68.8	67.4	65.3
91.8			81.1	79.7	78.4	77.1	75.7	74.4	73	71.7	70.3	69	67.6	66.3	64.9	63.6	62.3	58.7
98.4			73.6	72.4	71.3	70.1	69	67.8	66.7	65.5	64.4	63.2	62.1	60.9	59.8	58.6	57.4	53.5
111.5					64.2	63.2	62.3	61.3	60.3	59.4	58.4	57.4	56.5	55.5	54.6	53.6	50.4	45.8
124.6						55.7	54.9	54.2	53.4	52.6	51.9	51.1	50.3	49.6	48.8	48	42.9	40.8
137.8								49.4	48.8	48.2	47.6	47.1	46.5	45.9	45.3	44.8	42	39.1
150.9									40.1	39.8	39.4	39	38.6	38.2	37.8	37.5	37.1	36.7
164.0										35.9	35.5	35.1	34.8	34.4	34	33.6	33.2	32.8
177.1												32.3	31.9	31.5	31.1	30.7	30.3	30
190.2													28.4	28	27.6	27.3	26.9	26.5
203.4														24.9	24.4	24	23.6	23.2
216.5																21.3	20.9	20.5
229.6																	18.6	18.2

Load capacities with 184 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	162.6	157.1	152.9															
45.9	153	150.5	148.1	144.3	139.7													
52.5	143	138.6	136.6	133.2	130.1	126.7	123.4	120.8										
59.0	130.1	127.4	125.7	124.2	122.4	120.7	119	117.3	115.3	113.1	110.7							
65.6	117.8	116.1	114.3	112.8	111.1	109.3	107.6	105.9	104.5	103	101.4	99.4	97.5					
72.2	109.8	107.4	105.6	104	102.2	100.5	98.7	96.9	95.5	93.9	92.3	90.6	88.7	86.7	84.7	82.5		
78.7	97.2	95.7	94	92.4	90.7	89	87.2	85.5	84.2	82.6	81.1	79.4	77.6	75.9	74.1	72.2	70	67.5
85.3		88.4	86.7	84.9	83.2	81.5	81.3	79.6	78	76.5	74.7	73	71.5	69.7	68.2	66.5	65.1	63.6
91.8			79.9	78.6	77.2	75.9	74.6	73.2	71.9	70.5	69.2	67.8	66.5	65.1	63.8	62.4	61.1	58.1
98.4			72.6	71.5	70.3	69.2	68	66.9	65.7	64.6	63.4	62.3	61.1	59.9	58.8	57.6	56.5	
111.5					63.2	62.3	61.3	60.3	59.4	58.4	57.4	56.5	55.5	54.6	53.6	52.6	48.1	
124.6						55.1	54.4	53.6	52.8	52.1	51.3	50.5	49.8	49	48.2	47.4	41.6	
137.8								48.8	48.2	47.6	47.1	46.5	45.9	45.3	44.8	44.2	40.5	
150.9									40	39.6	39.2	38.8	38.4	38	37.6	37.3	36.9	
164.0										35.7	35.3	35	34.6	34.2	33.8	33.4	33	32.6
177.1												32.3	31.9	31.5	31.1	30.7	30.3	30
190.2													28.2	27.8	27.5	27.1	26.7	26.3
203.4														24.8	24.4	24	23.6	23.2
216.5																21.3	20.9	20.5
229.6																	18.4	18

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 194 ft main boom 88°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	155.8	151.1																
45.9	145.1	143	140.6	137.3	133.5													
52.5	135.7	134.1	132.4	129	126.5	123.2	120.1	116.8										
59.0	126.8	125.3	123.6	122	120.3	118.6	116.2	113.5	110.9	108								
65.6	115.5	114	112.2	110.7	109	107.2	105.5	103.8	102.4	101	99	96.8	94.4					
72.2	106.8	105.2	103.4	101.8	100.1	98.3	96.5	94.7	93.3	91.7	90.2	88.4	86.5	84.5	82.3	79.9		
78.7	95.3	93.8	92	90.5	88.8	87	85.3	83.6	82.2	80.7	79.2	77.4	75.7	74	71.9	70	67.8	65.3
85.3		86.9	84.9	83.2	81.5	79.7	79.6	77.8	76.3	74.7	73	71.3	69.7	68	66.5	64.8	62.7	60.5
91.8			78.6	77.2	75.9	74.6	73.2	71.9	70.5	69.2	67.8	66.5	65.1	63.8	62.4	61.1	59.8	56.1
98.4			70.7	69.6	68.4	67.2	66.1	64.9	63.8	62.6	61.5	60.3	59.2	58	56.9	55.7	54.6	49.1
111.5					62.3	61.3	60.3	59.4	58.4	57.4	56.5	55.5	54.6	53.6	52.6	49.5	46.4	43.1
124.6						54.4	53.6	52.8	52.1	51.3	50.5	49.8	49	48.2	47.4	44.4	41.6	36.3
137.8								46.1	45.7	45.3	45	44.6	44.2	43.8	43.4	40.9	38.3	36.5
150.9									39.8	39.4	39	38.6	38.2	37.8	37.5	37.1	35.9	34.1
164.0										35.5	35.1	34.8	34.4	34	33.6	33.2	32.8	32.5
177.1												31.9	31.5	31.1	30.7	30.3	30	29.6
190.2													28	27.6	27.3	26.9	26.5	26.1
203.4														24.6	24.2	23.8	23.4	23
216.5																21.1	20.7	20.3
229.6																	18.2	17.8

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 66 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	253	248.6																
45.9	233.9	229	223.6	218.1	213													
52.5	210.6	207	203.6	199.9	196.3	192.4	188.8											
59.0	185.4	184.1	181.6	179	176.2	173.7	170.9	168.3	165.5	163								
65.6	162.5	160	157.4	154.9	152.1	149.5	146.7	144.2	142.5	140.1	138.2	136.5						
72.2	147.8	145	143.2	141.5	139.7	137.9	136.2	134.4	132.7	130.9	129.1	127.4	125.6	123.9				
78.7		125.4	123.7	122	120.3	118.5	116.8	115.1	113.4	111.7	110	108.3	106.6	104.9	103.2	101.5		
85.3			117	116	114.3	112.6	110.9	109.1	107.4	105.7	104	102.3	100.6	98.9	97.2	94.8	93.8	88.4
91.8				109.4	107.9	106.4	104.9	103.4	101.9	100.4	98.9	97.4	95.9	94.4	90.2	85.4	84.5	82.9
98.4					97.8	96.5	95.3	94	92.7	91.4	90.1	88.9	87.6	86.3	85	82.5	81.4	76.1
111.5						84.5	83.6	82.9	82.7	82.2	81.2	80.1	79	78	76.9	74.1	72.6	70.4
124.6							73.5	73	72.6	72.2	71.7	71.1	70.3	69.4	68.6	67.7	66.9	62.3
137.8									63.6	63.1	62.7	62.3	62.3	61.9	61.3	60.7	60	58.1
150.9										50.8	50.4	50	49.8	49.3	48.7	48.3	47.8	46.8
164.0													45.5	45.3	44.9	44.2	43.8	42.3
177.1														42.1	41.7	41	40.6	39.1
190.2															37.4	36.7	36.3	34.8
203.4																32.7	32.3	31.2
216.5																	29.3	28.2
229.6																		25.2

Load capacities with 75 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	253	247.7																
45.9	231.5	226.6	221.3	215.7														
52.5	206.5	204.6	201.8	198.2	194.6	190.7	187.1											
59.0	181.3	179.6	177.1	174.5	171.7	169.2	166.4	163.8	161									
65.6	160.8	156.3	153.8	152.1	150.6	148.2	145.9	143.5	141.2	138.8	136.5							
72.2	146.5	143.2	141.5	139.7	137.9	136.2	134.4	132.7	130.9	129.1	127.4	125.6	123.9	122.1				
78.7	127.1	124.1	122.4	120.7	119	117.3	115.6	113.8	112.1	110.4	108.7	107	105.3	103.6	101.9	100.2		
85.3		116.4		113	111.3	109.6	107.9	106.2	104.4	102.7	101	99.3	97.6	94.8	93.5	92.5	90.3	87.4
91.8			108.1	106.6	105.1	103.6	102.1	100.6	99.1	97.6	96.1	94.6	93.1	86.2	83.8	83.2	82.3	80.7
98.4				96.5	95.3	94	92.7	91.4	90.1	88.9	87.6	86.3	85	83.4	81	79.9	78.1	74.1
111.5					84	83.2	82.5	81.6	81.2	80.1	79	78	76.9	75.8	72.8	71.1	68.2	66.2
124.6						73	72.6	72.4	72	71.1	70.3	69.4	68.6	67.7	66.9	66	61.2	59.4
137.8								63.1	62.7	62.3	62	61.6	61.3	60.7	60	59.4	58.7	56.8
150.9									50.4	50	49.6	49.1	48.7	48.3	47.8	47.4	47	46.6
164.0										45.5	45.1	44.6	44.2	43.8	43.4	42.9	42.5	42.1
177.1												41.4	41	40.6	40.2	39.7	39.3	38.9
190.2													36.7	36.3	35.9	35.5	35	34.6
203.4															32.3	31.8	31.4	31
216.5																	28.8	28
229.6																		25.2

Load capacities with 85 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	242.4	238.6																
45.9	228.8	223.8	218.5	213														
52.5	202.9	201	198.2	194.6	191	187.1	183.5											
59.0	177.3	175.1	172.6	170	167.2	164.7	161.9	159.3	156.6									
65.6	159.1	154.2	151.9	151	149.5	147.2	144.8	142.5	140.1	137.8	135.4							
72.2	145	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	126.3	124.5	122.8	121				
78.7	125.6	123.7	121.7	120	118.1	116.2	114.3	112.3	110.9	109.1	107.4	105.5	103.6	101.7	100	98.3		
85.3		115.3	113.6	111.9	110.2	108.5	106.8	105.1	103.4	101.7	100	98.3	96.5	93.3	92	90.2	89.3	86.7
91.8			106.6	105.1	103.6	102.1	100.6	99.1	97.6	96.1	94.6	93.1	90.9	84.7	82.5	81.8	80.5	78.8
98.4			96.8	95.5	94.2	92.9	91.6	90.3	89.1	87.8	86.5	85.2	83.9	81.8	79.4	78.5	76.6	71.3
111.5					82.9	82.3	81.6	81	80.3	79.2	78.2	77.1	76	75	71.5	70	66.4	62
124.6						72.6	72.2	70.4	70	69.5	69.1	68.6	67.7	66.9	66	65.1	59.6	57.2
137.8								62.9	62.7	62.3	61.8	61.3	60.7	60	59.4	58.7	58.1	55.2
150.9									50.2	49.8	49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3
164.0										45.5	45.1	44.6	44.2	43.8	43.4	42.9	42.5	42.1
177.1												41.2	40.8	40.4	39.9	39.5	39.1	38.7
190.2													36.7	36.3	35.9	35.5	35	34.6
203.4														26.2	32.3	31.8	31.4	31
216.5																28.6	28.2	27.8
229.6																	25.4	25

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 95 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	236.9	234.7																
45.9	225.6	220.6	215.3	209.7														
52.5	198.6	195.9	193.7	190.1	186.5	182.6												
59.0	173.4	170.9	168.3	165.7	163	160.4	157.6	155.1	152.3									
65.6	157.2	152.3	149.9	149.1	147.6	145.2	142.9	140.5	138.2	135.8	133.5							
72.2	143.4	140.6	138.8	137.1	135.3	133.5	131.8	130	128.3	126.5	124.7	123	121.2					
78.7	125.2	123.7	121.7	120	118.1	116.2	114.3	112.3	110.9	109.1	107.4	105.5	103.6	101.7	100	98.3		
85.3		114.5	112.8	111.1	109.4	107.7	105.9	104.2	102.5	100.8	99.1	97.4	94.8	92	90.2	88.7	87.8	86
91.8			105.3	103.8	102.3	100.8	99.3	97.8	96.3	94.8	93.3	91.8	89.1	83.4	80.7	79.6	78.5	76.8
98.4			95.5	94.2	92.9	91.6	90.3	89.1	87.8	86.5	85.2	83.9	82.7	80.5	77.9	77	75	69.3
111.5					82.1	81.4	80.7	80.1	79.2	78.2	77.1	76	75	73.9	70	69.1	64.5	60.7
124.6						72.2	71.1	70.2	69.7	69.3	68.6	67.7	66.9	66	65.1	64	57.6	55.2
137.8								62.7	62.3	62	61.5	60.9	60.2	59.6	59	58.3	56.3	53.7
150.9									50.2	49.8	49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3
164.0										45.3	44.9	44.4	44	43.6	43.1	42.7	42.3	41.9
177.1												41	40.6	40.2	39.7	39.3	38.9	38.4
190.2													36.5	36.1	35.7	35.2	34.8	34.4
203.4														32.5	32	31.6	31.2	30.8
216.5																28.6	28.2	27.8
229.6																	25.4	25

Load capacities with 105 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	234.1																	
45.9	222.1	217.2	211.9	206.3														
52.5	195.2	192	191.6	188	184.3	180.5												
59.0	172.2	169.6	167	164.5	161.7	159.1	156.3	153.8	151									
65.6	155.5	149.5	147.2	146.3	144.8	142.5	140.1	137.8	135.4	133.1	130.7							
72.2	141.9	139.3	137.5	135.7	134	132.2	130.5	128.7	126.9	125.2	123.4	121.7	119.9					
78.7	124.5	122.6	120.7	119	117	115	113.2	111.4	109.9	108.2	106.5	104.7	102.9	101.1	99.4	97.8		
85.3		113.4	111.7	110	108.3	106.6	104.9	103.2	101.5	99.7	98	96.3	93.1	90.4	88.7	87.3	86.5	84.5
91.8			103.6	102.1	100.6	99.1	97.6	96.1	94.6	93.1	91.6	90.1	87.6	82.1	79.4	78.3	77	75
98.4			94.2	92.9	91.6	90.3	89.1	87.8	86.5	85.2	83.9	82.7	81.4	79.2	76.3	75.7	73.5	67.5
111.5					81	80.3	79.4	79.5	78.4	77.3	76.3	75.2	74.1	73	68.9	68	63.1	59
124.6						72	71.1	70.3	69.4	68.6	67.7	66.9	66	65.1	64.3	62.3	56.3	53.7
137.8							63.4	62.8	62.2	61.5	60.9	60.2	59.6	59	58.3	57.7	55	52.1
150.9									50	49.6	49.1	48.7	48.3	47.8	47.4	47	46.6	46.1
164.0										45.1	44.6	44.2	43.8	43.4	42.9	42.5	42.1	41.7
177.1												41	40.6	40.2	39.7	39.3	38.9	38.4
190.2													36.3	35.9	35.5	35	34.6	34.2
203.4														32.5	32	31.6	31.2	30.8
216.5																28.4	28	27.6
229.6																	25.2	24.8
242.7																		22.4

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 115 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	229.2																	
45.9	211.8	207.1	201.9															
52.5	193.5	185	182.8	179.2	175.6	171.7												
59.0	169.4	164.6	162	159.5	156.9	154.4	151.7	149.2										
65.6	153.6	147.8	145.5	144.6	143.1	140.8	138.4	136.1	133.7	131.4								
72.2	140.1	137.5	135.7	134	132.2	130.5	128.7	126.9	125.2	123.4	121.7	119.9	118.1					
78.7	123.5	122.1	120.3	118.6	116.8	115.1	113.1	111.3	109.6	108.1	106.4	104.4	102.5	100.6	98.9			
85.3		112.3	110.6	108.9	107.2	105.5	103.8	102.1	100.4	98.7	97	95.3	91.5	88.9	87.3	86	85.1	83.4
91.8			102.1	100.6	99.1	97.6	96.1	94.6	93.1	91.6	90.1	88.6	86	80.7	78.1	77	75.5	73
98.4				92.9	91.6	90.3	89.1	87.8	86.5	85.2	83.9	82.7	81.4	80.1	77.9	75	74.1	71.9
111.5						80.1	79.4	78.8	78.2	77.1	76	75	73.9	72.8	71.8	67.5	66.4	61.6
124.6							71.1	70.3	69.4	68.6	67.7	66.9	66	65.1	64.3	63.4	60.7	54.8
137.8								62.8	62.2	61.5	60.9	60.2	59.6	59	58.3	57.7	56.1	53.5
150.9										49.8	49.3	48.9	48.5	48.1	47.6	47.2	46.8	45.9
164.0											44.9	44.4	44	43.6	43.1	42.7	42.3	41.9
177.1													40.8	40.4	39.9	39.5	39.1	38.7
190.2														36.3	35.9	35.5	35	34.6
203.4															32.5	32	31.6	30.8
216.5																	28.4	27.6
229.6																		25.2
242.7																		24.8

Load capacities with 125 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	223.6																	
45.9	210.6	205.3	199.9															
52.5	189.7	181.7	181.3	177.8	174.3	170.5												
59.0	167	164.5	161.9	159.3	156.8	154.2	151.7	149.1										
65.6	151	146.3	144	142.9	141.6	139.3	136.9	134.6	132.2	129.9								
72.2	138.6	136.2	134.4	132.7	130.9	129.1	127.4	125.6	123.9	122.1	120.3	118.6	116.8					
78.7	122.4	121.5	119.6	117.9	116	114.1	112.1	110.2	108.7	107	105.3	103.4	101.5	99.5	97.8			
85.3		111.3	109.6	107.9	106.2	104.4	102.7	101	99.3	97.6	95.9	94.2	90	87.3	85.8	84.5	83.8	
91.8		102.5	101	99.5	98	96.5	95	93.6	92.1	90.6	89.1	87.6	84.5	79.4	76.6	75.5	73.9	70.2
98.4			91.8	90.6	89.3	88	86.7	85.4	84.2	82.9	81.6	80.3	79	76.3	73.5	72.8	70.4	64.7
111.5					79.2	78.5	78.2	77.1	76	75	73.9	72.8	71.8	70.7	66.2	65.1	60.1	56.1
124.6						70.3	69.4	68.6	67.7	66.9	66	65.1	64.3	63.4	62.6	59.4	53.2	50.8
137.8							61.9	61.3	60.7	60	59.4	58.7	58.1	57.5	56.8	54.8	51.9	49.3
150.9									49.6	49.1	48.7	48.3	47.8	47.4	47	46.6	46.1	45.7
164.0										44.6	44.2	43.8	43.4	42.9	42.5	42.1	41.7	41.2
177.1											41	40.6	40.2	39.7	39.3	38.9	38.4	38
190.2													36.1	35.7	35.2	34.8	34.4	34
203.4														32	31.6	31.2	30.8	30.3
216.5																28.2	27.8	27.3
229.6																	25	24.6
242.7																		22.2

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 134 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
39.4	216.2																	
45.9	201.8	195	188.2															
52.5	186.3	180.1	177.9	174.3	170.7													
59.0	163.4	157.6	155.7	154	152.1	150.2	148.2	146.5										
65.6	148.2	143.1	141	139	136.9	135	133.1	131.1	129	126.7								
72.2	137.1	134.4	132.7	130.9	129.1	127.4	125.6	123.9	122.1	120.3	118.6	116.8						
78.7	121.3	120.5	118.5	116.8	114.9	113	111.1	109.1	107.7	105.9	104.2	102.3	100.4	98.5	96.8			
85.3		110.2	108.5	106.8	105.1	103.4	101.7	100	98.3	96.5	94.8	93.1	88.2	85.8	84.5	83.2	81.8	
91.8		101	99.5	98	96.5	95	93.6	92.1	90.6	89.1	87.6	86.1	82.9	77.9	75.2	74.1	72.6	68.4
98.4			90.6	89.3	88	86.7	85.4	84.2	82.9	81.6	80.3	79	77.7	75	72.2	71.5	69.1	62.9
111.5				79	78.5	77.7	77.1	76	75	73.9	72.8	71.8	70.7	69.6	64.9	63.8	58.7	54.3
124.6						69.4	68.6	67.7	66.9	66	65.1	64.3	63.4	62.6	61.7	58.1	51.9	49.1
137.8							61.5	60.9	60.2	59.6	59	58.3	57.7	57	56.4	53.5	50.6	47.5
150.9									49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3	45.9	45.1
164.0										44.4	44	43.6	43.1	42.7	42.3	41.9	41.4	41
177.1											40.8	40.4	39.9	39.5	39.1	38.7	38.2	37.8
190.2													35.9	35.5	35	34.6	34.2	33.7
203.4														32	31.6	31.2	30.8	30.3
216.5																28	27.6	27.1
229.6																	24.8	24.3
242.7																		22

Load capacities with 144 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	196.9	190.1	183.5															
52.5	182.4	175.6	173.4	169.8	166.2													
59.0	160.8	156.1	154.2	152.5	150.6	148.7	146.7	145										
65.6	145.5	140.6	138.3	136.8	136	133.7	131.4	129.1	126.9	124.6								
72.2	135.3	133.8	131.8	130	128	126.1	124.1	122.1	120.6	118.8	117	115.1						
78.7	119.8	119	117	115.3	113.4	111.5	109.6	107.7	106.2	104.4	102.7	100.8	98.9	97				
85.3		109.4	107.7	105.9	104.2	102.5	100.8	99.1	97.4	95.7	94	92.3	86.5	84.3	83.2	82.1	80.5	
91.8		99.5	98	96.5	95	93.6	92.1	90.6	89.1	87.6	86.1	84.6	81.6	76.6	73.7	72.6	71.3	66.9
98.4			89.3	88	86.7	85.4	84.2	82.9	81.6	80.3	79	77.7	76.5	71.5	70.8	70.2	67.8	61.4
111.5				78.3	77.9	77.3	76.3	75.2	74.1	73	72	70.9	69.8	68.8	64.9	62.5	57.4	52.8
124.6						68.6	67.7	66.9	66	65.1	64.3	63.4	62.6	61.7	60.9	56.8	50.6	47.5
137.8							60.9	60.2	59.6	59	58.3	57.7	57	56.4	55.7	52.1	49.3	45.5
150.9									49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3	45.9	43.3
164.0										44.4	44	43.6	43.1	42.7	42.3	41.9	41.4	41
177.1											40.8	40.4	39.9	39.5	39.1	38.7	38.2	37.8
190.2													35.9	35.5	35	34.6	34.2	33.7
203.4														32	31.6	31.2	30.8	30.3
216.5															28.4	28	27.6	27.1
229.6																	24.8	24.3
242.7																		22

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 154 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	192.2	186																
52.5	178.8	171.3	169.2	165.3	161.9													
59.0	159.6	152.9	151	149.3	147.4	145.5	143.5											
65.6	142.9	140.1	138	136.1	133.9	132	130.1	128.2	126	123.7								
72.2	133.8	130.5	128.5	126.7	124.7	122.8	120.8	118.8	117.3	115.5	113.7	111.8						
78.7	118.1	117.3	115.3	113.6	111.7	109.8	107.9	105.9	104.4	102.7	101	99.1	97.2	95.3				
85.3		107.4	105.7	104	102.3	100.6	98.9	97.2	95.5	93.8	92.1	90.3	85.1	82.9	81.8	80.5	79.2	
91.8		98	96.5	95	93.6	92.1	90.6	89.1	87.6	86.1	84.6	83.1	80.1	75.2	72.4	71.1	69.7	64.5
98.4			88	86.7	85.4	84.2	82.9	81.6	80.3	79	77.7	76.5	75.2	69.7	69.3	68.6	66.2	59
111.5				77.2	76.6	76.1	75.2	74.1	73	72	70.9	69.8	68.8	67.7	63.6	60.9	55.9	50.8
124.6							67.5	66.6	65.8	64.9	64.1	63.2	62.4	61.5	60.7	59.8	55.2	49.1
137.8							60.2	59.6	59	58.3	57.7	57	56.4	55.7	55.1	50.6	47.7	43.8
150.9								49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3	45.9	45.5	41.6
164.0										44.2	43.8	43.4	42.9	42.5	42.1	41.7	41.2	39.4
177.1											40.4	39.9	39.5	39.1	38.7	38.2	37.8	36.5
190.2														35.7	35.2	34.8	34.4	32.8
203.4															31.6	31.2	30.8	29.9
216.5																28.2	27.8	26.9
229.6																	24.6	24.1
242.7																		21.8

Load capacities with 164 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	188.6	182																
52.5	174.3	167.2	165.1	161.3														
59.0	155.7	150.6	148.7	147	145	143.1	141.2											
65.6	140.1	137.8	135.6	133.7	131.6	129.7	127.7	125.8	123.7									
72.2	132	128	126.1	124.3	122.3	120.3	118.4	116.4	114.8	113.1	111.3							
78.7	117.3	114.9	113	111.3	109.4	107.4	105.5	103.6	102.1	100.4	98.7	96.8	94.8	92.9				
85.3	92.8	105.7	104	102.3	100.6	98.9	97.2	95.5	93.8	92.1	90.3	88.6	83.6	81.6	80.5	79.2		
91.8		97	95.5	94	92.5	91	89.5	88	86.5	85	83.5	82	78.5	73.9	71.1	69.7	68.2	62.9
98.4			86.9	85.7	84.4	83.1	81.8	80.5	79.2	78	76.7	75.4	74.1	68.2	68	67.1	63.6	57.4
111.5				76.3	75.7	75.2	74.1	73	72	70.9	69.8	68.8	67.7	66.6	62.3	59.4	54.3	49.3
124.6						66.4	65.6	64.7	63.9	63	62.2	61.3	60.4	59.6	58.7	53.7	48	44
137.8							59.8	59.2	58.5	57.9	57.2	56.6	56	55.3	54.7	49.1	46.2	42.2
150.9								49.1	48.7	48.3	47.8	47.4	47	46.6	46.1	45.7	44.4	40
164.0										43.8	43.4	42.9	42.5	42.1	41.7	41.2	40.8	37.8
177.1											40.2	39.7	39.3	38.9	38.4	38	37.6	35
190.2													35.5	35	34.6	34.2	33.7	31.5
203.4															31.4	31	30.5	29.7
216.5																28	27.6	26.7
229.6																	24.3	23.9
242.7																		21.6

Load capacities with 174 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	180.7	177.3																
52.5	167.7	162.5	160.4	156.6														
59.0	151.9	147.8	145.9	144.2	142.3	140.3	138.4											
65.6	137.3	135.2	133.3	131.6	129.7	127.7	125.8	123.9	122.4									
72.2	128.7	125.6	123.6	121.9	119.9	117.9	115.9	114	112.4	110.7	108.9							
78.7	114.1	112.6	110.6	108.9	107	105.1	103.2	101.2	99.7	98	96.3	94.4	92.5	90.6				
85.3		105.9	104.4	102.5	100.6	98.7	96.8	96.5	94.6	92.9	91.2	89.3	87.4	82.1	80.5	78.3	77.4	
91.8		95.3	93.8	92.3	90.8	89.3	87.8	86.3	84.8	83.3	81.8	80.3	77.2	75.5	69.5	68.4	66.4	61.8
98.4			85.4	84.2	82.9	81.6	80.3	79	77.7	76.5	75.2	73.9	72.6	69.7	66.4	65.8	61.8	56.3
111.5				75.7	75	73.9	72.8	71.8	70.7	69.6	68.6	67.5	66.4	65.4	60.7	58.1	52.6	48.2
124.6						65.6	64.7	63.9	63	62.2	61.3	60.4	59.6	58.7	57.9	52.4	46.9	42.9
137.8							59.2	58.5	57.9	57.2	56.6	56	55.3	54.7	54	47.7	44.4	41.1
150.9								48.7	48.3	47.8	47.4	47	46.6	46.1	45.7	44.4	42.7	39.2
164.0										43.6	43.1	42.7	42.3	41.9	41.4	41	40.6	37
177.1											39.9	39.5	39.1	38.7	38.2	37.8	37.4	34.1
190.2												35.7	35.2	34.8	34.4	34	33.5	30.6
203.4														31.2	30.8	30.3	29.9	28.6
216.5															27.8	27.3	26.9	25.7
229.6																	24.3	23.1
242.7																		20.7

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 184 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	173.7	170.9																
52.5	162.5	157.6	155.5	151.7														
59.0	148.2	145.2	143.3	141.6	139.7	137.8												
65.6	134.6	132.6	130.7	129	127.1	125.2	123.2	121.3	119.8									
72.2	125.6	123	121	119.2	117.3	115.3	113.3	111.3	109.8	108	106.3							
78.7	111.7	110	108.1	106.4	104.4	102.5	100.6	98.7	97.2	95.5	93.8	91.8	87.6					
85.3	103.6	101.9	100	98	96.1	94.2	94	92.1	90.3	88.6	86.7	84.8	80.7	79	77	75.2		
91.8		94	92.5	91	89.5	88	86.5	85	83.5	82	80.5	79	75.7	73.9	68.2	67.1	64.5	61.2
98.4			84.4	83.1	81.8	80.5	79.2	78	76.7	75.4	74.1	72.8	71.6	68.2	65.1	64.2	60.1	55.7
111.5					75	73.9	72.8	71.8	70.7	69.6	68.6	67.5	66.4	65.4	64.3	59.4	56.5	47.5
124.6						55.9	64.9	64.1	63.2	62.4	61.5	60.7	59.8	59	58.1	57.2	50.8	42.2
137.8								58.5	57.9	57.2	56.6	56	55.3	54.7	54	53.4	46.2	40.5
150.9									48.5	48.1	47.6	47.2	46.8	46.3	45.9	45.5	44	38.5
164.0											43.4	42.9	42.5	42.1	41.7	41.2	39.2	36.3
177.1												39.9	39.5	39.1	38.7	38.2	37.4	33.4
190.2													35.5	35	34.6	34.2	33.3	29.9
203.4															31.2	30.8	30.3	27.9
216.5																27.8	27.3	25.1
229.6																	24.1	22.4
242.7																		20

Load capacities with 194 ft main boom 86°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
45.9	164.9																	
52.5	154.4	152.7	150.8	147														
59.0	144.6	142.9	141	139.3	137.3	135.4												
65.6	132	130.3	128.4	126.7	124.7	122.8	120.9	119										
72.2	122.3	120.6	118.6	116.8	114.8	112.9	110.9	108.9	107.4	105.6	103.8							
78.7	109.6	107.9	105.9	104.2	102.3	100.4	98.5	96.5	95	93.3	91.6	89.7	85.6					
85.3	102.1	100.2	98	96.1	94.2	92.3	92.1	90.1	88.4	86.7	84.8	82.9	79	76.1	74.4	71.7		
91.8		92.5	91	89.5	88	86.5	85	83.5	82	80.5	79	77.5	73.9	72.4	66.7	65.8	63.4	60.3
98.4				82.2	81	79.7	78.4	77.1	75.8	74.5	73.3	72	70.7	69.4	66.7	63.6	62.3	54.8
111.5					73.9	72.8	71.8	70.7	69.6	68.6	67.5	66.4	65.4	64.3	63.2	57.9	54.6	46.6
124.6						64.9	64.1	63.2	62.4	61.5	60.7	59.8	59	58.1	57.2	56.4	48.8	41.4
137.8								55.3	54.9	54.5	54	53.6	53.2	52.8	52.3	51.9	44.2	39.6
150.9									48.3	47.8	47.4	47	46.6	46.1	45.7	45.3	42.7	37.6
164.0											43.1	42.7	42.3	41.9	41.4	41	38.1	35.4
177.1												39.5	39.1	38.7	38.2	37.8	37	32.6
190.2													35.2	34.8	34.4	34	33.5	29
203.4															31	30.5	29.7	27.1
216.5																27.6	27.1	24.2
229.6																	24.3	21.6
242.7																		19.1

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 66 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
59.0	165.1																	
65.6	144.3	143.7	143.2															
72.2	127.9	127.5	126.9	126.3														
78.7	114.6	114.2	113.9	113.3	112.7	112.1												
85.3	103.8	103.4	103	102.4	101.8	101.2	100.6											
91.8		94.2	93.9	93.3	92.9	92.3	91.7	91.5	90.9									
98.4		86.3	86.1	85.5	85.1	84.5	84	83.8	83.2	82.6								
111.5				73.1	72.7	72.1	71.7	71.5	70.9	70.3	69.7	69.5	68.9					
124.6					63	62.6	62.2	62	61.4	60.8	60.2	60	59.4	58.8	58.2	58		49.3
137.8							54.5	54.3	53.9	53.3	52.7	52.5	51.9	51.3	50.7	50.5	49.9	43.4
150.9								48.1	47.7	47.1	46.5	46.3	45.7	45.1	44.6	44.6	44	38.2
164.0									42.4	41.8	41.4	41.4	40.8	40.2	39.6	39.4	38.8	34.1
177.1											37.2	37	36.4	35.8	35.2	35.2	34.7	30.5
190.2												33.3	32.9	32.3	31.7	31.5	31.1	27.3
203.4													29.5	29.1	28.5	28.5	27.9	24.6
216.5															25.7	25.7	25.1	22.2
229.6																23.2	22.8	20
242.7																		17.8

Load capacities with 75 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
59.0	163.7																	
65.6	143.2	142.6																
72.2	126.9	126.3	125.7	125.1														
78.7	113.9	113.3	112.9	112.1	111.5													
85.3	103	102.6	102	101.4	100.8	100.2												
91.8	93.7	93.5	93.1	92.5	91.9	91.3	90.7	90.5										
98.4		85.7	85.3	84.7	84.3	83.8	83.2	82.8	82.2	81.6								
111.5				72.5	71.9	71.5	70.9	70.7	70.1	69.5	68.9	68.5						
124.6					62.4	62	61.4	61.2	60.6	60	59.4	59.2	58.6	58	57.4			
137.8						54.3	53.9	53.7	53.3	52.7	52.1	51.9	51.3	50.5	50.1	49.9	49.3	48.7
150.9								47.5	47.1	46.5	45.9	45.7	45.1	44.6	44	43.8	43.2	42.6
164.0									42	41.4	41	40.8	40.2	39.6	39	38.8	38.2	37.6
177.1										37	36.6	36.4	36	35.4	34.8	34.7	34.1	33.5
190.2												32.9	32.3	31.7	31.3	31.1	30.5	29.9
203.4													29.1	28.5	28.1	27.9	27.3	26.7
216.5															25.3	25.1	24.8	24.2
229.6																22.8	22.4	21.8
242.7																	20.2	19.6

Load capacities with 85 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
65.6	141.8	141.2																
72.2	125.7	125.1	124.5															
78.7	112.7	112.3	111.7	111.1														
85.3	102	101.6	101	100.4	99.8	99.2												
91.8	92.9	92.7	92.1	91.5	90.9	90.3	89.7											
98.4		84.9	84.5	84	83.4	82.8	82.2	82	81.2									
111.5			72.1	71.7	71.3	70.7	70.1	69.9	69.1	68.5	67.9	67.7						
124.6					61.8	61.2	60.8	60.4	60	59.2	58.6	58.4	57.8	57.2	56.6			
137.8						53.7	53.3	53.1	52.5	51.9	51.3	51.1	50.5	49.9	49.3	49.1	48.5	47.9
150.9							47.1	46.9	46.5	45.9	45.3	45.1	44.6	44	43.4	43.2	42.6	42
164.0									41.4	41	40.4	40.2	39.6	39	38.4	38.2	37.6	37
177.1										36.6	36.2	36	35.4	34.8	34.3	34.1	33.5	32.9
190.2												32.5	31.9	31.3	30.7	30.5	29.9	29.3
203.4													28.7	28.1	27.5	27.5	26.9	26.3
216.5														25.3	24.9	24.8	24.2	23.6
229.6																22.4	21.8	21.2
242.7																	19.8	19.2
255.8																		17.2

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 95 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
65.6	140.4																	
72.2	124.5	123.9																
78.7	111.7	111.1	110.5	109.9														
85.3	101	100.6	100	99.4	98.6													
91.8	92.1	91.7	91.1	90.5	89.9	89.3	88.5											
98.4		84.2	83.6	83	82.4	81.8	81.2	80.8										
111.5			71.5	70.9	70.3	69.7	69.1	68.9	68.3	67.7	66.9	66.7						
124.6				61.4	61	60.6	60	59.8	59.2	58.4	57.8	57.6	57	56.2				
137.8						53.1	52.7	52.5	51.9	51.3	50.7	50.3	49.7	49.1	48.5	48.3	47.7	
150.9							46.5	46.3	45.9	45.3	44.7	44.6	44	43.2	42.6	42.4	41.8	41.2
164.0									41	40.4	39.8	39.6	39	38.4	37.8	37.6	37	36.4
177.1										36	35.6	35.4	34.8	34.3	33.7	33.5	32.9	32.3
190.2											32.1	31.9	31.3	30.7	30.1	30.1	29.5	28.9
203.4													28.3	27.7	27.1	26.9	26.3	25.7
216.5														24.9	24.4	24.4	23.8	23.2
229.6															22	22	21.4	20.8
242.7																	19.4	18.8
255.8																		16.8

Load capacities with 105 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
72.2	123.2	122.6																
78.7	110.5	109.9	109.3															
85.3	100	99.4	98.8	98.2	97.6													
91.8	91.1	90.7	90.1	89.5	88.9	88.1												
98.4	83.6	83.2	82.8	82	81.4	80.8	80.2	79.8										
111.5			70.7	70.1	69.5	68.9	68.3	68.1	67.3	66.7	66.1							
124.6				60.8	60.4	59.8	59.2	59	58.4	57.6	57	56.8	56.2	55.4				
137.8						52.5	51.9	51.7	51.1	50.5	49.9	49.7	49.1	48.3	47.7	47.5	46.9	
150.9							45.9	45.7	45.1	44.6	44	43.8	43.2	42.6	42	41.8	41.2	40.4
164.0								40.8	40.4	39.8	39.2	39	38.4	37.8	37	37	36.4	35.6
177.1										35.6	35	34.8	34.3	33.7	33.1	32.9	32.3	31.7
190.2											31.5	31.3	30.9	30.1	29.7	29.5	28.9	28.3
203.4												28.3	27.7	27.1	26.5	26.5	25.9	25.3
216.5														24.6	24	23.8	23.2	22.6
229.6															21.6	21.6	21	20.4
242.7																	18.8	18.2
255.8																		16.4

Load capacities with 115 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
72.2	121																	
78.7	108.5	107.7	107.1															
85.3	98.2	97.6	96.8	96.2														
91.8	89.5	88.9	88.3	87.7	86.9	86.3												
98.4	82	81.6	81	80.4	79.8	79	78.4											
111.5			69.3	68.7	68.1	67.5	66.7	66.5	65.9	65.1								
124.6				59.6	59	58.4	57.8	57.6	57	56.2	55.6	55.4	54.6					
137.8					51.7	51.3	50.7	50.5	49.9	49.3	48.7	48.3	47.7	47.1	46.3	46.1		
150.9							44.9	44.7	44.2	43.6	43	42.8	42	41.4	40.8	40.6	40	39.2
164.0								39.8	39.4	38.8	38.2	38	37.4	36.6	36	35.8	35.2	34.7
177.1									35.2	34.7	34.1	33.9	33.3	32.7	32.1	31.9	31.3	30.7
190.2											30.7	30.5	29.9	29.3	28.7	28.5	27.9	27.3
203.4												27.5	26.9	26.3	25.7	25.5	24.9	24.4
216.5														23.8	23.2	23	22.4	21.8
229.6															20.8	20.8	20.2	19.6
242.7																18.6	18.2	17.6
255.8																		15.8

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 125 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
72.2	120.4																	
78.7	107.9	107.3																
85.3	97.8	97	96.4	95.6														
91.8	89.1	88.5	87.9	87.1	86.5													
98.4	81.8	81.2	80.6	80	79.4	78.6	78											
111.5		69.3	68.9	68.3	67.7	67.1	66.3	66.1	65.5	64.7								
124.6				59.2	58.8	58.2	57.4	57.2	56.6	55.8	55.2	55	54.3					
137.8					51.5	51.1	50.5	50.1	49.5	48.9	48.3	47.9	47.3	46.7	45.9	45.7		
150.9						45.1	44.6	44.4	43.8	43.2	42.6	42.4	41.8	41	40.4	40.2	39.6	38.8
164.0								39.6	39	38.4	37.8	37.6	37	36.4	35.6	35.4	34.8	34.3
177.1									35	34.5	33.9	33.7	33.1	32.5	31.7	31.7	30.9	30.3
190.2											30.5	30.3	29.7	28.9	28.3	27.7	26.9	
203.4												27.3	26.7	26.1	25.5	25.3	24.8	24.2
216.5													24.2	23.6	23	22.8	22.2	21.6
229.6															20.6	20.6	20	19.4
242.7																18.4	18	17.4
255.8																	16	15.6

Load capacities with 134 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
78.7	106.5	105.9																
85.3	96.4	95.8																
91.8	87.9	87.3	86.7	85.9	85.3													
98.4	80.6	80.2	79.6	78.8	78.2	77.4												
111.5		68.5	67.9	67.3	66.7	65.9	65.3	64.9	64.4									
124.6			58.8	58.4	57.8	57.2	56.6	56.2	55.6	54.8	54.3	54.1						
137.8					50.7	50.1	49.5	49.3	48.7	48.1	47.3	47.1	46.5	45.7	45.1			
150.9						44.4	44	43.8	43	42.4	41.8	41.6	40.8	40.2	39.6	39.4	38.6	38
164.0								39	38.4	37.8	37	36.8	36.2	35.6	34.8	34.7	34.1	33.5
177.1									34.5	33.9	33.3	33.1	32.3	31.7	31.1	30.9	30.3	29.5
190.2										30.3	29.7	29.1	28.3	27.7	27.5	26.9	26.3	
203.4												26.7	26.1	25.5	24.9	24.8	24.2	23.6
216.5													23.6	23	22.4	22.2	21.6	21
229.6														20.6	20.2	20	19.4	18.8
242.7																18	17.4	16.8
255.8																	15.6	15

Load capacities with 144 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
78.7	105.1																	
85.3	95.2	94.4	93.9															
91.8	86.9	86.1	85.5	84.7														
98.4	79.6	79	78.4	77.8	77	76.2												
111.5		67.5	67.1	66.3	65.7	64.9	64.4	64	63.4									
124.6			58.2	57.6	57	56.2	55.6	55.4	54.6	54.1	53.3	53.1						
137.8					50.1	49.5	48.7	48.5	47.9	47.1	46.5	46.3	45.5	44.9	44.2			
150.9						43.8	43.2	43	42.4	41.6	41	40.8	40.2	39.4	38.8	38.6	37.8	37.2
164.0							38.4	38.2	37.6	37	36.4	36.2	35.6	34.8	34.3	34.1	33.3	32.7
177.1									33.7	33.1	32.5	32.3	31.7	31.1	30.3	30.3	29.5	28.9
190.2										29.7	29.3	29.1	28.5	27.7	27.1	26.9	26.3	25.7
203.4											26.3	26.1	25.5	24.9	24.4	24.2	23.6	22.8
216.5													23	22.4	21.8	21.6	21	20.4
229.6														20.2	19.6	19.4	18.8	18.2
242.7																17.6	17	16.4
255.8																	15.2	14.7
269.0																		13.1

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 154 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
78.7	103.8																	
85.3	94.4	93.1																
91.8	85.5	84.9	84.2															
98.4	78.6	77.8	77.2	76.4	75.8													
111.5		66.5	65.9	65.3	64.5	64	63.2	63										
124.6			57.2	56.6	56	55.4	54.6	54.5	53.7	52.9	52.3							
137.8				49.7	49.1	48.5	47.9	47.7	46.9	46.3	45.5	45.3	44.6					
150.9						43	42.4	42.2	41.6	40.8	40.2	40	39.2	38.4	37.8	37.6	37	
164.0							37.8	37.6	37	36.2	35.6	35.4	34.8	34.1	33.5	33.3	32.5	31.9
177.1								33.7	33.1	32.5	31.9	31.7	30.9	30.3	29.7	29.5	28.7	28.1
190.2										29.1	28.5	28.3	27.7	27.1	26.3	26.3	25.5	24.9
203.4											25.7	25.5	24.9	24.4	23.6	22.8	22.2	22.2
216.5													22.4	21.8	21.2	21	20.4	19.8
229.6														19.6	19	19	18.2	17.6
242.7															17	17	16.4	15.8
255.8																	14.7	14.1
269.0																		12.5

Load capacities with 164 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
85.3	92.5	91.7																
91.8	84.2	83.6	82.8															
98.4	77.2	76.6	76	75.2														
111.5	65.9	65.5	64.9	64.2	63.6	62.8	62											
124.6			56.2	55.6	55	54.3	53.7	53.3	52.7	51.9								
137.8				48.9	48.3	47.7	46.9	46.7	45.9	45.3	44.6	44.4	43.6					
150.9					42.8	42.2	41.6	41.4	40.6	40	39.2	39	38.4	37.6	36.8	36.6		
164.0							37	36.8	36.2	35.4	34.8	34.7	33.9	33.3	32.5	32.3	31.7	30.9
177.1								32.9	32.3	31.7	31.1	30.9	30.3	29.5	28.9	28.7	27.9	27.3
190.2										28.5	33.9	27.7	27.1	26.3	25.7	25.5	24.9	24.2
203.4											25.1	24.9	24.4	23.6	23	22.8	22.2	21.6
216.5												22.4	21.8	21.2	20.6	20.4	19.8	19.2
229.6														19	18.4	18.4	17.6	17
242.7															16.6	16.4	15.8	15.2
255.8																14.7	14.3	13.5
269.0																		12.1

Load capacities with 174 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
85.3	90.9																	
91.8	82.8	82.2																
98.4	76	75.2	74.6	73.9														
111.5	64.9	64.4	63.8	63	62.4	61.6	60.8											
124.6		55.8	55.2	54.6	54.1	53.3	52.5	52.3	51.5	50.7								
137.8				47.9	47.3	46.7	45.9	45.7	44.9	44.4	43.6	43.4	42.6					
150.9					41.8	41.4	40.6	40.4	39.8	39	38.4	38	37.4	36.6	35.8	35.6		
164.0							36.2	36	35.4	34.7	34.1	33.7	33.1	32.3	31.7	31.5	30.7	30.1
177.1								32.3	31.7	30.9	30.3	30.1	29.5	28.7	28.1	27.9	27.1	26.5
190.2									28.3	27.7	27.1	26.9	26.3	25.5	24.9	24.8	24.2	23.4
203.4											24.4	24.2	23.6	23	22.4	22.2	21.4	20.8
216.5												21.8	21.2	20.6	20	19.8	19.2	18.4
229.6													19	18.4	17.8	17.6	17	16.4
242.7															16	15.8	15.2	14.7
255.8																14.3	13.7	13.1
269.0																		11.5

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 184 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
91.8	81.8	81																
98.4	75	74.3	73.5															
111.5	64.2	63.6	62.8	62	61.4	60.6												
124.6		55	54.5	53.9	53.1	52.5	51.7	51.3	50.7									
137.8				47.1	46.5	45.9	45.1	44.9	44.2	43.6	42.8	42.4						
150.9					41.2	40.6	40	39.8	39	38.2	37.6	37.4	36.6	35.8	35.2			
164.0							36	35.6	35.2	34.7	34.1	33.3	33.1	32.3	31.7	30.9	30.7	29.3
177.1									31.7	31.1	30.3	29.7	29.5	28.7	28.1	27.3	27.1	26.5
190.2										27.9	27.1	26.5	26.3	25.7	24.9	24.4	24.2	23.6
203.4											24.4	24	23.8	23	22.4	21.8	21.6	20.8
216.5													21.4	20.8	20	19.4	19.2	18.6
229.6														18.6	18	17.4	17.2	16.6
242.7																15.4	15.4	14.9
255.8																	13.7	13.1
269.0																		11.7

Load capacities with 194 ft main boom 76°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
91.8	80.2																	
98.4	73.7	72.9	72.1															
111.5	63	62.4	61.6	60.8	60	59.2												
124.6		54.1	53.5	52.7	52.1	51.3	50.5	50.3	49.5									
137.8			46.9	46.3	45.5	44.9	44.2	44	43.2	42.4	41.8	41.4						
150.9					40.4	39.8	39	38.8	38	37.4	36.6	36.4	35.6	34.8	34.1			
164.0						35.2	34.7	34.5	33.9	33.1	32.5	32.1	31.5	30.7	30.1	29.7	29.1	28.3
177.1							31.1	30.9	30.3	29.5	28.9	28.7	27.9	27.1	26.5	26.3	25.5	24.9
190.2									27.1	26.5	25.9	25.5	24.9	24.2	23.6	23.4	22.6	22
203.4										23.8	23.2	23	22.4	21.6	21	20.8	20.2	19.4
216.5													20.6	20	19.4	18.8	18.6	17.8
229.6														18	17.4	16.6	16.6	15.8
242.7															15.4	14.9	14.9	14.3
255.8																	13.3	13.3
269.0																		11.1
282.1																		9.1

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 66 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
78.7	109.5																	
85.3	99	98.4																
91.8	90.3	89.7	89.1															
98.4	82.8	82.4	81.8	81.2														
111.5			69.9	69.3	68.7	68.1												
124.6				60.2	59.6	59	58.4	58.2	57.6									
137.8					52.3	51.9	51.3	51.1	50.5	49.9	49.1							
150.9							45.3	45.1	44.6	44	43.4	43.2	42.6					
164.0								40.4	39.8	39.2	38.6	38.4	37.8	37.2	36.6			
177.1										35	34.7	34.5	33.9	33.1	32.5	32.3	31.7	
190.2											31.1	30.9	30.3	29.7	29.1	28.9	28.3	27.7
203.4												27.9	27.3	26.7	26.1	25.9	25.3	24.8
216.5														24.2	23.6	23.4	22.8	22.2
229.6															21.2	21.2	20.6	20
242.7																19	18.4	17.8
255.8																		16

Load capacities with 75 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
85.3	97.4																	
91.8	88.9	88.3																
98.4	81.4	81	80.4															
111.5		69.1	68.7	68.1	67.5	66.7												
124.6				59	58.6	57.8	57.2	57										
137.8					51.3	50.9	50.3	49.9	49.3	48.7								
150.9						44.9	44.6	44.2	43.6	43	42.4	42.2						
164.0								39.4	38.8	38.2	37.6	37.4	36.8	36.2				
177.1									34.8	34.3	33.7	33.5	32.9	32.3	31.7	31.5	30.9	
190.2										30.7	30.3	30.1	29.5	28.9	28.3	28.1	27.5	26.7
203.4												27.1	26.5	25.9	25.3	25.1	24.6	24
216.5													24	23.4	22.8	22.6	22	21.4
229.6															20.6	20.4	19.8	19.2
242.7																18.4	17.8	17.2
255.8																	16	15.4

Load capacities with 85 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
91.8	87.3	86.7																
98.4	80.2	79.6	78.8															
111.5		67.9	67.3	66.7	66.1													
124.6			58.4	57.8	57.4	56.6	56											
137.8					50.3	49.7	49.1	48.9	48.1									
150.9						44	43.4	43.2	42.6	42	41.4	41						
164.0							38.6	38.6	38	37.2	37	36.4	35.8	35				
177.1									34.1	33.5	32.9	32.5	31.9	31.3	30.7	30.5		
190.2										29.9	29.5	29.3	28.7	27.9	27.3	27.1	26.5	25.9
203.4											26.5	26.3	25.7	25.1	24.6	24.4	23.8	23
216.5													23.2	22.6	22	21.8	21.2	20.6
229.6														20.4	19.8	19.6	19	18.4
242.7																17.6	17	16.4
255.8																	15.4	14.9
269.0																		13.3

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 95 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
91.8	85.7																	
98.4	78.6	78																
111.5	67.1	66.5	65.9	65.3														
124.6			57.2	56.6	56	55.4												
137.8				49.7	49.1	48.5	47.9	47.7	46.9									
150.9					43.6	43	42.4	42.2	41.6	40.8	40.2							
164.0							37.8	37.6	37	36.2	35.6	35.4	34.7					
177.1								33.7	33.1	32.5	31.9	31.7	30.9	30.3	29.5			
190.2										29.1	28.5	28.3	27.7	26.9	26.3	26.1	25.5	24.9
203.4											25.7	25.5	24.9	24.2	23.6	23.4	22.8	22.2
216.5												23	22.4	21.8	21.2	21	20.4	19.8
229.6														19.6	19	18.8	18.2	17.6
242.7															17	17	16.4	15.8
255.8																	14.7	14.1
269.0																		12.5

Load capacities with 105 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
98.4	77																	
111.5	65.9	65.3	64.5	64														
124.6		56.6	56	55.4	54.8	54.1												
137.8				48.7	48.1	47.3	46.7	46.3										
150.9					42.6	42	41.4	41	40.4	39.6								
164.0						37.2	36.8	36.6	35.8	35.2	34.7	34.3						
177.1								32.7	32.1	31.5	30.9	30.7	29.9	29.3	28.5			
190.2									28.9	28.3	27.7	27.5	26.7	26.1	25.3	25.1	24.6	
203.4											24.9	24.8	24.2	23.4	22.8	22.6	22	21.2
216.5												22.2	21.6	21	20.4	20.2	19.6	18.8
229.6													19.4	18.8	18.2	18	17.4	16.8
242.7															16.4	16.2	15.6	15
255.8																14.5	14.1	13.3
269.0																	12.5	11.9

Load capacities with 115 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
98.4	75.4																	
111.5	64.5	63.8	63.2															
124.6		55.4	54.8	54.1	53.5													
137.8			48.1	47.5	46.9	46.1	45.5											
150.9					41.4	40.7	40.2	39.8	39.2									
164.0						36.4	35.8	35.4	34.8	34.1	33.5	33.3						
177.1							31.9	31.9	31.1	30.5	29.9	29.5	28.9	28.1				
190.2									27.9	27.3	26.7	26.5	25.7	25.1	24.4	24.2		
203.4										24.6	24	23.8	23.2	22.4	21.8	21.6	21	20.2
216.5												21.4	20.8	20.2	19.4	19.2	18.6	18
229.6													18.8	18	17.4	17.2	16.6	16
242.7														16.2	15.6	15.4	14.9	14.3
255.8																13.9	13.3	12.7
269.0																	11.7	11.1
282.1																		9.7

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 125 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
111.5	63	62.2																
124.6	54.5	54.1	53.5	52.7														
137.8			46.9	46.1	45.5	44.7	44.2											
150.9				40.8	40.2	39.6	39	38.6	37.8									
164.0						35.2	34.7	34.5	33.7	32.9	32.3							
177.1							30.9	30.7	30.1	29.3	28.7	28.5	27.7					
190.2								27.5	26.9	26.3	25.7	25.3	24.8	24	23.4	23.2		
203.4										23.8	23	22.8	22.2	21.4	20.8	20.6	19.8	19.2
216.5											20.8	20.6	19.8	19.2	18.6	18.4	17.6	17
229.6												18.5	17.8	17.2	16.6	16.4	15.6	15
242.7														15.4	14.9	14.7	14.1	13.3
255.8															13.3	13.1	12.5	11.7
269.0																	10.9	10.3
282.1																		9.1

Load capacities with 134 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
111.5	61.4	60.6																
124.6	53.3	52.5	51.9	51.1														
137.8		46.1	45.5	44.7	44.2	43.4												
150.9				39.6	39	38.2	37.6	37.2										
164.0					34.7	34.1	33.5	33.1	32.5	31.7								
177.1							29.9	29.7	28.9	28.3	27.5	27.3	26.5					
190.2								26.5	25.9	25.3	24.6	24.4	23.6	23	22.2			
203.4									23.4	22.8	22	21.8	21.2	20.4	19.8	19.4	18.8	
216.5											19.8	19.6	19	18.2	17.6	17.4	16.6	16
229.6												17.6	17	16.2	15.6	15.4	14.9	14.1
242.7														15.2	14.5	13.9	13.7	12.5
255.8															12.3	12.3	11.5	10.9
269.0																10.9	10.1	9.5
282.1																		8.3

Load capacities with 144 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
111.5	59.8																	
124.6	51.9	51.3	50.5															
137.8		44.9	44.4	43.6	42.8													
150.9			39.2	38.6	37.8	37	36.4	36										
164.0					33.7	33.1	32.3	32.1	31.3	30.5								
177.1						29.5	28.9	28.5	27.9	27.1	26.5	26.1						
190.2								25.7	24.9	24.4	23.6	23.4	22.6	21.8				
203.4									22.4	21.8	21.2	20.8	20.2	19.4	18.8	18.4		
216.5										19.6	19	18.6	18	17.2	16.6	16.4	15.6	15
229.6												16.8	16	15.4	14.9	14.5	13.9	13.1
242.7														14.5	13.7	13.1	12.9	11.5
255.8														12.3	11.7	11.5	10.7	10.1
269.0																10.1	9.5	8.7
282.1																	8.1	7.5

Load capacities with 154 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
124.6	50.3	49.5																
137.8		43.6	42.8	42														
150.9			37.8	37.2	36.4	35.6	34.8											
164.0				33.1	32.5	31.7	31.1	30.7	29.9									
177.1						28.3	27.7	27.3	26.7	25.9	25.1							
190.2							24.8	24.6	24	23.2	22.4	22.2	21.4					
203.4								22	21.4	20.8	20	19.8	19	18.2	17.6	17.4		
216.5										18.6	18	17.6	17	16.2	15.6	15.2	14.7	13.9
229.6											16	15.8	15.2	14.5	13.9	13.5	12.9	12.1
242.7													13.5	12.9	12.1	11.9	11.3	10.5
255.8														11.3	10.7	10.5	9.9	9.1
269.0															9.3	9.3	8.5	7.9
282.1																	7.3	6.7
295.2																		5.7

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 284+88 klbs

Load capacities with 164 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
124.6	48.7	47.9																
137.8	42.8	42	41.4	40.4														
150.9			36.6	35.8	35	34.3												
164.0				31.9	31.1	30.5	29.7	29.3	28.5									
177.1					27.9	27.1	26.5	26.1	25.3	24.6	24							
190.2							23.8	23.4	22.8	22	21.2	21	20.2					
203.4								21	20.4	19.6	19	18.6	18	17.2	16.4			
216.5									18.2	17.6	16.8	16.6	15.8	15.2	14.5	14.3	13.5	
229.6											15	14.9	14.3	13.5	12.7	12.5	11.9	11.1
242.7												13.3	12.7	11.9	11.3	10.9	10.3	9.5
255.8														10.5	9.9	9.7	8.9	8.3
269.0															8.5	8.3	7.7	6.9
282.1																7.1	6.5	5.9
295.2																		5

Load capacities with 174 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
124.6	46.9																	
137.8	41.2	40.4	39.8															
150.9		35.8	35	34.3	33.5													
164.0				30.5	29.9	29.1	28.3	27.9										
177.1					26.5	25.9	25.1	24.9	24.2	23.4								
190.2						23.2	22.6	22.2	21.6	20.8								
203.4								20	19.2	18.4	17.8	17.4	16.8	16				
216.5									17.2	16.4	15.8	15.6	14.9	14.1	13.3	13.1	12.3	
229.6										14.7	14.1	13.9	13.1	12.5	11.7	11.5	10.7	9.9
242.7												12.3	11.7	10.9	10.3	9.9	9.3	8.5
255.8													10.3	9.5	8.9	8.7	7.9	7.3
269.0															7.7	7.5	6.7	6.1
282.1																6.3	5.7	5
295.2																	4.8	4.2

Load capacities with 184 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
137.8	40	39.2																
150.9		34.8	34.1	33.3	32.5													
164.0			30.3	29.5	28.7	27.9	27.1											
177.1				26.3	25.7	24.9	24.2	24	23.2									
190.2						22.4	21.6	21.4	20.6	19.8	19							
203.4							19.4	19	18.4	17.6	16.8	16.6	15.8	15				
216.5									16.4	15.6	15	14.7	13.9	13.3	12.5	12.1		
229.6										14.1	13.3	13.1	12.3	11.5	10.9	10.5	9.9	9.1
242.7											11.7	11.5	10.9	10.1	9.3	9.1	8.5	7.7
255.8													9.5	8.7	8.1	7.9	7.1	6.5
269.0														7.5	6.9	6.7	6.1	5.3
282.1															6.2	5.7	5	4.4
295.2																	4.2	3.4
308.3																		2.6

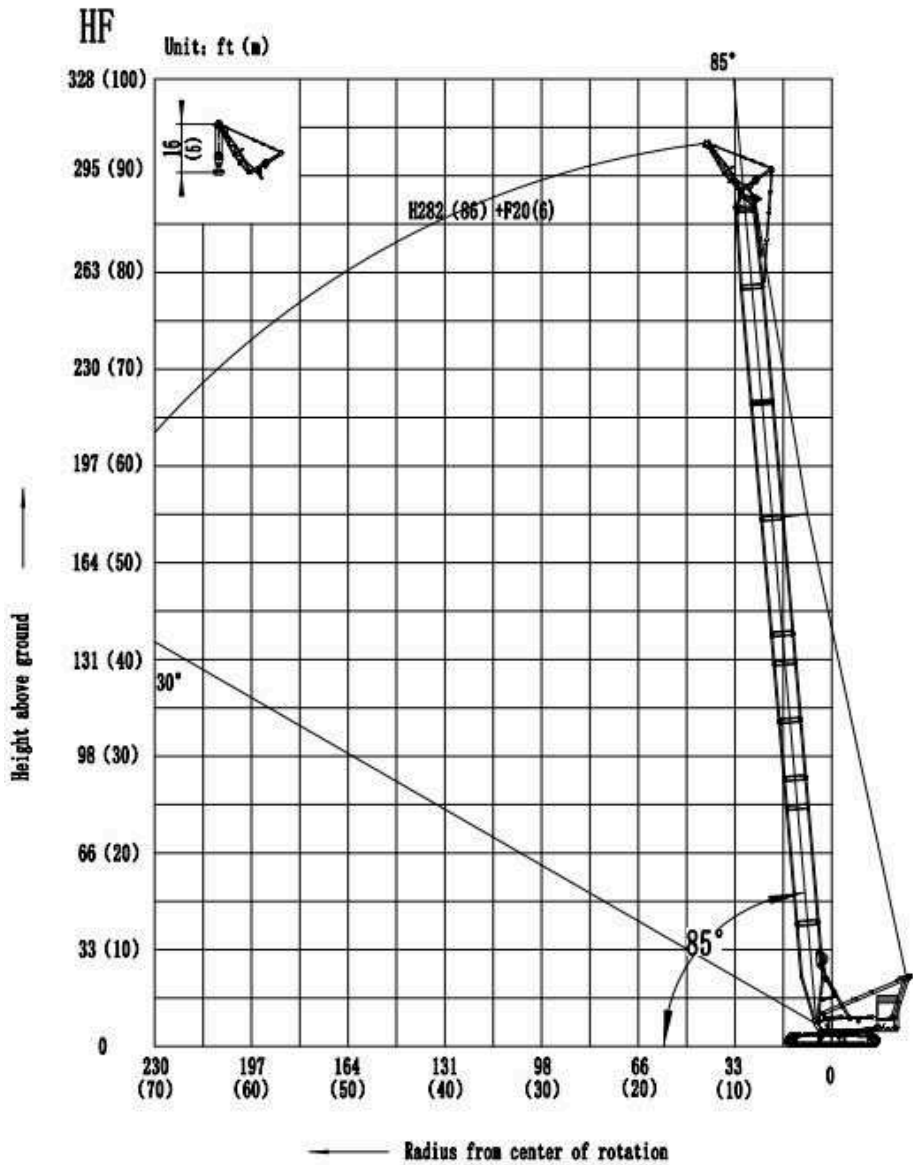
Load capacities with 194 ft main boom 66°

Radius (ft)	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	138 ft	148 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	217 ft	226 ft	236 ft
137.8	38.4	37.6																
150.9	33.9	33.3	32.5	31.7														
164.0			28.9	28.1	27.3	26.5												
177.1				25.1	24.4	23.6	22.8	22.6										
190.2					21.8	21.2	20.4	20	19.2	18.4	17.6							
203.4							18.2	17.8	17.2	16.4	15.6	15.2	14.5					
216.5								16	15.2	14.7	13.9	13.5	12.9	12.1	11.3			
229.6										12.9	12.3	11.9	11.3	10.5	9.7	9.5	8.7	7.9
242.7											10.7	10.5	9.9	9.1	8.3	8.1	7.3	6.5
255.8												9.3	8.5	7.9	7.1	6.9	6.1	5.3
269.0														6.7	5.9	5.7	5.1	4.4
282.1															5	4.8	4.2	3.4
295.2																3.8	3.2	2.6
308.3																		1.8

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

WIND JIB

Main boom + wind jib | CW 284+88 klbs



Boom configuration

Section	280 ft
Boom foot	1
10 ft insert	1
20 ft insert	1
40 ft insert	4
Boom head	1

WIND JIB — LOAD CAPACITIES

Main boom + wind jib | CW 284+88 klbs

Load capacities with 282 ft main boom

Radius (ft)	20 ft
27.9	176
29.5	171.6
32.8	167.9
39.4	161.7
45.9	156
52.5	146.5
59.0	137.3
65.6	123.4
72.2	113.3
78.7	103.8
85.3	93.5
91.8	82.9
98.4	74.1
111.5	59.8
124.6	48.8
137.8	40
150.9	32.8
164.0	27.1
177.1	22
190.2	17.8
203.4	14.1
216.5	10.8

Values are nominal load chart capacities. Always verify against the active operation manual for the lift duty.

HOOK BLOCKS

Interchangeable lift configurations



1-SHEAVE HOOK

Capacity 110,000 lbs

Whip-line and light-pick configuration.



3-SHEAVE HOOK

Capacity 220,000 lbs

General-purpose mid-capacity hook block.



DOUBLE 2-SHEAVE HOOK

Capacity 264,000 lbs

Twin-line picks; common on luffing-jib work.



5-SHEAVE HOOK

Capacity 352,000 lbs

Maximum-capacity hook for full-rated lifts.

TRANSPORT PLAN & WEIGHTS

Reference load-out · weights per truck

Transport Items	Gross Weight		Number of Loads													
	Lbs	Kgs	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
Crane body, excl. live mast, W1 + W2, incl. wire rope	102,495	46,490	1													
Live mast	11,905	5,400	1													
Track frame, left	51,809	23,500		1												
Track frame, right	51,809	23,500			1											
Base plate with self-assembly cylinder	33,000	14,970				1										
Wing counterweight A	20,900	9,480					1									
Wing counterweight A	20,900	9,480					1									
Wing counterweight A	20,900	9,480						1								
Wing counterweight A	20,900	9,480						1								
Center counterweight A	20,900	9,480							1							
Wing counterweight A	20,900	9,480							1							
Wing counterweight B	20,900	9,480								1						
Wing counterweight B	20,900	9,480								1						
Wing counterweight B	20,900	9,480									1					
Wing counterweight B	20,900	9,480									1					
Wing counterweight B	20,900	9,480										1				
Wing counterweight B	20,900	9,480										1				
Carbody counterweight A1 (front side)	27,500	12,470											1			
Carbody counterweight A2 (front side)	16,500	7,480											1			
Carbody counterweight B1 (rear side)	27,500	12,470												1		
Carbody counterweight B2 (rear side)	16,500	7,480													1	
Main boom foot 2722.01 (excl. W3 + W4) (33 ft)	12,100	5,490				1										
Main boom insert section, 10 ft	2,640	1,200					1									
Main boom insert section, 20 ft	4,400	2,000						1								
Main boom insert section, 40 ft (×2)	7,040	3,190											1	1		
Main boom head (34 ft)	11,660	5,290														1
Hook block, 1-sheave (full weights)	1,210	550														1
Hook block, 3-sheave (full weights)	6,600	2,990														1
Auxiliary short jib	770	350														1
Luffing jib 1815.01 boom foot with strut	17,600	7,980														
Luffing jib 1815.01 insert section, 10 ft (w/ pendants)	1,540	700														
Luffing jib 1815.01 insert section, 20 ft (w/ pendants)	2,420	1,100														
Luffing jib 1815.01 insert section, 40 ft (w/ pendants)	3,960	1,800														
Luffing jib 1815.01 boom head (w/ pendants)	4,400	2,000														

Shipping weight per load

#1 114,400 lbs 51,890 kg	#2 53,900 lbs 24,450 kg	#3 53,900 lbs 24,450 kg	#4 45,100 lbs 20,460 kg	#5 44,440 lbs 20,160 kg	#6 46,200 lbs 20,960 kg	#7 41,800 lbs 18,960 kg
#8 41,800 lbs 18,960 kg	#9 41,800 lbs 18,960 kg	#10 41,800 lbs 18,960 kg	#11 44,000 lbs 19,960 kg	#12 34,540 lbs 15,670 kg	#13 23,540 lbs 10,680 kg	#14 24,310 lbs 11,030 kg

Weights and dimensions may vary from the values shown. With the exception of the crane body and the track frames, all truck loads are maximum 48,000 lbs (21,772 kg), 8.5 ft wide and 8.5 ft load height on a 48 ft flat-bed trailer. Local state-law variations may apply.

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