

PVE AMERICAN CC200-1



Hydraulic Crawler Crane

LOAD CHART

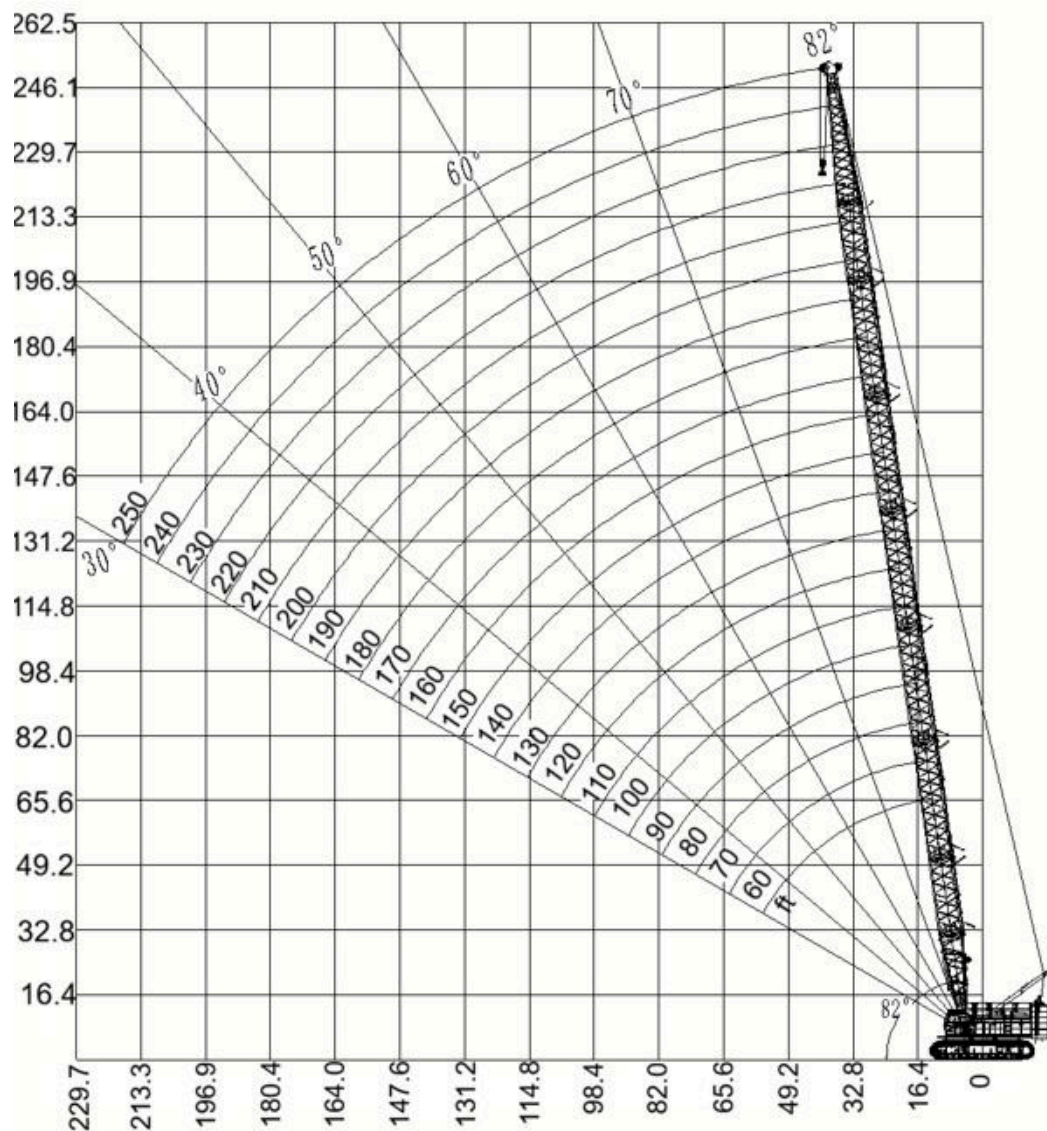
ENGLISH

IMPERIAL

Complies with ANSI / ASME B30.5

MAIN BOOM

Main boom 30°–82°, 59–200 ft | CW 145+44 lbs



Boom configuration

Section	60 ft	70 ft	80 ft	90 ft	100 ft	110 ft	120 ft	130 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
10 ft insert		1				1		1		1						1		1
20 ft insert			1				1				1		1				1	1
30 ft insert A				1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
30 ft insert B									1	1	1	2	2	3	3	3	3	3
Boom head	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°, 59–200 ft | CW 145+44 lbs

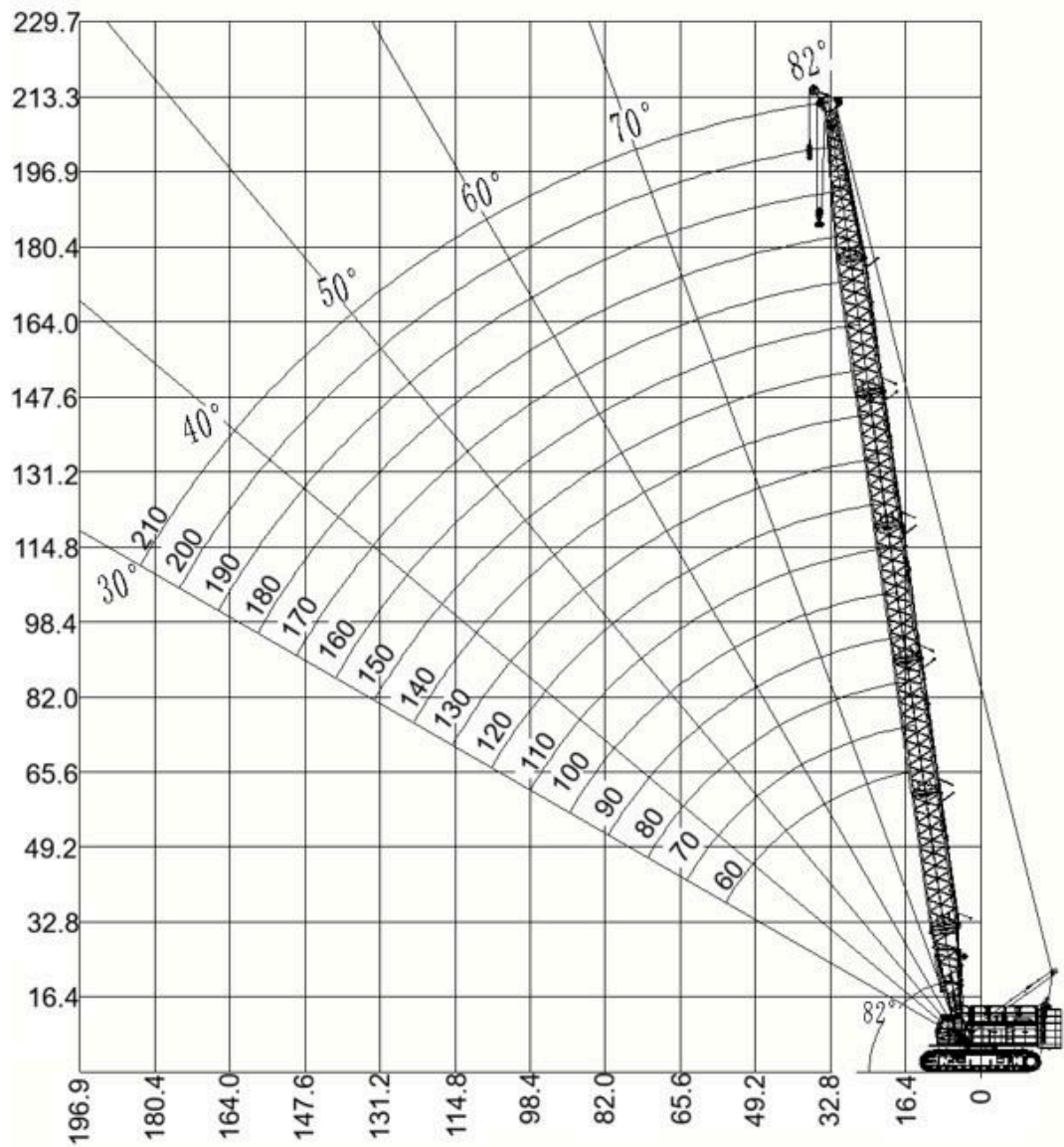
Lifting capacity (lbs × 1,000) by working radius

Radius (ft)	59 ft	69 ft	79 ft	89 ft	98 ft	108 ft	118 ft	128 ft	157 ft	167 ft	177 ft	187 ft	197 ft	207 ft	216 ft	226 ft	236 ft	246 ft
16.1	352																	
16.4	345.4																	
18.0	330	332.2																
19.7	303.6	301.4	301.4															
21.3	280.6	279.9	279.4	276.7														
23.0	261.3	260.6	260.1	253.8	244.4													
24.6	244.4	243.7	243.1	234.4	226.6	218.2												
26.2	229.5	228.8	225.3	217.5	210.8	204.3												
29.5	202.3	201.1	197.3	190.1	184.6	179.6	174.5	169.3										
32.8	179.3	178.4	175.1	168.5	164.1	159.9	155.7	151.3										
36.1	156.6	156	155.6	151.2	147.4	143.9	140.3	136.5	127.4	122.1								
39.4	138.9	138.5	137.9	136.9	133.7	130.7	127.6	124.2	116.3	114	110	100						
42.6	124.5	124.1	123.7	122.9	122.2	119.5	116.8	113.8	106.8	104.8	102.2	96.8	86.3	85.9				
45.9	112.8	112.3	111.9	111.3	110.8	110	107.5	104.8	98.6	96.8	94.5	93	83.6	83.3	83.1	71.5		
49.2	102.9	102.4	102	101.3	101.1	100.7	99.6	97	91.4	89.8	87.7	86.3	81	80.9	80.6	69.4	62.4	25.4
52.5	94.6	94	93.6	92.9	92.6	92.4	91.8	90.2	85.1	83.7	81.7	80.5	78.6	76.9	75.3	67.4	60.5	24.7
59.0		80.6	80.2	79.5	79	78.7	78.3	77.5	74.5	73.3	71.5	70.5	69.1	67.4	66	63.6	57.1	23.2
65.6			69.9	69.2	68.8	68.5	68	67.1	66	64.9	63.3	62.5	61.2	59.7	58.4	57.7	54	21.9
72.2			61.9	61.1	60.6	60.3	59.8	59	58	57.9	56.5	55.8	54.6	53.2	52.1	51.5	50.1	20.8
78.7				54.5	54	53.7	53.1	52.3	51.3	51.1	50.5	50.2	49.1	47.8	46.8	46.2	44.9	19.7
85.3					48.6	48.2	47.6	46.8	45.8	45.6	45	44.9	44.4	43.1	42.2	41.7	40.5	17.8
91.8						43.7	43	42.2	41.1	41	40.3	40.3	39.8	39.1	38.2	37.8	36.6	16.1
98.4							39.8	39.1	38.3	37.2	37	36.3	36.2	35.8	35.1	34.7	34.3	14.6
105.0								35.8	34.9	33.7	33.5	32.8	32.8	32.3	31.7	31.3	31.2	13.2
111.5								32.1	30.8	30.6	29.9	29.8	29.3	28.6	28.2	28.2	27.5	12
118.1									28.2	28	27.2	27.1	26.7	26	25.6	25.5	24.9	11
124.6									25.9	25.6	24.9	24.8	24.3	23.7	23.2	23.2	22.5	9.9
131.2									23.9	23.6	22.9	22.7	22.3	21.6	21.2	21.1	20.4	9
137.8									22.1	21.8	21	20.9	20.4	19.7	19.3	19.2	18.5	8.1
144.3										20.1	19.4	19.2	18.7	18	17.6	17.5	16.8	7.3
150.9											17.9	17.7	17.2	16.5	16.1	16	15.3	6.6
157.4												16.6	16.4	15.9	15.1	14.7	14.6	6
164.0													15.1	14.6	13.9	13.4	13.3	5.4
170.6														13.5	12.7	12.3	12.1	4.9
177.1															11.7	11.3	11	4.4
183.7																10.8	10.3	3.9
190.2																	9.4	3.5
196.8																	8.3	3.1
203.4																		2.8
209.9																		2.5
216.5																		2.2
223.0																		2.1

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

RUNNER

Main boom + runner | CW 145+44 lbs



Boom configuration

Section	60 ft	70 ft	80 ft	90 ft	100 ft	110 ft	120 ft	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft	200 ft	210 ft
Boom foot	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 ft insert		1				1		1				1				
20 ft insert			1				1		1				1		1	
30 ft insert A				1	1	1	1	2	2		2	2	2	2	2	2
30 ft insert B										1	1	1	1	2	2	3
Boom head	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

RUNNER — LOAD CAPACITIES

Main boom + runner | CW 145+44 lbs

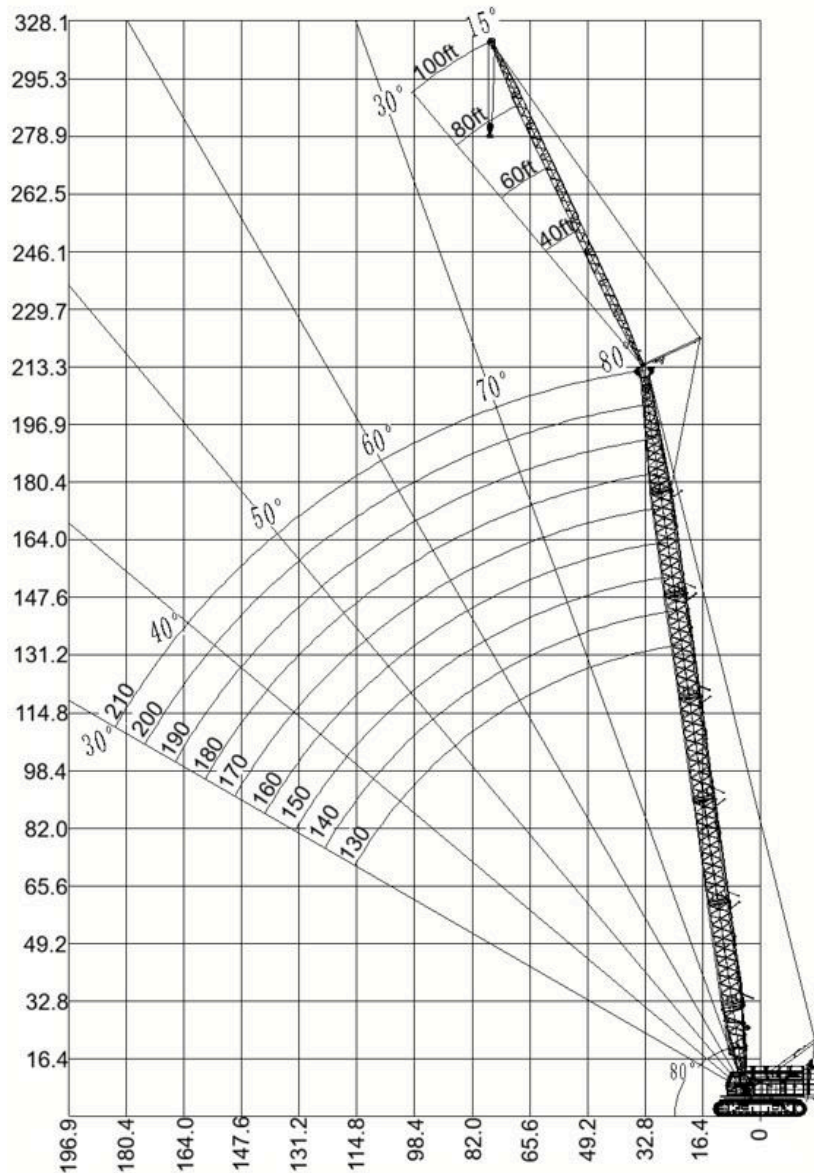
Lifting capacity (lbs × 1,000) by working radius

Radius (ft)	59 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
19.7	27.5	27.5	27.5													
23.0	27.5	27.5	27.5	27.5	27.5											
26.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5									
29.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5						
32.8	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5				
39.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
45.9	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
52.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
59.0	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
65.6		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
72.2			27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
78.7				27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
85.3				27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
91.8					27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
98.4						27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
105.0							27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
111.5							27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
118.1								27.5	27.5	27.5	27.3	26.4	26.4	26.2	25.7	25.3
124.6									26	25.5	25.1	24.2	24.2	24	23.5	23.1
131.2										23.5	23.1	22.4	22.4	22	21.6	21.1
137.8											21.3	20.7	21.1	20.2	20	19.4
144.3												19.8	19.1	19.1	18.7	17.8
150.9													17.6	17.6	17.2	16.9
157.4														16.3	15.8	15.6
164.0															14.7	14.5
170.6															13.6	13.4
177.1																12.3
183.7																11.9
																10.8

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

FIXED JIB 15°

Main boom + fixed jib at 15° | CW 145+44 lbs



Boom configuration

Section	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft	200 ft	210 ft
Boom foot	1	1	1	1	1	1	1	1	1
10 ft insert					1			1	
20 ft insert		1	1			1			1
30 ft insert A	2	2	2	2	2	2	2	2	2
30 ft insert B				1	1	1	2	2	2
Boom head	1	1	1	1	1	1	1	1	1

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 128 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
39.4	46			
45.9	46			
52.5	46	42		
59.0	45	41	29	
65.6	45	39	29	19
72.2	46	37	29	18
78.7	42	36	27	18
85.3	37	32	25	17
91.8	34	31	24	16
98.0	31	29	23	15
105.0	28	27	23	15
112.0	25	25	22	14
118.0	24	24	21	14
125.0	22	22	19	13
131.0	20	21	19	13
138.0	18	19	17	12
144.0	17	18	17	12
151.0	16	16	16	11
157.0	15	15	15	11
164.0		14	14	11
171.0		13	13	11
177.0			12	10
184.0			12	10
190.0			11	10
197.0				9
203.0				9
210.0				9

Load capacities with 138 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
45.9	46			
52.5	46	42		
59.0	45	41	30	
65.6	44	40	29	19
72.2	43	39	29	18
78.7	42	36	27	18
85.3	37	34	25	17
91.8	34	32	24	17
98.0	30	30	23	16
105.0	28	27	23	15
112.0	25	26	22	15
118.0	23	24	21	14
125.0	21	22	20	14
131.0	20	21	19	13
138.0	18	19	18	13
144.0	17	17	17	12
151.0	16	16	16	12
157.0	14	15	15	11
164.0	14	14	13	11
171.0		13	13	11
177.0		12	12	11
184.0		11	12	10
190.0			11	10
197.0			10	10
203.0			10	9
210.0				9
216.0				9
223.0				8

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 148 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
45.9	46			
52.5	46	42		
59.0	45	42	30	
65.6	44	40	29	19
72.2	43	39	29	18
78.7	41	37	29	18
85.3	37	35	27	18
91.8	33	32	25	17
98.0	30	30	24	16
105.0	27	28	23	15
112.0	25	26	22	15
118.0	23	24	22	14
125.0	21	22	20	14
131.0	19	20	19	13
138.0	18	19	18	13
144.0	16	17	17	12
151.0	15	16	16	12
157.0	14	15	15	12
164.0	13	14	14	11
171.0	12	13	13	11
177.0		12	13	11
184.0		11	12	11
190.0		11	11	10
197.0			10	10
203.0			9	9
210.0			9	9
216.0				8
223.0				8
230.0				7

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 157 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
45.9	46			
52.5	45	42		
59.0	44	42	30	
65.6	44	41	29	
72.2	42	39	29	18
78.7	41	37	29	18
85.3	36	36	27	18
91.8	33	32	25	17
98.0	30	30	24	16
105.0	27	28	23	16
112.0	25	25	23	15
118.0	22	23	22	15
125.0	21	21	21	14
131.0	19	20	19	14
138.0	17	18	18	13
144.0	16	17	17	13
151.0	15	16	16	12
157.0	14	15	15	12
164.0	13	13	14	12
171.0	12	13	13	11
177.0	11	12	12	11
184.0		11	11	11
190.0		10	10	10
197.0		9	9	10
203.0			9	9
210.0			8	8
216.0			7	8
223.0				8
230.0				7
236.0				6

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 167 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
45.9	46			
52.5	46	43		
59.0	45	42		
65.6	45	41	29	
72.2	44	40	29	18
78.7	41	39	29	18
85.3	36	37	28	18
91.8	32	33	27	17
98.0	29	30	25	17
105.0	27	27	24	16
112.0	24	25	23	15
118.0	22	23	22	15
125.0	20	21	21	15
131.0	19	19	20	14
138.0	17	18	18	14
144.0	16	16	17	13
151.0	15	15	16	13
157.0	13	14	15	12
164.0	12	13	13	12
171.0	12	12	12	11
177.0	11	11	12	11
184.0	10	10	11	11
190.0	9	10	10	10
197.0		9	9	9
203.0		8	8	9
210.0		8	8	8
216.0			7	8
223.0			7	7
230.0			6	7
236.0				6
243.0				6

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 177 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
52.5	44			
59.0	43.8	41.8		
65.6	43.1	41.4	29.7	
72.2	42.4	40.4	29.2	18.7
78.7	39.6	39.2	28.9	18.4
85.3	35.8	36.7	28.7	18.2
91.8	32.1	32.9	27.2	17.6
98.0	29	29.8	25.3	16.9
105.0	26.2	27	24	16.2
112.0	23.9	24.7	23.3	15.7
118.0	21.8	22.6	22.3	15.2
125.0	19.9	20.7	21.3	14.5
131.0	18.3	19	19.6	14
138.0	16.8	17.5	18.1	13.6
144.0	15.4	16.2	16.3	13.3
151.0	14.2	14.9	15.4	12.8
157.0	13.1	13.8	13.7	12.6
164.0	12.1	12.8	12.8	12.4
171.0	11.1	11.8	11.9	11.9
177.0	10.2	11	11	11
184.0	9.4	10.1	10.3	10.3
190.0	8.7	9.4	9.8	9.8
197.0	8	8.7	8.9	9.4
203.0		8	8.5	8.5
210.0		7.4	7.6	8
216.0		6.8	7.1	7.5
223.0			6.6	6.6
230.0			5.7	6.2
236.0			5.2	5.7
243.0				5.3
249.0				4.9

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 187 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	43.3	41.8		
65.6	43.3	41.6	29.7	
72.2	42.1	40.6	29.3	18.7
78.7	39.2	38.6	29	18.5
85.3	35.4	36.3	28.8	18.2
91.8	31.7	32.6	27.2	17.8
98.0	28.6	29.4	26.2	17.1
105.0	25.8	26.7	25.3	16.6
112.0	23.5	24.3	23.7	15.7
118.0	21.4	22.2	22.3	15.2
125.0	19.5	20.3	20.9	15
131.0	17.8	18.6	19.2	14.5
138.0	16.3	17.1	17.4	14
144.0	15	15.1	15.8	13.5
151.0	13.5	14.5	14.4	13.3
157.0	12.7	13.3	13.3	12.8
164.0	11.6	11.9	12.4	12.4
171.0	10.7	11	11.4	11.9
177.0	9.8	10.3	10.7	11
184.0	9	9.7	9.8	10.3
190.0	8.2	9	9.4	9.4
197.0	7.5	8.2	8.5	8.5
203.0	6.9	7.6	8	8
210.0		7	7.6	7.6
216.0		6.4	6.7	7.1
223.0		5.8	6.2	6.6
230.0			5.7	6.2
236.0			5.3	5.3
243.0			4.9	4.8
249.0				4.3

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

Load capacities with 197 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	43.3	41.8		
65.6	43.1	41.5	29.7	
72.2	42.4	39.7	29.3	18.7
78.7	39.5	37.2	29.1	18.5
85.3	35.1	35	28.8	18.3
91.8	31.4	32.3	28.6	18.1
98.0	28.3	29.1	27.2	17.3
105.0	25.5	26.4	25.3	16.6
112.0	23.2	24	23.7	16.1
118.0	21.1	21.9	22.5	15.7
125.0	19.2	20	20.6	15.2
131.0	17.6	17.9	18.9	14.7
138.0	16.1	16	17.4	14.1
144.0	14.4	14.8	15.4	13.8
151.0	13.3	13.5	14	13.5
157.0	11.9	12.8	13	13
164.0	11	11.5	11.9	12.4
171.0	10.3	10.8	11	11.4
177.0	9.4	9.9	10.3	10.7
184.0	8.7	9.4	9.4	9.8
190.0	8	8.5	8.5	8.9
197.0	7.3	8	8	8.2
203.0	6.6	7.1	7.5	7.5
210.0	6	6.7	6.9	6.9
216.0	5.4	6.1	6.4	6.5
223.0		5.3	5.8	5.8
230.0		5	5.3	5.3
236.0		4.5	4.9	4.9
243.0			4.6	4.4
249.0			4.2	4.2

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

FIXED JIB 15° — LOAD CAPACITIES

Main boom + fixed jib at 15° | CW 145+44 lbs

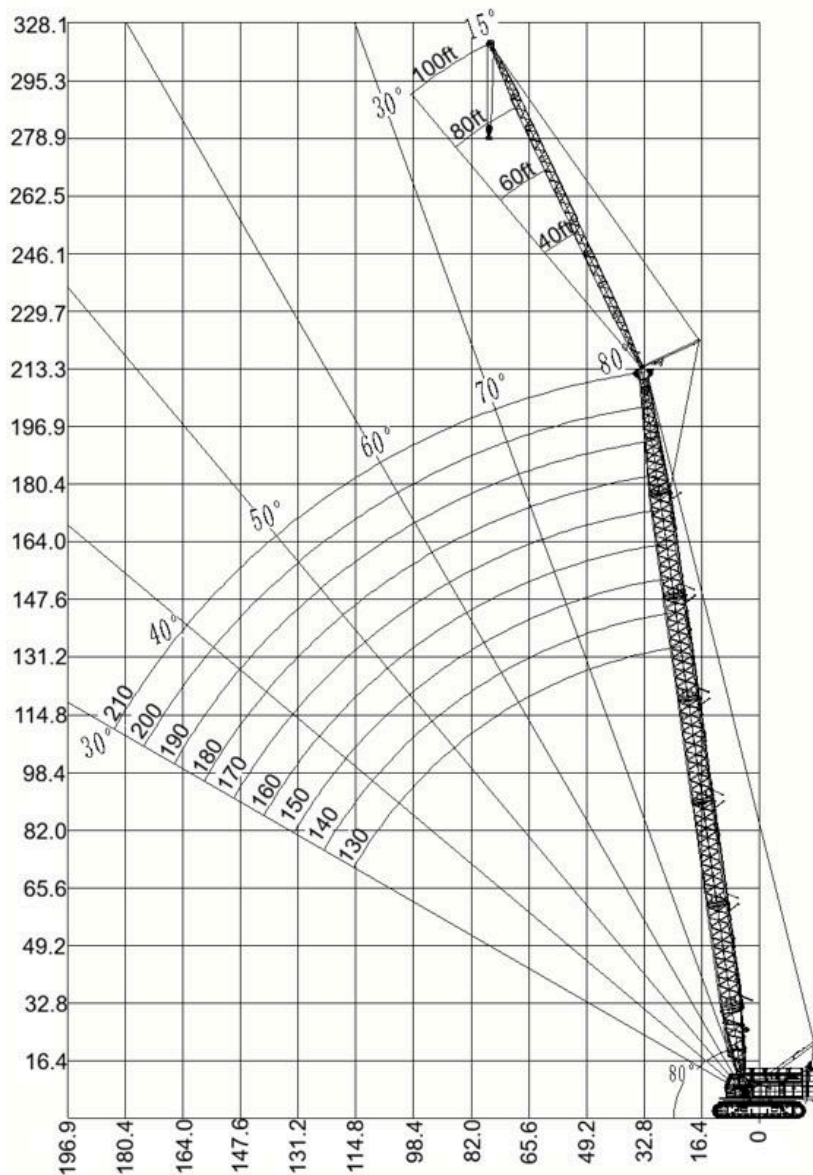
Load capacities with 207 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	40.9	37		
65.6	39.7	36.1	29.9	
72.2	38.3	35.4	29.5	
78.7	37.1	34.4	29.2	18.5
85.3	34.8	33.1	28.9	18.3
91.8	31	30.8	27.9	18.1
98.0	27.4	28.8	26.3	17.6
105.0	25.1	26	24.9	17.1
112.0	22.3	23	23.4	16.4
118.0	20.7	21.5	21.3	15.7
125.0	18.8	19.3	19.5	15.2
131.0	17.1	17.4	17.9	14.9
138.0	15.1	15.6	16	14.5
144.0	14	14.4	14.9	14
151.0	12.8	13.5	13.5	13.5
157.0	11.5	12.4	12.8	13
164.0	10.8	11.5	11.7	11.9
171.0	9.9	10.3	10.8	10.8
177.0	9	9.4	9.9	10.1
184.0	8.3	8.9	8.9	9.2
190.0	7.5	8	8.3	8.3
197.0	6.8	7.5	7.4	7.4
203.0	6.2	6.5	6.5	6.9
210.0	5.5	6.2	6.2	6.4
216.0	5	5.7	5.8	5.8
223.0	4.4	5.1	5.3	5.3
230.0		4.6	4.9	4.9
236.0		4.1	4.6	4.4
243.0		3.6	4.2	4.1
249.0			3.8	3.4

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

FIXED JIB 30°

Main boom + fixed jib at 30° | CW 145+44 lbs



Boom configuration

Section	130 ft	140 ft	150 ft	160 ft	170 ft	180 ft	190 ft	200 ft	210 ft
Boom foot	1	1	1	1	1	1	1	1	1
10 ft insert					1			1	
20 ft insert		1	1			1			1
30 ft insert A	2	2	2	2	2	2	2	2	2
30 ft insert B				1	1	1	2	2	2
Boom head	1	1	1	1	1	1	1	1	1

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 128 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
52.5	38.5			
59.0	37.9			
65.6	36.2	24.6		
72.2	34.7	23.9		
78.7	33.3	23.4	18.7	
85.3	32	23.1	17.9	14.1
91.8	30.6	22.3	16.9	13.4
98.4	29.7	21.5	16	12.8
105.0	27.3	20.8	15.3	12.1
111.5	25.9	20.1	14.3	11.8
118.1	23.6	19.5	13.8	11.1
124.6	22	18.6	13.5	10.4
131.2	20.1	18.4	13	10.2
137.8	18.8	17.6	12.7	9.5
144.3	16.9	16.7	12	9.3
150.9	15.5	16	11.7	8.8
157.4	14.1	14.8	11.1	8.3
164.0		14.2	10.8	8.1
170.6		13.5	10.5	7.6
177.1		13	10.3	7.4
183.7			10.1	7.2
190.2			9.8	6.9
196.8			9.7	6.9
203.4				6.8
209.9				6.8
216.5				6.5

Load capacities with 138 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
52.5	38.9			
59.0	38.5			
65.6	36.8	25.3		
72.2	35.3	24.6		
78.7	33.9	23.8	18.7	
85.3	32.3	23.1	17.9	
91.8	31.6	22.7	16.9	13.4
98.4	29.9	21.9	16	12.8
105.0	27.3	21.2	15.3	12.8
111.5	25.9	20.2	14.9	11.8
118.1	23.6	19.9	14.3	11.1
124.6	22	19.3	13.6	10.9
131.2	20.1	18.6	13.3	10.5
137.8	18.3	17.6	12.7	10
144.3	16.9	16.9	12.2	9.5
150.9	15.5	16	11.7	9.1
157.4	14.6	15.3	11.5	8.5
164.0	13.8	14.2	11	8.2
170.6		13.5	10.8	7.8
177.1		12.5	10.5	7.6
183.7		11.9	10.1	7.5
190.2			10	7.4
196.8			9.8	7.2
203.4			9.5	7
209.9				7
216.5				6.9
223.0				6.8

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 148 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
52.5	39.2			
59.0	38.9			
65.6	37.3	25.7		
72.2	35.8	25.1		
78.7	34.5	23.8	19.1	
85.3	33.3	23.3	18.8	
91.8	31.9	23.1	17.4	13.9
98.4	29.7	22.3	16.9	13.5
105.0	28.2	21.5	15.9	12.8
111.5	25.9	20.9	15.2	11.8
118.1	23.6	20.2	14.5	11.4
124.6	21.5	19.5	14.2	10.9
131.2	19.7	18.6	13.6	10.5
137.8	18.3	18	13	10.2
144.3	16.9	17.1	12.6	9.7
150.9	15.5	16.4	12	9.2
157.4	14.2	15.1	11.7	8.8
164.0	13.5	14.2	11.2	8.3
170.6	12.4	13	10.9	8.1
177.1		12.1	10.7	7.8
183.7		11.2	10.5	7.5
190.2		10.5	10	7.4
196.8			9.8	7.3
203.4			9.3	7
209.9			9	6.9
216.5				6.9
223.0				6.9
229.6				6.7

Load capacities with 157 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	38.7			
65.6	37.8	25.5		
72.2	36.3	25.1		
78.7	35	23.8	19.1	
85.3	33.8	23.8	18.8	
91.8	32.2	23.1	17.8	13.9
98.4	31	22.6	16.9	13.5
105.0	27.8	21.9	15.9	12.8
111.5	25.5	21.2	15.5	12.1
118.1	23.4	20.5	15	11.8
124.6	21.5	19.9	14.4	11.1
131.2	19.7	19.2	13.8	10.9
137.8	17.9	17.9	13.6	10.5
144.3	16.5	17.4	13	10.2
150.9	15.1	16	12.6	9.5
157.4	14.2	14.7	12	9.2
164.0	13	13.9	11.7	8.8
170.6	12.1	13	11.2	8.3
177.1	11.1	12.1	10.7	8.2
183.7	10.2	11.2	10.5	7.8
190.2		10.3	10.1	7.5
196.8		9.4	9.4	7.4
203.4		8.9	8.9	7.3
209.9			8.4	7.1
216.5			7.5	6.9
223.0			7	6.9
229.6				6.6
236.2				6.2
242.7				6

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 167 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	38.9			
65.6	38.2			
72.2	36.8	25.3		
78.7	35.5	24.5	18.9	
85.3	34.3	23.8	18.5	
91.8	33.2	23.1	17.8	13.6
98.4	30.6	22.9	16.9	13.2
105.0	27.8	22.2	16.2	12.8
111.5	25	21.6	15.8	12.7
118.1	22.9	21	15.2	11.8
124.6	21.1	20.2	14.7	11.2
131.2	19.2	19.2	14.3	10.9
137.8	17.9	17.9	13.8	10.4
144.3	16	16.9	13.5	10.2
150.9	15.1	16	12.9	9.7
157.4	13.9	14.6	12.6	9.4
164.0	12.6	13.5	12	9.1
170.6	11.7	12.6	11.7	8.7
177.1	10.7	11.6	11.2	8.4
183.7	9.8	10.7	10.7	8.3
190.2	9.2	9.8	10.3	7.8
196.8		8.9	9.8	7.5
203.4		8.5	8.9	7.3
209.9			8	7.2
216.5			7.5	6.9
223.0			6.8	6.9
229.6			6.4	6.6
236.2				6.2
242.7				5.7
249.3				5.4

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 177 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	39.2			
65.6	38.7			
72.2	37.3	26.2		
78.7	36	25.4		
85.3	34.8	23.8	19.1	
91.8	33.6	23.3	18.7	
98.4	30.5	23	17.4	13.2
105.0	27.3	22.5	16.9	12.8
111.5	25	21.9	15.9	12.7
118.1	22.9	21.3	15.5	12.1
124.6	20.9	20.7	15	11.8
131.2	19.2	19.5	14.5	11.3
137.8	17.4	18.3	13.9	10.8
144.3	16	16.9	13.5	10.5
150.9	14.6	15.5	13	10.1
157.4	13.7	14.2	12.6	9.6
164.0	12.6	12.8	12.1	9.2
170.6	11.6	11.9	11.7	9
177.1	10.6	11.1	11.4	8.6
183.7	9.7	10.6	10.7	8.4
190.2	8.9	9.8	10.3	8.2
196.8	8.1	8.9	9.4	7.8
203.4		8	8.9	7.5
209.9		7.6	8	7.3
216.5		7	7.5	7.2
223.0			6.6	7
229.6			6.2	6.6
236.2			5.6	6.2
242.7				5.3
249.3				4.8

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 187 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	39.4			
65.6	39.1			
72.2	37.7	26.2		
78.7	36.4	25.4		
85.3	35.3	24.4	19.1	
91.8	33.4	23.8	18.7	
98.4	30.1	23.2	17.8	13.9
105.0	27.3	22.9	16.9	13.4
111.5	24.6	22.2	15.9	12.7
118.1	22.5	21.6	15.4	12.1
124.6	20.6	20.4	15	11.8
131.2	18.8	19.3	14.6	11.2
137.8	17.2	18.1	14.2	10.8
144.3	15.6	16.5	13.8	10.5
150.9	14.5	15.5	13.5	10.1
157.4	12.8	13.8	13	9.7
164.0	11.9	13	12.4	9.3
170.6	11.2	11.9	11.7	9.1
177.1	10.2	11.2	11	8.7
183.7	9.4	10.3	10.3	8.5
190.2	8.5	9.4	9.8	8.3
196.8	7.8	8.5	8.9	8
203.4	7	8	8.5	7.8
209.9	6.3	7.1	7.6	7.3
216.5		6.7	7.1	7.1
223.0		6	6.6	6.5
229.6		5.4	5.7	6.2
236.2			5.3	5.7
242.7			5	5.3
249.3			4.7	4.8

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

Load capacities with 197 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
59.0	39.4			
65.6	39.2			
72.2	38.1	26.2		
78.7	36.8	25.5		
85.3	35.7	24.5	19.1	
91.8	33.1	23.8	18.7	
98.4	29.7	23.3	17.8	13.9
105.0	26.9	23	16.9	13.4
111.5	24.1	22.5	16.4	13
118.1	22.3	21.9	15.9	12.7
124.6	20.2	20.4	15.2	12.1
131.2	18.3	18.8	14.9	11.8
137.8	16.3	17	14.2	11.2
144.3	15.2	15.6	13.8	10.8
150.9	13.5	14.4	13.5	10.4
157.4	12.4	13.3	13.3	10.1
164.0	11.5	12.4	12.6	9.7
170.6	10.8	11	11.9	9.4
177.1	9.9	10.3	11	9.1
183.7	8.9	9.4	10.3	8.7
190.2	8.3	8.9	9.2	8.4
196.8	7.6	8	8.2	8.2
203.4	6.7	7.6	7.6	7.9
209.9	6.2	7.1	6.9	7.3
216.5	5.5	6.2	6.7	6.9
223.0		5.8	6.2	6.2
229.6		4.9	5.7	5.7
236.2		4.3	5.1	5.3
242.7			4.6	4.8
249.3			4.2	4.6

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

FIXED JIB 30° — LOAD CAPACITIES

Main boom + fixed jib at 30° | CW 145+44 lbs

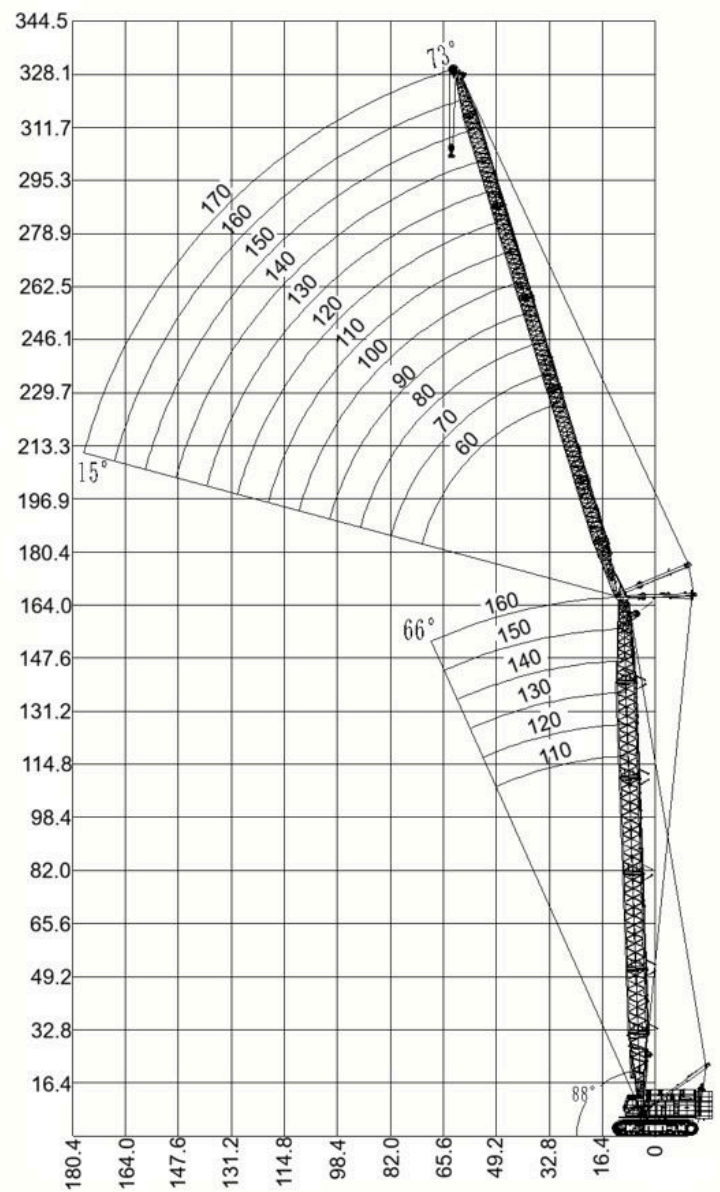
Load capacities with 207 ft main boom

Radius (ft)	43 ft	62 ft	82 ft	102 ft
65.6	37.2			
72.2	36.5	26.2		
78.7	35.6	25.5		
85.3	34.6	24.5	19.1	
91.8	32.7	23.8	18.7	
98.4	29.6	23.3	17.8	13.9
105.0	26.4	23	17.1	13.4
111.5	23.3	22.8	16.6	12.7
118.1	21.3	21.8	15.9	12.7
124.6	19.3	21.1	15.5	12.2
131.2	17.4	19.2	15	11.8
137.8	15.6	16.5	14.5	11.2
144.3	14.4	15.1	14.2	10.8
150.9	13.3	14	13.8	10.4
157.4	11.9	12.8	13.3	10.1
164.0	11	11.9	12.4	10
170.6	10.3	11	11.4	9.6
177.1	9.4	10.1	10.7	9.2
183.7	8.3	9.2	9.8	8.9
190.2	7.4	8.3	8.9	8.4
196.8	7.1	7.4	8	8
203.4	6.5	7.1	7.3	7.4
209.9	5.8	6.7	6.5	6.9
216.5	5.1	5.8	6.2	6.4
223.0	4.5	5.3	5.8	5.8
229.6		4.9	5.3	5.2
236.2		4.3	4.6	4.4
242.7		3.8	4.1	3.9
249.3			3.7	3.3

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

LUFFING JIB

Main boom + luffing jib | CW 145+44 lbs



Boom configuration

Section	80 ft	90 ft	100 ft	110 ft	120 ft	130 ft	140 ft	150 ft	160 ft
Boom foot	1	1	1	1	1	1	1	1	1
10 ft insert			1			1			1
20 ft insert	1			1			1		
30 ft insert A		1	1	1	2	2	2	2	2
30 ft insert B								1	1
Boom head	1	1	1	1	1	1	1	1	1

LUFFING JIB — LOAD CAPACITIES

Main boom + luffing jib | CW 145+44 lbs

Load capacities with 80 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
28.2	133.8											
29.5	133.1											
31.2		116.8										
32.8	124.5	115.9										
34.4			101.2									
36.1	107.4	107.6	100.1									
37.7				89.1								
39.4	94.2	94.5	94.6	88.2								
42.6	83.7	84.1	84.1	83.9	80.3	70.6						
44.3							61.6					
45.9	75.1	75.6	75.6	75.4	76.6	69.2	61.4					
47.6								53.7				
49.2	68	68.6	68.6	68.3	69.3	68	60.2	53.4				
50.8									46.4			
52.5	62.1	62.7	62.7	62.4	63.2	63	59.1	52.3	45.8			
59.0	52.7	53.4	53.3	53	53.5	53.3	52.9	50.5	44.1	39.1	33.9	
60.0												28.8
65.6	44	46.3	46.2	45.8	46.2	46	45.6	45.3	42.6	37.6	32.6	27.5
69.5	42.5											
72.2		40.7	40.6	40.2	40.4	40.2	39.8	39.5	40.6	36.1	31.4	26.7
78.7		36.3	36.1	35.7	35.8	35.6	35.2	34.9	35.8	33.4	29.5	25.7
79.0		36.1										
85.3			32.5	32	32	31.8	31.4	31.1	31.8	31	27.3	23.7
88.6			30.8									
91.8				29	28.9	28.7	28.2	27.9	28.6	28.1	25.4	22.7
98.1				26.6								
98.4					26.2	26	25.5	25.3	25.8	25.3	23.7	22.1
105.0					24	23.7	23.2	23	23.4	23	22.2	21.5
107.6					23.1							
111.5						21.8	21.3	21	21.4	20.9	20.4	20
117.1						20.2						
118.1							19.5	19.2	19.6	19.1	18.6	18.2
124.6							18.1	17.7	18	17.5	17.1	16.6
126.6							17.6					
131.2								16.4	16.6	16.1	15.7	15.2
136.1								15.6				
137.8									15.4	14.9	14.4	13.9

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 145+44 lbs

Load capacities with 90 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
28.2	133.8											
29.5	133.1											
31.2		116.8										
32.8	124.5	115.9										
34.4			101.2									
36.1	107.4	107.6	100.1									
37.7				89.1								
39.4	94.2	94.5	94.6	88.2								
42.6	83.7	84.1	84.1	83.9	80.3	70.6						
44.3							61.6					
45.9	75.1	75.6	75.6	75.4	76.6	69.2	61.4					
47.6								53.7				
49.2	68	68.6	68.6	68.3	69.3	68	60.2	53.4				
50.8									46.4			
52.5	62.1	62.7	62.7	62.4	63.2	63	59.1	52.3	45.8			
55.8										40.3		
57.4											34.8	
59.0	52.7	53.4	53.3	53	53.5	53.3	52.9	50.5	44.1	39.1	33.9	
60.7												28.8
64.0	44	46.3	46.2	45.8	46.2	46	45.6	45.3	42.6	37.6	32.6	27.5
67.2	42.5											
70.5		40.7	40.6	40.2	40.4	40.2	39.8	39.5	40.6	36.1	31.4	26.7
78.7		36.3	36.1	35.7	35.8	35.6	35.2	34.9	35.8	33.4	29.5	25.7
79.0		36.1										
85.3			32.5	32	32	31.8	31.4	31.1	31.8	31	27.3	23.7
88.6			30.8									
91.8				29	28.9	28.7	28.2	27.9	28.6	28.1	25.4	22.7
98.1				26.6								
98.4					26.2	26	25.5	25.3	25.8	25.3	23.7	22.1
105.0					24	23.7	23.2	23	23.4	23	22.2	21.5
107.6					23.1							
111.5						21.8	21.3	21	21.4	20.9	20.4	20
117.1						20.2						
118.1							19.5	19.2	19.6	19.1	18.6	18.2
124.6							18.1	17.7	18	17.5	17.1	16.6
126.6							17.6					
131.2								16.4	16.6	16.1	15.7	15.2
136.1								15.6				
137.8									15.4	14.9	14.4	13.9

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 145+44 lbs

Load capacities with 100 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
28.2	102.7											
29.5	102.1											
31.2		91.3										
32.8	98	90.4										
34.4			83.4									
36.1	94.4	87.1	82.6									
37.7				73.3								
39.4	91.2	84.3	81.3	72.6								
41.0					66.9	66.9						
42.6	85.8	81.6	79.6	71.5	65.9	65.8						
45.9				70.6	64.9	64.9	52.8					
49.2	77.1	69.7	77.1		63.8		51.9	46.2				
52.5	69.9	63.8	69.8	69.9	63.1	63.1	51	45.3	39.6			
55.8	63.8		63.7	64.8						33.7	29	
59.0	54.2	54.1	54	54.8	54.2	54.3	49.5	43.8	38.3	33	28.6	
62.3												24.4
65.6	47.1	46.9	46.7	47.3	46.6	46.6	46.2	42.7	37	31.9	27.5	23.3
72.2	42.7	41.1		41.4	40.9	40.7	40.3	41.4	36.1	30.8	26.6	22.4
78.7		36.5	41	36.7	36.1	35.9	35.4	36.3	35.4	30.1	26	21.8
85.3			36.4	32.8	32.3	32.1	31.7	32.3	32.1	29.5	25.3	21.3
91.8				29.7	29	28.8	28.4	29	28.8	28.4	24.6	20.9
95.1			32.7									
98.4				27.1	26.4	26.1	25.7	26.2	26	25.5	23.8	20.5
101.7			30.8									
105.0					24	23.8	23.3	23.8	23.5	23.1	22.2	20
111.5						21.8	21.3	21.8	21.6	21.1	20.5	19.6
118.1							19.6	20	19.6	19.2	18.7	18
124.6							18	18.3	18	17.6	17.1	16.3
131.2								16.9	16.6	16.2	15.7	15.2
137.8									15.4	14.9	14.4	14
144.3									14.3	13.8	13.3	12.8
150.9										12.8	12.3	11.8
157.4											11.4	10.6
164.0											10.6	9.9
170.6											10.6	9.2

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 145+44 lbs

Load capacities with 110 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
28.2	113.7											
29.5	113.3											
31.2	110.7	100.5										
32.8	108.2	100.2										
34.4	106		90.9									
36.1	103.8	96.2	89.9									
37.7				78.1								
39.4	97.9	92.6	86.6	77.5								
41.0					71.5							
42.6	86.8	86.8	83.7	76.2	70.8							
45.9	77.8	77.8	77.9	75	69.6	61.7						
49.2	70.5	70.4	70.4	70.1	68.5	60.6	53					
52.5	64.3	64.2	64.2	63.9	64.8	59.6	52.1	45.2	39			
59.0	54.6	54.4	54.3	54	54.6	54.5	50.6	43.7	37.6	32.4	24.8	
65.6	45.5	47	46.9	46.6	47	46.8	48	42.5	36.5	31.3	23.9	23
72.2		41.3	41.1	40.8	41	40.8	41.8	41.5	35.5	30.3	23.1	22.1
78.7		36.7	36.5	36.1	36.3	36.1	36.8	36.6	34.8	29.6	22.5	21.3
85.3			32.7	32.3	32.4	32.2	32.8	32.5	32.3	29	22	21.1
91.8				29.2	29.1	28.9	29.4	29.2	28.9	28.5	21.6	20.7
98.4				26.5	26.4	26.2	26.6	26.3	26	25.6	21.4	20.2
105.0					24.1	23.8	24.1	23.9	23.6	23.2	21.3	19.8
108.2						20.1						
111.5						21.8	22	21.8	21.5	21.1	20.6	19.4
118.1						20.1	20.2	20	19.7	19.2	18.8	18
124.6							18.6	18.4	18.1	17.6	17.2	16.3
131.2								17	16.7	16.2	15.7	15.3
137.8									15.4	14.9	14.5	13.9
144.3									14.3	13.8	13.3	12.8
150.9										12.8	12.3	11.8
157.4											11.4	10.6
164.0											10.6	9.9
170.6												9

Load capacities with 120 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
32.8	98	90.9										
36.1	94	87.2	79.6									
39.4	90.4	84	76.8	72.4								
42.6	87.3	81.2	74.2	70.4	65.6							
45.9	78.6	78.6	71.9	68.3	64.5	58.2						
49.2	71.1	71	69.8	66.3	63.5	57.2	51					
52.5	64.8	64.7	64.7	64.6	62.7	56.2	50.2	43.6				
59.0	54.9	54.8	54.7	55.6	55	54.8	48.6	41.8	36.5	31.7	27.7	
65.6	46.1	47.3	47.2	47.8	47.3	47.1	47.5	40.9	35.5	30.6	26.6	22.7
72.2							42	40	34.5	29.7	25.7	21.7
78.7							37	36.7	33.8	28.9	24.9	20.9
85.3							32.9	32.6	32.4	28.3	24.3	20.5
91.8				29.8	29.2	29	29.5	29.3	29	27.9	23.8	20
98.4				27.1	26.5	26.2	26.6	26.4	26.1	25.7	23.4	19.6
105.0					24.1	23.9	24.2	24	23.7	23.2	22.4	19.1
111.5						21.9	22.1	21.8	21.6	21.1	20.7	18.7
118.1						20.1	20.3	20	19.7	19.3	18.8	18
124.6							18.7	18.5	18.1	17.7	17.2	16.3
131.2								16.9	16.7	16.2	15.8	15
137.8									15.4	15	14.5	13.6
144.3									14.3	13.8	13.3	12.8
150.9										12.8	12.3	11.8
157.4											11.4	10.6
164.0											10.6	9.9
170.6												9

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 145+44 lbs

Load capacities with 130 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
32.8	86.6	80.3										
36.1	83.1	77.2	71.1									
39.4	80.1	74.4	68.6	63.2								
42.6	77.4	71.9	66.4	61.2	58.9							
45.9	75	69.6	64.4	59.3	57.9	52.6	47.3					
49.2	71.7	67.6	62.6	57.7	56.2	51.6	46.5					
52.5	65.3	65.2	61	56.1	54.7	50.8	45.7	41.1				
55.8	59.8	59.4	58.5	54.8	53.5	50.2	48	40.5		31.7		
59.0	55.3	55.1	56.3	53.5	52.1	49.6	47.3	39.8	35.4	30.8	27.1	
65.6	46.8	47.5	48.4	48.2	47.6	47.4	46.5	38.7	34.3	29.7	26.1	22.4
72.2		41.6	42.4	42	41.5	41.3	45.7	37.9	33.4	28.8	25.2	21.5
78.7		36.9	37.5	37.2	36.6	36.4	37.2	37	32.7	28.1	24.4	20.7
85.3			33.6	33.2	32.6	32.4	33	32.8	32.2	27.6	23.8	20.1
91.8				29.9	29.3	29.1	29.6	29.4	29.1	27.2	23.3	19.5
98.4				27.3	26.5	26.3	26.7	26.5	26.2	25.8	23	19.4
105.0					24.2	23.9	24.3	24	23.8	23.3	22.4	18.9
111.5						21.9	22.2	21.9	21.6	21.2	20.7	18.5
118.1						20.2	20.3	20.1	19.8	19.3	18.9	18
124.6							18.7	18.4	18.2	17.7	17.2	16.1
131.2								17	16.7	16.3	15.8	15
137.8								15.8	15.4	15	14.5	13.6
144.3									14.3	13.8	13.3	12.9
150.9										12.8	12.3	11.8
157.4											11.4	10.3
164.0											10.6	9.7
170.6												8.8

Load capacities with 140 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
32.8	83.6											
36.1	80.4											
39.4	77.1	71.7	66.1									
42.6	74.2	69.1	63.8	59								
45.9	71.7	66.7	61.6	57	53.5							
49.2	69.4	64.7	59.7	55.2	51.8	49	43.6					
52.5	67.4	62.8	58	53.6	50.3	48.2	42.9	40.6				
55.8	65.7	61.1	56.4	52.2	48.9	47.5				30.1		
59.0	60.5	59	55.2	50.8	47.5	46.4	41.6	39.2	33.9	29.4	25.8	
65.6	55.6	56.7	53.8	49.7	46.5	45.6	40.7	38.1	32.9	28.4	24.8	21.6
72.2	47.4	48.8	48.7	47.7	44.6	43.7	40	37.3	32	27.5	23.9	20.9
78.7		37.8	37.7	37.3	36.7	37.8	37.4	36.7	31.3	26.8	23.2	20.2
85.3			33.7	33.3	32.7	33.6	33.2	33	30.9	26.3	22.6	19.8
91.8				30	29.4	30.2	29.7	29.5	29.2	25.9	22.1	19.4
98.4				27.2	26.6	27.3	26.8	26.6	26.3	25.6	21.8	18.9
105.0					24.2	24.8	24.4	24.1	23.8	23.4	21.6	18.7
111.5						22.7	23.3	23	22.7	22.3	21.2	18.5
118.1						20.8	22.2	22	21.7	21.2	20.8	18.3
124.6							20.4	20.1	19.8	19.4	18.9	17.8
131.2								17	16.7	16.3	15.8	14.7
137.8								15.8	15.5	15	14.5	13.4
144.3									14.3	13.8	13.4	12.5
150.9										12.8	12.3	11.7
157.4											11.4	10.1
164.0											10.6	9.5
170.6												8.6

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 145+44 lbs

Load capacities with 149 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
31.2	75.9											
32.8	73.6											
36.1	70.5	65.8										
39.4	67.8	63.3	59.1	55								
42.6	65.4	61.1	57.1	53.1	50.1							
45.9	63.3	59.2	55.3	51.4	48.5	45						
49.2	61.5	57.4	53.6	49.9	47.1	43.7	40.9					
52.5	59.8	55.9	52.2	48.5	45.8	42.6	40.2	39.9				
55.8	57.9	54.6	51	47.3						28.6		
59.0	56	53.3	49.6	46.1	43.6	40.5	39.1	38.6	32	28.1		
65.6	48	49.1	47.6	44.1	41.7	38.7	37.4	37.5	31	27.2	24	20.9
72.2	42.3	42.9	42.8	42.5	40.2	37.3	35.9	36.6	30.2	26.3	23.2	20.5
78.7		38	37.9	37.5	38.2	36.1	34.7	36	29.6	25.7	22.5	20
85.3			33.8	33.5	34	33.8	33.4	33.1	29.1	25.2	22	19.6
91.8				30.1	30.5	30.3	29.9	29.6	28.9	24.8	21.5	19.1
98.4				27.3	27.6	27.4	26.9	26.7	26.4	24.6	21.2	18.7
105.0					25.1	24.9	24.4	24.2	23.9	23.5	21	18.5
111.5						22.7	22.3	22	21.8	21.3	20.8	18
118.1						20.9	20.4	20.1	19.9	19.4	19	17.6
124.6							18.8	18.5	18.2	17.8	17.3	15.6
131.2								17.1	16.8	16.3	15.8	14.5
137.8								15.8	15.5	15	14.5	13.2
144.3									14.3	13.8	13.4	12.3
150.9										12.8	12.3	11.4
157.4										11.9	11.4	9.9
164.0											10.5	9.2
170.6												8.4

Load capacities with 159 ft main boom 88°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
31.2	65.6											
32.8	64.1											
36.1	61.6	60										
39.4	59.5	57.7	54									
42.6	57.6	55.6	52.1	48.8	45.5							
45.9	55.9	53.8	50.5	47.3	44.1	40.9						
49.2	54.5	52.3	49	45.7	42.8	39.7	37.5					
52.5	52	50.7	47.5	44.4	41.5	38.6	36.5	34				
55.8										27.7		
59.0	49.4	48.3	45.2	42.1	39.5	36.7	34.5	32.9	29.8	27.1		
65.6	43.3	46.4	43.2	40.3	37.8	35	32.9	31.8	28.9	26.1	23	20.7
72.2	43.3	43	41.8	38.8	36.3	33.6	31.6	30.5	28.1	25.3	22.2	20.2
78.7		38	38	37.6	35.1	32.5	30.5	29.4	27.5	24.6	21.5	19.8
85.3							29.6	28.4	27	24.1	20.9	19.4
91.8			33.9	33.6	34	31.6	28.8	27.6	26.2	23.8	20.5	18.9
98.4				30.1	30.5	30.3	27	26.7	25.5	23.5	20.2	18.5
105.0				27.3	27.7	27.5	24.4	24.2	23.9	23.4	20	18.3
111.5					25	24.8	22.3	22	21.7	21.3	19.9	17.8
118.1						22.8	20.5	20.1	19.8	19.4	18.9	17.4
124.6						20.8	18.7	18.4	18.2	17.7	17.2	15.4
131.2								17	16.7	16.2	15.8	14.3
137.8								15.7	15.4	14.9	14.4	13
144.3									14.2	13.8	13.3	12.1
150.9										12.7	12.2	11.2
157.4										11.8	11.3	9.7
164.0											10.4	9
170.6												8.1
177.1												7.7

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 145+44 lbs

Load capacities with 80 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
55.8	84											
59.0	80.1											
61.7		76.6										
65.6	69.1	69										
66.3			68.9									
70.8				59.4								
72.2	58.1	58	57.9	57.6								
75.8					53.2							
78.7	50	49.8	49.7	49.4	49.8							
80.7						48.2						
85.3	43.8	43.5	43.4	43.1	43.3	43.1	42.7					
86.3	42.9							38.7				
91.8		38.6	38.4	38	38.1	37.9	37.5	37.3				
95.8		36.1							36.1			
98.4			34.4	33.9	34	33.7	33.3	33	33.8			
99.7										31.7		
104.6											26.6	
105.0			31	30.6	30.5	30.3	29.8	29.6	30.2	29.8	26.4	
105.3			30.8									
109.2												22.9
111.5				27.8	27.6	27.4	26.9	26.6	27.2	26.8	24.6	22.4
114.8				26.6								
118.1					25.1	24.9	24.4	24.1	24.6	24.2	23	21.8
124.3					23.1							
124.6						22.8	22.3	22	22.4	22	21.5	21
131.2						21	20.4	20.1	20.5	20	19.6	19.1
133.8						20.2						
137.8							18.8	18.5	18.8	18.3	17.9	17.4

Load capacities with 90 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
55.8	84											
59.0	80.1											
62.3		76.6										
64.0	69.1	69										
65.6			68.9									
68.9				59.4								
70.5	58.1	58	57.9	57.6								
75.8					53.2							
78.7	50	49.8	49.7	49.4	49.8							
80.7						48.2						
85.3	43.8	43.5	43.4	43.1	43.3	43.1	42.7					
86.3	42.9							38.7				
91.8		38.6	38.4	38	38.1	37.9	37.5	37.3				
95.8		36.1							36.1			
98.4			34.4	33.9	34	33.7	33.3	33	33.8			
99.7										31.7		
104.6											26.6	
105.0			31	30.6	30.5	30.3	29.8	29.6	30.2	29.8	26.4	
105.3			30.8									
109.2												22.9
111.5				27.8	27.6	27.4	26.9	26.6	27.2	26.8	24.6	22.4
114.8				26.6								
118.1					25.1	24.9	24.4	24.1	24.6	24.2	23	21.8
124.3					23.1							
124.6						22.8	22.3	22	22.4	22	21.5	21
131.2						21	20.4	20.1	20.5	20	19.6	19.1
133.8						20.2						
137.8							18.8	18.5	18.8	18.3	17.9	17.4

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 145+44 lbs

Load capacities with 100 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
62.3	72.8											
65.6	68.5	66.9										
72.2	61.8	60.9	59.8									
75.4				56.3								
78.7	55.5	55	54.7	53.9								
85.3	48	47.7	47.7	48.2	47.7	47.5						
91.8	42.9	41.8	41.8	42.2	41.6	41.4	40.9					
95.1								38.9				
98.4		37.2	37	37.4	36.7	36.5	36.1	37				
105.0		35.9	33.2	33.4	32.8	32.6	32.1	32.9	32.7	28.4		
111.5			30.8	30.1	29.5	29.3	28.8	29.5	29.3	27.6		
114.8											23.8	
118.1				27.3	26.8	26.6	26	26.6	26.4	26	23	
124.6					24.4	24.2	23.8	24.2	24	23.5	22.5	21.1
131.2						22.2	21.6	22	21.8	21.3	20.9	20.5
137.8						20.5	19.8	20.2	20	19.4	19	19.6
144.3							18.3	18.5	18.3	17.8	17.4	18.3
150.9								17.2	16.9	16.5	15.9	16.3
157.4								15.8	15.6	15.2	14.6	14.7
164.0									14.5	14.1	13.5	13.6
170.6										13	12.5	12.5
177.1											11.5	11.4
183.7											10.7	10.6
190.2												9.7
196.8												8.8

Load capacities with 110 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
65.6	66.6											
72.2	60.5	59.1										
78.7	54.8	54.1	53.1	52.4								
85.3	49.7	49.2	48.8	48.2	46.9							
91.8	44	43.8	43.7	44.2	43.4	42.6						
98.4		38.7	38.5	38.9	38.4	38.2	39	38.4				
105.0			34.4	34.7	34.1	33.9	34.5	34.3	32.1			
108.2				28.3	27.6	27.4						
111.5			31	31.2	30.6	30.4	30.9	30.6	30.4	27.5	23.6	
118.1				28.3	27.6	27.4	27.8	27.6	27.3	26.9	23	20.2
124.6					25.1	24.9	25.2	25	24.7	24.3	22.5	19.8
131.2						23	22.8	23	22.7	22.5	22	19.1
137.8							20.9	21	20.8	20.5	20.1	19.6
144.3								19.4	19.1	18.8	18.4	17.9
150.9									17.6	17.3	16.9	16.4
157.4									16.3	16	15.5	15
164.0										14.8	14.3	13.8
170.6											13.3	12.8
177.1											12.3	11.8
183.7												10.9
190.2												10.3
196.8												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 145+44 lbs

Load capacities with 120 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
72.2	57	56.5										
78.7	52.4	52	51	50.6								
85.3	48.2	47.7	47	46.6		45.5						
91.8	44.7	44.2	43.9	43.3	42.1	41.3						
98.4		40.3	40.2	40.1	39.1	38.4	38					
105.0		35.9	35.7	36.1	35.5	35.3	35.4	34.7				
111.5			32.1	32.3	31.7	31.5	32.1	31.8	31.6	27.3		
118.1				29.2	28.6	28.4	28.8	28.6	28.3	26.6	20.5	
124.6					25.9	25.7	26.1	25.8	25.6	25.1	20	19.1
131.2					23.7	23.4	23.7	23.5	23.2	22.7	19.7	18.5
137.8						21.5	21.7	21.4	21.1	20.7	19.4	17.8
144.3							19.9	19.6	19.4	18.9	18.4	16.3
150.9							18.4	18.1	17.8	17.3	16.9	15
157.4								16.7	16.4	15.9	15.5	13.9
164.0									15.2	14.7	14.2	12.8
170.6									14.1	13.6	13.1	11.9
177.1										12.6	12.1	11.2
183.7											11.2	10.3
190.2											10.4	9.7
196.8												9.2

Load capacities with 130 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
72.2	57											
78.7	52.3	51	50.5									
85.3	48.2	47	46.6	45.5								
91.8	44.1	43.6	43.2	42.1	40.9							
98.4		40	40	39.2	38	37.3	36.9					
105.0		36.8	36.9	36.4	35.5	34.8	34.4	33.7				
111.5			33.9	33.5	32.9	32.5	32.2	31.5	30.9	26.7		
118.1				30.2	29.6	29.4	29.9	29.6	29	26	22.4	
124.6				27.4	26.8	26.5	27	26.7	26.5	25.5	21.8	18.9
131.2					24.4	24.1	24.5	24.2	24	23.5	21.4	18.3
137.8						22.1	22.3	22.1	21.8	21.4	20.9	17.6
144.3						20.3	20.5	20.2	19.9	19.5	19	16.1
150.9							18.8	18.6	18.3	17.8	17.4	14.7
157.4								17.1	16.8	16.4	15.9	13.6
164.0								15.9	15.6	15.1	14.6	12.5
170.6									14.4	13.9	13.5	11.9
177.1										12.9	12.4	11.2
183.7										12	11.5	10.3
190.2											10.6	9.7
196.8												9.2

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 145+44 lbs

Load capacities with 140 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
78.7	50.6	49.8										
85.3	46.7	46	45.1	44								
91.8	43.3	42.6	41.8	40.8	39.5							
98.4	39.7	39.6	38.9	37.9	36.7	36.6						
105.0		36.5	36.3	35.4	34.3	34.1	33.2	32.6				
111.5			33.6	33.1	32.1	31.9	32		30.6			
118.1			31.2	30.8	30.1	30	31.1	30.4	29.8			
124.6				28.3	27.7	28.2	29.2	28.5	27.9	25.4		
131.2					25.2	25.7	25.3	25	24.7	24	20.5	17.8
137.8					23	23.5	23	22.8	22.5	22.1	20.1	17.2
144.3						21.5	21.1	20.8	20.5	20.1	19.6	15.8
150.9							19.4	19.1	18.8	18.4	17.9	14.5
157.4							17.9	17.6	17.3	16.8	16.4	13.4
164.0								16.3	16	15.5	15	12.3
170.6									14.8	14.3	13.8	11.7
177.1										12.3	11.8	10.1
183.7											10.9	9.5
190.2												9
196.8												8.6

Load capacities with 149 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
78.7	49.1	48.4										
85.3	45.3	44.6	43.8									
91.8	42	41.4	40.6	39.3								
98.4	39.1	38.6	37.8	36.8	36.2	35.5						
105.0		36	35.3	34.4	33.7	33.1	32.2					
111.5		33.3	33.1	32.2	31.6	31	30.1	29.5	28			
118.1			30.7	30.2	29.7	29.1	28.2	27.6	26.9	24.8		
124.6				28.2	28	27.4	26.6	26	25.4	24.2	20.9	
131.2				26.4	26.1	25.9	25.1	24.5	23.9	23.1	20.4	17.6
137.8					24.4	24.2	23.7	23.1	22.6	21.8	20	16.9
144.3						22.2	21.7	21.5	21.2	20.6	19.7	15.6
150.9							19.9	19.7	19.4	18.9	18.5	14.3
157.4							18.3	18.1	17.8	17.3	16.9	13.2
164.0								16.7	16.4	15.9	15.5	12.1
170.6									15.1	14.7	14.2	11.4
177.1									14	13.6	13.1	10.8
183.7									13.9			
190.2										12.6	12.1	9.9
196.8											11.1	9.5
203.4											10.3	9
209.9												8.4

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 145+44 lbs

Load capacities with 159 ft main boom 76°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
78.7	48.1											
85.3		46.2										
91.8	44.4	43.3	42.4									
98.4	41.2	40.1	39.3	38.3								
105.0	38.4	37.4	36.6	35.6	34.9		29.8					
111.5	35.8	35	34.2	33.2	32.7	31.7	28.6	26.6				
118.1		32.8	32.1	31.2	30.6	30	27.3	25.5	23.9			
124.6			30.2	29.3	28.8	28.1	25.7	24.7	23.1	21.2	19.6	
131.2				27.7	27.1	26.5	24.2	23.6	22.3	20.5	19	17.3
137.8				25.9	25.6	25	22.9	22.3	21.7	19.9	18.6	16.7
144.3					24	23.7	21.7	21.1	20.5	19.4	18.3	15.4
150.9						22.3	20.5	20	19.5	18.7	18	14.1
157.4						21	18.9	18.6	18.3	17.7	17	13
164.0								17.1	16.8	16.4	15.9	11.9
170.6								15.8	15.5	15.1	14.6	11.2
177.1									14.4	13.9	13.4	10.6
183.7										12.9	12.4	9.7
190.2										11.9	11.4	9.2
196.8											10.6	8.8
203.4												8.1

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 145+44 lbs

Load capacities with 80 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft
79.0	53.7										
85.3	48.7	48.2									
91.2			44								
91.8	44.5	44	43.7								
97.4				40.3							
98.4	40.8	40.4	40.1	39.5							
99.4	40.3										
103.7					36.7						
105.0		37.3	37	36.4	36						
108.9		35.6									
109.9						34.1					
111.5			34.3	33.7	33.4	33.1					
116.1							30.8				
118.1			31.1	30.6	30.5	30.3	29.9				
118.4			30.8								
122.3								27.5			
124.6				27.8	27.6	27.4	27	26.7			
127.9				26.6							
128.6									25.5		
131.2					25.2	24.9	24.5	24.2	24.7		
134.8										23.3	
137.4					23.1						
137.8						22.8	22.3	22	22.4	22	
141.0											20.5

Load capacities with 90 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft
79.0	53.7										
85.3	48.7	48.2									
91.2			44								
91.8	44.5	44	43.7								
97.4				40.3							
98.4	40.8	40.4	40.1	39.5							
99.4	40.3										
103.7					36.7						
105.0		37.3	37	36.4	36						
108.9		35.6									
109.9						34.1					
111.5			34.3	33.7	33.4	33.1					
116.1							30.8				
118.1			31.1	30.6	30.5	30.3	29.9				
118.4			30.8								
122.3								27.5			
124.6				27.8	27.6	27.4	27	26.7			
127.9				26.6							
128.6									25.5		
131.2					25.2	24.9	24.5	24.2	24.7		
134.8										23.3	
137.4					23.1						
137.8						22.8	22.3	22	22.4	22	
141.0											20.5

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 145+44 lbs

Load capacities with 100 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
88.6	46.6											
91.8	42.9	42.2										
98.4	39.4	38.9	38.3									
105.0	36.3	35.9	35.4	35.2								
108.2	35.2											
111.5		33.2	32.8	32.6								
118.1		31.2	30.6	30.4	29.6	29.3						
124.6				28.4	27.6	27.3	26.8					
131.2			27.5	26.4	25.8	25.5	25.1					
137.8					24.2	23.9	23.3	25.1	23.1			
144.3					22.7	22.4	22	22	21.7	21.2		
150.9						21.1	20.7	20.6	20.3	19.8	19.4	
157.4							19.1	19.4	19.1	18.6	18.2	15.4
164.0							17.8	17.9	17.6	17.1	16.6	14.1
170.6								16.5	16.2	15.8	15.3	13
177.1									15	14.5	14.1	11.9
183.7										13.5	13	11
190.2										12.5	12	10.3
196.8												9.2
203.3												8.8
209.9												8.6

Load capacities with 110 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
91.8	41.8											
98.4	38.4	37.8										
105.0	35.4	34.8	34.5									
108.2		30	29.7	29.5	28.8							
111.5	32.8	32.3	31.9	31.7								
118.1		30	29.7	29.5	28.8							
124.6			27.7	27.5	26.8	26.4						
131.2				25.7	25	24.7	24.5					
137.8				24.1	23.4	23.1	23	22.6				
144.3						21.1	21.5	21.2	20.9			
150.9						20.5	20.2	19.9	19.6	19.1		
157.4						19.4	19.1	18.8	18.4	17.9	17.4	
164.0							18	17.7	17.4	16.9	16.4	13.9
170.6								16.7	16.4	15.9	15.4	12.8
177.1								15.8	15.5	15	14.5	11.7
183.7									14.6	14.1	13.6	10.8
190.2										13	12.5	10.1
196.8										12.1	11.6	9.7
203.3											10.8	9
209.9												8.6
216.5												8.1

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 145+44 lbs

Load capacities with 120 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
98.4	37.3											
105.0	34.4	33.8										
111.5	31.9	31.3	30.9									
118.1		29.1	28.7	28.5								
124.6		27.2	26.8	26.6	25.9							
131.2			25.1	24.9	24.2	23.8						
137.8				23.3	22.6	22.3	22.1					
144.3					21.2	20.9	20.8	20.4				
150.9					20	19.7	19.5	19.2	18.9	18.3		
157.4						18.5	18.3	18	17.7	17.2	16.7	
164.0						17.6	17.3	17	16.7	16.2	15.7	13.6
170.6							16.3	16	15.7	15.2	14.7	12.5
177.1								15.2	14.8	14.3	13.8	11.4
183.7									14	13.5	13	10.6
190.2									13.3	12.8	12.3	10.1
196.8										12.1	11.6	9.5
203.4											11	8.8
209.9											10.4	8.4
216.5												7.9

Load capacities with 130 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
105.0	33.4											
111.5	31	30.6	30.1									
118.1	29.3	28.4	27.9	27.9								
124.6		26.4	26.2	25.7	25.3							
131.2			24.4	24	23.3	23.1						
137.8			23.3	22.7	21.8	21.6	21.3					
144.3				21.1	20.5	20.5	20	19.6				
150.9						18.9	18.9	18.5				
157.4						17.8	17.6	17.4	17.4	16.1		
164.0						17.2	16.7	16.3	16.1	15.6	14.7	
170.6						16.5	15.6	15.4	15	14.5	14.1	12.3
177.1								14.5	14.1	13.6	13.2	11.2
183.7								13.9	13.4	13	12.3	10.3
190.2									12.5	12.1	11.7	9.9
196.8										11.4	11	9.2
203.4										11	10.3	8.6
209.9											9.7	8.1
216.5												7.7

Load capacities with 140 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
105.0	32.4											
111.5	30	29.7										
118.1	27.8	27.6	27.3									
124.6		25.7	25.4	24.8								
131.2		24.1	23.8	23.2	22.4							
137.8			22.3	21.7	21							
144.3				20.4	19.7	19.8	19.2					
150.9				19.2	18.5	18.5	18	17.7				
157.4					17.4	17.5	16.9	16.6	16.3			
164.0						16.5	15.9	15.6	15.3	14.7		
170.6						15.5	15	14.7	14.4	13.9	13.3	
177.1								13.1	12.8	12.3	11.7	10.1
183.7									12.1	11.6	11	9.7
190.2									11.4	10.9	10.4	9
196.8										10.3	9.8	8.4
203.4											9.2	7.9

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 145+44 lbs

Load capacities with 149 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
111.5	29.1											
118.1	27	26.8										
124.6	25.2	25	24.6									
131.2		23.3	23	22.4								
137.8			21.5	21	20.7	20.3						
144.3			20.2	19.7	19.4	19	18.5					
150.9				18.5	18.2	17.9	17.3	16.9				
157.4					17.1	16.8	16.3	15.9	15.5			
164.0					16.1	15.8	15.3	15	14.6	13.9		
170.6						14.9	14.4	14.1	13.7	13.1	12.4	
177.1							13.6	13.3	12.9	12.4	11.7	10.8
190.2							12.8	12.5	12.2	11.7	11	10.1
196.8								11.8	11.5	11	10.4	9.5
203.4									10.9	10.3	9.8	8.8
209.9									10.3	9.8	9.2	8.1
216.5										9.2	8.7	7.7

Load capacities with 159 ft main boom 66°

Radius (ft)	62 ft	72 ft	82 ft	92 ft	102 ft	112 ft	121 ft	131 ft	141 ft	151 ft	161 ft	171 ft
118.1	28.5											
124.6	26.5	25.9										
131.2	24.7	24.1	23.7									
137.8	23.1	22.5	22.2	21.6								
144.3		21.1	20.8	20.2	19.9							
150.9			19.5	18.9	18.6	18.2	16.4					
157.4				17.8	17.5	17.1	15.5	15				
164.0				16.7	16.4	16.1	14.6	14.2	13.7			
170.6					15.5	15.1	13.7	13.4	12.9	12.2		
177.1						14.3	12.9	12.6	12.2	11.5	10.8	
183.7						13.5	12.2	11.9	11.5	10.9	10.1	9.4
190.2								11.2	10.9	10.3	9.6	8.8
196.8								10.6	10.3	9.7	9	8.3
203.4									9.7	9.2	8.5	7.9
209.9										8.6	8.1	

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