PVE AMERICAN CC330-1

Hydraulic Crawler Crane

LOAD CHART

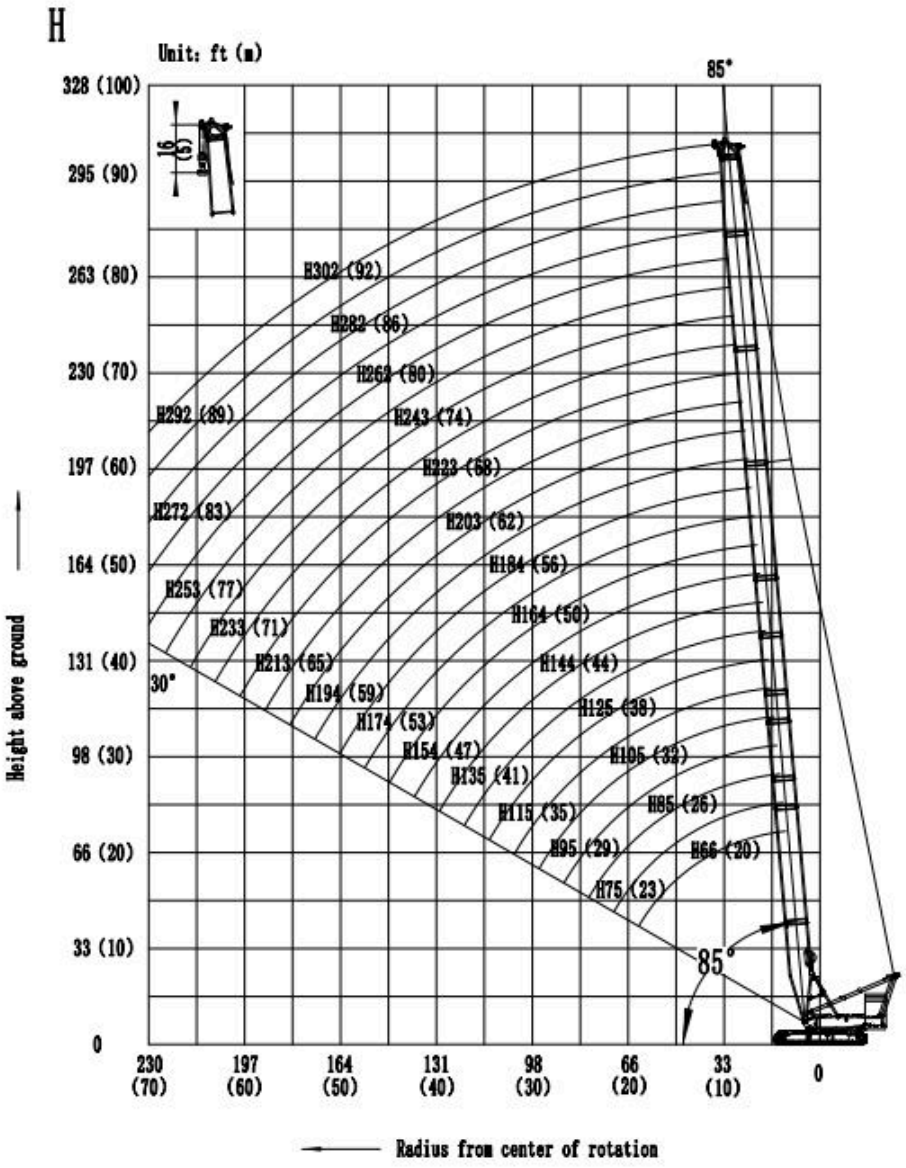
ENGLISH

IMPERIAL

Complies with ANSI / ASME B30.5

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

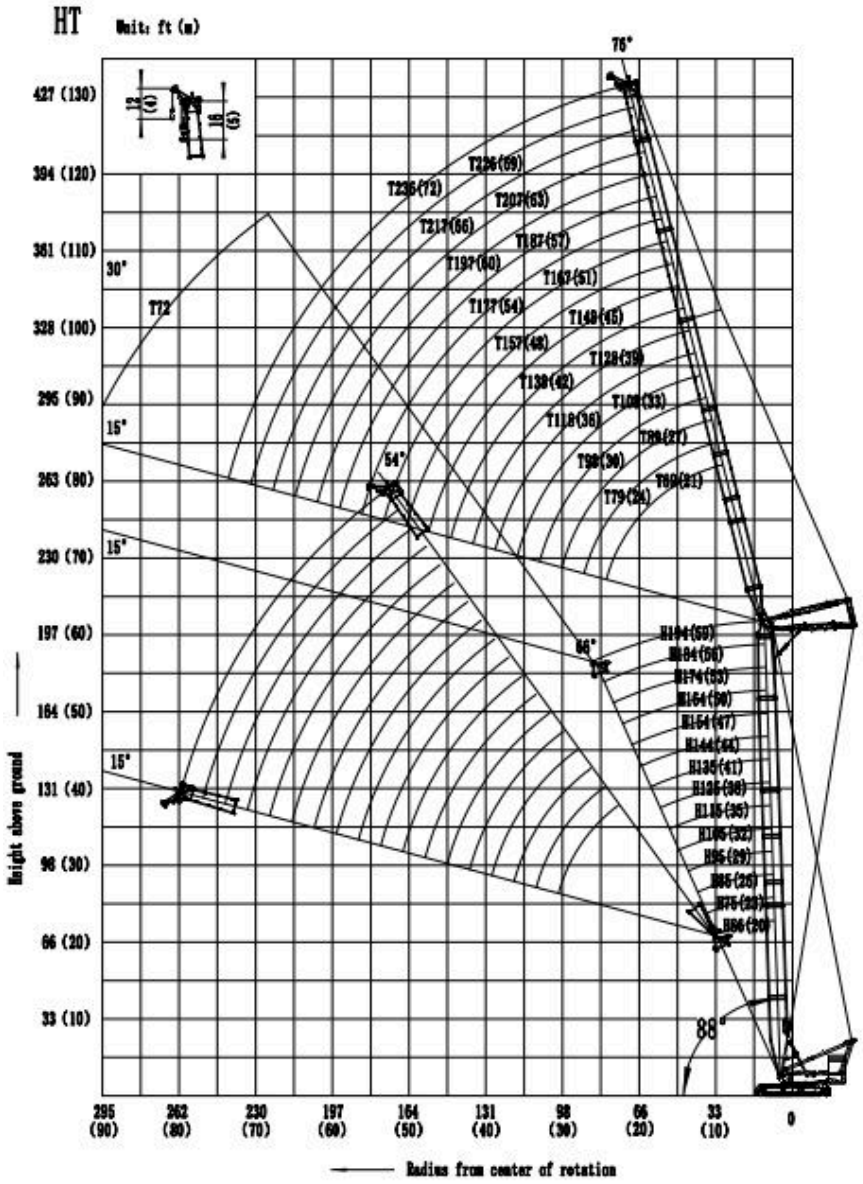
Lifting capacity (lbs × 1,000) by working radius

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	74.8
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	72.4
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	66.5
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	58.1
124.6							61.6	60.1	59.7	59.3	58.9	58.4	57.6	56.9	56.1	55.3	54.6	53.8
137.8								53.3	53.1	52.7	52.3	51.9	51.3	50.7	50.1	49.6	49	48.4
150.9									41.9	41.5	41.1	40.7	40.3	40	39.6	39.2	38.8	38.4
164.0											37.3	36.9	36.5	36.1	35.7	35.3	35	34.6
177.1												33.8	33.4	33	32.6	32.3	31.9	31.5
190.2													29.8	29.4	29	28.6	28.2	27.8
203.4															25.7	25.3	25	24.6
216.5																22.5	22.1	21.7
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	98.3	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	82.5	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	78.2	76.3	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	74	72.6	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	67.6	66.5	65.3
111.5					70.6	70	69.4	68.8	68	67.1	66.1	65.1	64.2	63.2	62.3	61.3	60.3	59.4
124.6						61.6	60.7	59.9	59.5	59.1	58.4	57.6	56.9	56.1	55.3	54.6	53.8	53
137.8								53.1	52.7	52.5	52.1	51.5	50.9	50.3	49.8	49.2	48.6	48
150.9									41.9	41.5	41.1	40.7	40.3	40	39.6	39.2	38.8	38.4
164.0											37.1	36.7	36.3	35.9	35.5	35.1	34.8	34.4
177.1												33.6	33.2	32.8	32.5	32.1	31.7	31.3
190.2													29.6	29.2	28.8	28.4	28	27.6
203.4															25.5	25.2	24.8	24.4
216.5																22.5	22.1	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

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	34.2	33.8
177.1												33.2	32.8	32.5	32.1	31.7	31.3	30.9
190.2													29.2	28.8	28.4	28	27.6	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	45.7	45.1
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

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	77.2	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	70.3	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	64.8	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	59.8	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	53	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	44.7	42.2
137.8								50.3	49.8	49.2	48.6	48	47.4	46.9	46.3	45.7	44	40.3
150.9									40.7	40.3	40	39.6	39.2	38.8	38.4	38	37.6	37.3
164.0										36.5	36.1	35.7	35.3	35	34.6	34.2	33.8	33.4
177.1												32.6	32.3	31.9	31.5	31.1	30.7	30.3
190.2													28.8	28.4	28	27.6	27.3	26.9
203.4															24.8	24.4	24	23.6
216.5																21.7	21.3	20.9
229.6																	18.8	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	91.6	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	83.8	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	79	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	70.2	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	62.5	62.3
137.8								63.6	63.1	62.7	62.3	62.3	61.9	61.3	60.7	60	59.4	58.1
150.9									50.8	50.4	50	49.8	49.3	48.7	48.3	47.8	47.4	46.8
164.0											45.5	45.3	44.9	44.2	43.8	43.4	42.9	42.3
177.1												42.1	41.7	41	40.6	40.2	39.7	39.1
190.2													37.4	36.7	36.3	35.9	35.5	34.8
203.4															32.7	32.3	31.8	31.2
216.5																29.3	28.8	28.2
229.6																	25.8	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	114.7	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	28.4	28
229.6																	25.6	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	66.2
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	57.6
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	52.4
137.8							62.8	62.2	61.5	60.9	60.2	59.6	59	58.3	57.7	56.1	53.5	50.8
150.9									49.8	49.3	48.9	48.5	48.1	47.6	47.2	46.8	46.3	45.9
164.0										44.9	44.4	44	43.6	43.1	42.7	42.3	41.9	41.4
177.1												40.8	40.4	39.9	39.5	39.1	38.7	38.2
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																		22.2

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	45.5
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	34	32.8
203.4														31.6	31.2	30.8	30.3	29.9
216.5															28.2	27.8	27.3	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	30.1	29.7
216.5															28	27.6	27.1	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	50.6	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	46	42.2
137.8							58.5	57.9	57.2	56.6	56	55.3	54.7	54	53.4	46.2	42.7	40.5
150.9								48.5	48.1	47.6	47.2	46.8	46.3	45.9	45.5	44	41.1	38.5
164.0										43.4	42.9	42.5	42.1	41.7	41.2	40.8	39.2	36.3
177.1											39.9	39.5	39.1	38.7	38.2	37.8	37.4	33.4
190.2												35.5	35	34.6	34.2	33.7	33.3	29.9
203.4														31.2	30.8	30.3	29.9	27.9
216.5															27.8	27.3	26.9	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	58.3	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	49.5	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	44.9	41.4
137.8							55.3	54.9	54.5	54	53.6	53.2	52.8	52.3	51.9	44.2	41.6	39.6
150.9								48.3	47.8	47.4	47	46.6	46.1	45.7	45.3	42.7	40	37.6
164.0										43.1	42.7	42.3	41.9	41.4	41	40.6	38.1	35.4
177.1											39.5	39.1	38.7	38.2	37.8	37.4	37	32.6
190.2												35.2	34.8	34.4	34	33.5	33.1	29
203.4														31	30.5	30.1	29.7	27.1
216.5															27.6	27.1	26.7	24.2
229.6																24.3	23.9	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	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	29.7	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	30.1	29.3
177.1								31.7	31.1	30.3	29.7	29.5	28.7	28.1	27.3	27.1	26.5	25.7
190.2									27.9	27.1	26.5	26.3	25.7	24.9	24.4	24.2	23.6	22.8
203.4										24.4	24	23.8	23	22.4	21.8	21.6	20.8	20.2
216.5												21.4	20.8	20	19.4	19.2	18.6	17.8
229.6													18.6	18	17.4	17.2	16.6	15.8
242.7															15.4	15.4	14.9	14.1
255.8																13.7	13.1	12.5
269.0																	11.7	11.1

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	17.2
229.6													18	17.4	16.6	16.6	15.8	15.2
242.7														15.4	14.9	14.9	14.3	13.5
255.8																13.3	13.3	11.9
269.0																	11.1	10.5
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	13.1	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	12.3	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	20	19.6						
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

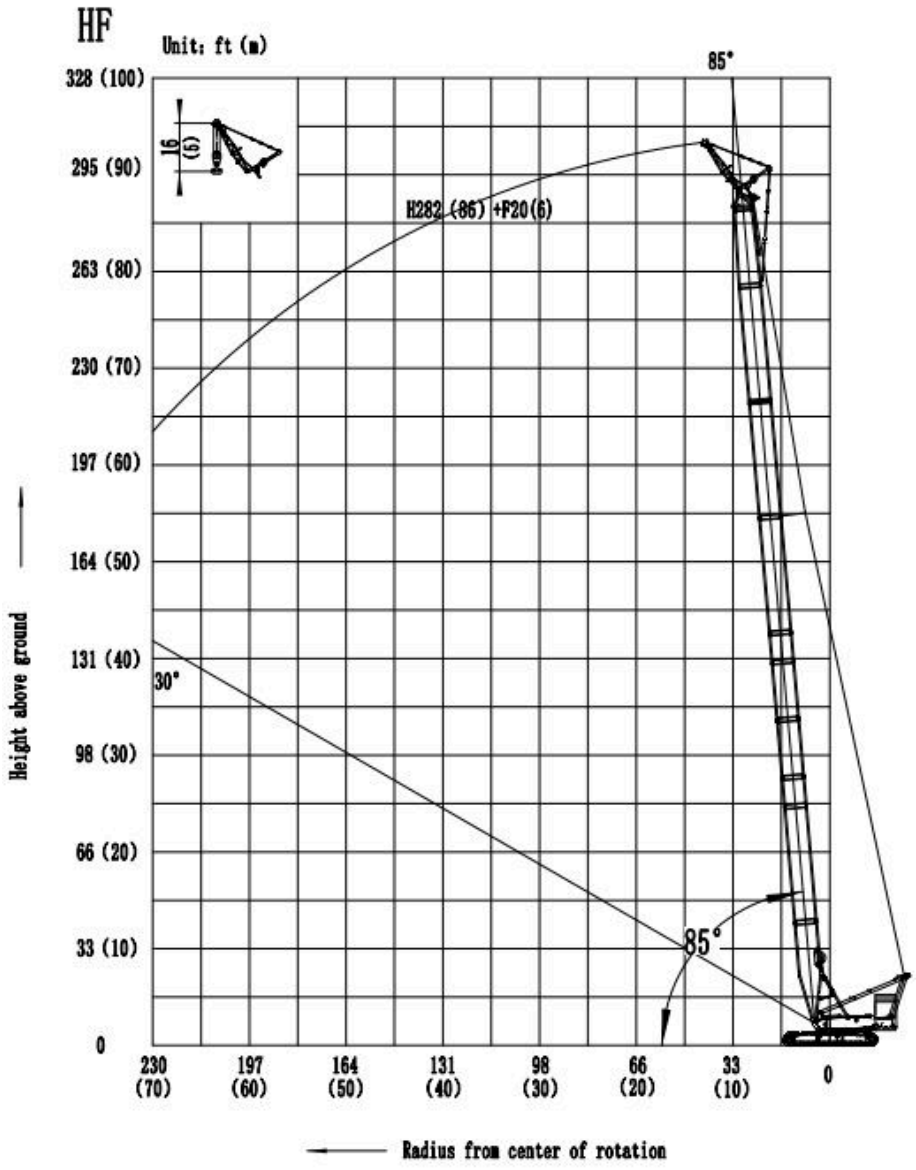
Load capacities with 194 ft main boom 66°

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.