



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 12,000 lb. minimum block weight suspended from main jib point. Capacities indicated by (c) provide less than required jib backward stability with 12,000 lb. minimum block weight suspended from main jib point and minimal jib movement may be observed.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Weight of jib and 6 260 kg suspended beneath jib point sheaves have been included in capacity determination. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with roller path level within a tolerance of 24 mm in 13.7m and properly supported. Refer to Boom Rigging No. 177811, Jib Assembly No. 178021 or No. 178696 and Wire Rope

Specification chart No. 7931-A. Crane operator judgement must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operators Manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 13.7m RINGER attachment, 8 585 mm extendible crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 36.6m No. 49A mast, 16 part boom hoist reeving, boom support straps, four 35 mm jib pendants, strap jib backstays, and 632 810 kg auxiliary counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted	
Boom Length	Jib No. 22EL
129.5m	—
121.9m	—
114.3m	30.5m
106.7m	54.9m
99.1m	73.2m
91.4m	91.4m
Load block, hook, and weight ball on ground at start.	

Upper boom point must be removed from main boom for use of this chart.

Warning! Check amount of auxiliary counterweight on machine before use of this chart.

Consult Chart No. 7923-AM for jib capacities.



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21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125ft.) Boom				
13.7	80.2	40.0	522 600 *c	520 000 *c
14.0	79.8	39.9	515 000 *c	512 400 *c
16.0	76.7	39.5	463 300 *c	461 000 *c
18.0	73.6	38.9	420 500 *c	418 400 *b
20.0	70.4	38.2	384 100 *c	382 200 *b
22.0	67.2	37.4	352 800 *c	351 200 *b
24.0	63.8	36.4	325 600 *b	324 100 *b
26.0	60.4	35.3	301 700 *b	300 300 *b
28.0	56.8	34.0	273 300 *b	271 400 *b
30.0	53.1	32.5	238 500 *b	236 900 *b
32.0	49.1	30.9	209 600 *b	208 200 *
34.0	44.9	28.9	184 200 *b	183 000 *
36.0	40.4	26.6	161 500 *	160 500 *
38.0	35.4	24.0	140 600 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	477 600 *c	475 200 *c
16.0	79.0	47.3	460 000 *c	457 700 *c
18.0	76.4	46.8	416 800 *c	414 800 *c
20.0	73.8	46.2	380 800 *c	378 900 *b
22.0	71.2	45.6	349 700 *c	348 000 *b
24.0	68.5	44.8	322 800 *c	321 200 *b
26.0	65.7	43.9	299 100 *b	297 700 *b
28.0	62.9	42.9	277 400 b	276 000 b
30.0	60.0	41.8	252 700 b	251 300 b
32.0	57.1	40.5	229 000 b	227 700 b
34.0	54.0	39.1	209 000 b	208 000 b
36.0	50.8	37.5	190 500 b	189 400
38.0	47.4	35.7	170 900 *b	169 700 *
40.0	43.8	33.6	153 000 *	152 000 *
42.0	40.0	31.3	136 600 *	135 700 *
44.0	35.8	28.7	121 200 *	
46.0	31.2	25.6	106 500 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	438 400 *c	436 000 *c
18.0	78.4	54.6	413 400 *c	411 200 *c
20.0	76.2	54.2	377 200 *c	375 100 *c
22.0	73.9	53.6	346 300 *c	344 400 *c
24.0	71.7	52.9	319 500 *c	317 800 *b
26.0	69.4	52.2	296 000 *c	294 400 *b
28.0	67.1	51.4	275 100 c	273 600 b
30.0	64.7	50.4	252 600 b	251 100 b
32.0	62.3	49.4	228 500 b	227 200 b
34.0	59.8	48.3	208 600 b	207 400 b
36.0	57.3	47.0	191 300 b	190 200 b
38.0	54.6	45.6	176 200 b	175 200 b
40.0	51.9	44.0	162 800 b	162 000 b
42.0	49.1	42.3	150 900 b	150 200 b
44.0	46.1	40.5	138 800 b	137 900
46.0	43.0	38.4	125 900 *b	125 100 *
48.0	39.7	36.0	113 900 *	113 100 *
50.0	36.2	33.4	102 400 *	
52.0	32.3	30.4	91 300 *	



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21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	412 900 *c	407 400 *c
18.0	79.9	62.4	405 300 *c	402 300 *c
20.0	77.9	62.0	373 300 *c	371 400 *c
22.0	76.0	61.5	342 700 *c	340 800 *c
24.0	74.0	61.0	316 000 *c	314 300 *c
26.0	72.1	60.3	292 700 *c	291 100 *c
28.0	70.1	59.6	272 100 *c	270 600 *b
30.0	68.1	58.8	251 100 c	249 600 b
32.0	66.0	57.9	227 700 c	226 400 b
34.0	63.9	57.0	207 800 b	206 500 b
36.0	61.8	55.9	190 500 b	189 400 b
38.0	59.6	54.7	175 400 b	174 300 b
40.0	57.4	53.5	162 000 b	161 100 b
42.0	55.1	52.1	150 200 b	149 300 b
44.0	52.8	50.6	139 600 b	138 800 b
46.0	50.3	49.0	130 000 b	129 300 b
48.0	47.8	47.2	121 300 b	120 700 b
50.0	45.2	45.2	112 600 b	111 800
52.0	42.4	43.1	103 100 *	102 300 *
54.0	39.5	40.7	94 100 *	93 400 *
56.0	36.4	38.1	85 400 *	
58.0	33.1	35.1	77 000 *	
60.0	29.3	31.7	68 600 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	350 700 * c	345 000 * c
20.0	79.3	69.8	344 800 * c	339 500 * c
22.0	77.6	69.4	335 700 * c	331 600 * c
24.0	75.9	68.9	313 500 * c	312 100 * c
26.0	74.1	68.3	289 500 * c	287 900 * c
28.0	72.4	67.7	269 000 * c	267 400 * c
30.0	70.6	67.0	249 400 c	247 900 c
32.0	68.8	66.2	227 000 c	225 600 b
34.0	67.0	65.4	207 000 c	205 700 b
36.0	65.2	64.5	189 700 c	188 500 b
38.0	63.3	63.5	174 600 c	173 500 b
40.0	61.4	62.4	161 200 c	160 200 b
42.0	59.5	61.2	149 400 b	148 400 b
44.0	57.5	60.0	138 700 b	137 900 b
46.0	55.5	58.6	129 200 b	128 400 b
48.0	53.4	57.1	120 500 b	119 800 b
50.0	51.3	55.6	112 700 b	111 900 b
52.0	49.1	53.8	105 500 b	104 800 b
54.0	46.8	52.0	98 600 b	98 000 b
56.0	44.4	50.0	91 100 * b	90 400 *
58.0	42.0	47.8	83 900 * b	83 200 *
60.0	39.4	45.4	77 000 * b	76 400 *
62.0	36.6	42.8	70 300 *	
64.0	33.7	39.9	63 700 *	
66.0	30.4	36.6	57 200 *	



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21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	300 100 *c	294 400 *c
20.0	80.4	77.6	299 600 *c	293 900 *c
22.0	78.8	77.2	294 200 *c	288 800 *c
24.0	77.3	76.7	288 900 *c	283 700 *c
26.0	75.8	76.2	282 000 *c	278 200 *c
28.0	74.2	75.7	255 600 *c	253 400 *c
30.0	72.6	75.0	233 700 *c	231 600 *c
32.0	71.0	74.4	214 800 *c	212 900 *c
34.0	69.4	73.6	198 200 *c	196 400 *c
36.0	67.8	72.8	183 500 *c	181 900 *b
38.0	66.2	71.9	170 400 *c	168 800 *b
40.0	64.5	71.0	158 500 *c	157 100 *b
42.0	62.8	70.0	147 700 *c	146 400 *b
44.0	61.1	68.9	137 600 b	136 500 *b
46.0	59.4	67.7	128 000 b	127 200 b
48.0	57.6	66.5	119 400 b	118 600 b
50.0	55.8	65.1	111 500 b	110 800 b
52.0	53.9	63.7	104 300 b	103 600 b
54.0	52.0	62.1	97 700 b	96 900 *b
56.0	50.1	60.5	91 100 *b	90 300 *b
58.0	48.1	58.7	84 800 *b	84 000 *b
60.0	46.0	56.8	78 700 *b	78 000 *b
62.0	43.8	54.7	72 900 *b	72 300 *b
64.0	41.6	52.5	67 400 *b	66 700 *b
66.0	39.2	50.1	61 900 *b	61 300 *
68.0	36.8	47.5	56 600 *	
70.0	34.1	44.6	51 400 *	
72.0	31.3	41.4	46 300 *	
74.0	28.2	37.9	41 100 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	258 100 *c	255 500 *c
22.0	79.9	84.9	256 900 *c	254 400 *c
24.0	78.5	84.5	253 200 *c	251 000 *c
26.0	77.1	84.1	249 300 *c	247 300 *c
28.0	75.7	83.6	238 500 *c	236 000 *c
30.0	74.2	83.0	217 000 *c	214 900 *b
32.0	72.8	82.4	199 800 *c	197 800 *b
34.0	71.4	81.7	184 700 *c	182 900 *b
36.0	69.9	81.0	171 500 *c	169 800 *b
38.0	68.5	80.2	159 600 *c	158 100 *b
40.0	67.0	79.4	148 900 *c	147 500 *b
42.0	65.5	78.5	139 100 *b	137 800 *b
44.0	64.0	77.5	130 200 *b	129 000 *b
46.0	62.4	76.5	122 000 *b	120 900 *b
48.0	60.8	75.4	114 400 *b	113 300 *b
50.0	59.3	74.2	107 400 *b	106 300 *b
52.0	57.6	72.9	100 700 *b	99 700 *b
54.0	56.0	71.6	94 400 *b	93 500 *b
56.0	54.3	70.2	88 500 *b	87 700 *b
58.0	52.6	68.7	82 900 *b	82 100 *b
60.0	50.9	67.1	77 600 *b	76 900 *b
62.0	49.1	65.3	72 500 *b	71 800 *
64.0	47.2	63.5	67 600 *b	67 000 *
66.0	45.3	61.6	63 000 *	62 300 *
68.0	43.3	59.5	58 400 *	57 800 *
70.0	41.3	57.2	54 000 *	53 400 *
72.0	39.1	54.8	49 700 *	49 100 *
74.0	36.9	52.2	45 400 *	
76.0	34.5	49.4	41 300 *	
78.0	32.0	46.3	37 100 *	
80.0	29.2	42.8	32 900 *	



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	221 200 *c	218 000 *c
24.0	79.5	92.3	219 500 *c	216 500 *c
26.0	78.2	91.9	216 600 *c	213 800 *c
28.0	76.9	91.4	213 300 *c	210 800 *c
30.0	75.6	90.9	203 000 *c	200 800 *c
32.0	74.3	90.4	185 600 *c	183 600 *c
34.0	73.0	89.8	171 600 *c	169 800 *c
36.0	71.7	89.1	159 300 *c	157 600 *b
38.0	70.3	88.4	148 300 *c	146 700 *b
40.0	69.0	87.6	138 500 *c	137 000 *b
42.0	67.6	86.8	129 500 *c	128 100 *b
44.0	66.3	85.9	121 400 *c	120 100 *b
46.0	64.9	85.0	113 900 *b	112 600 *b
48.0	63.5	84.0	106 900 *b	105 800 *b
50.0	62.1	83.0	100 500 *b	99 400 *b
52.0	60.6	81.9	94 400 *b	93 400 *b
54.0	59.2	80.7	88 800 *b	87 800 *b
56.0	57.7	79.4	83 500 *b	82 500 *b
58.0	56.2	78.1	78 400 *b	77 500 *b
60.0	54.7	76.7	73 600 *b	72 800 *b
62.0	53.1	75.2	69 100 *b	68 200 *b
64.0	51.5	73.6	64 700 *b	63 900 *b
66.0	49.9	72.0	60 500 *b	59 800 *b
68.0	48.2	70.2	56 500 *b	55 800 *
70.0	46.5	68.3	52 500 *b	51 900 *
72.0	44.7	66.3	48 800 *b	48 200 *
74.0	42.9	64.2	45 100 *	44 600 *
76.0	41.0	61.9	41 500 *	41 000 *
78.0	39.0	59.5	38 000 *	37 500 *
80.0	37.0	56.9	34 600 *	
82.0	34.8	54.1	31 100 *	
84.0	32.5	51.0	27 700 *	
86.0	30.1	47.7	24 300 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	184 200 *c	179 200 *c
24.0	80.3	100.1	184 200 *c	179 200 *c
26.0	79.1	99.7	184 200 *c	179 200 *c
28.0	77.9	99.3	184 200 *c	179 200 *c
30.0	76.7	98.8	183 700 *c	179 200 *c
32.0	75.5	98.3	172 800 *c	170 800 *c
34.0	74.3	97.7	159 600 *c	157 700 *c
36.0	73.1	97.1	148 100 *c	146 400 *c
38.0	71.9	96.5	137 800 *c	136 200 *c
40.0	70.7	95.8	128 600 *c	127 100 *b
42.0	69.4	95.0	120 200 *c	118 800 *b
44.0	68.2	94.2	112 600 *c	111 300 *b
46.0	66.9	93.4	105 600 *c	104 400 *b
48.0	65.7	92.5	99 200 *c	98 100 *b
50.0	64.4	91.5	93 300 *c	92 200 *b
52.0	63.1	90.5	87 700 *c	86 700 *b
54.0	61.8	89.5	82 500 *b	81 500 *b
56.0	60.5	88.4	77 600 *b	76 700 *b
58.0	59.1	87.2	73 100 *b	72 100 *b
60.0	57.8	85.9	68 700 *b	67 800 *b
62.0	56.4	84.6	64 500 *b	63 700 *b
64.0	55.0	83.2	60 600 *b	59 800 *b
66.0	53.5	81.7	56 800 *b	56 000 *b
68.0	52.1	80.2	53 100 *b	52 400 *b
70.0	50.6	78.6	49 700 *b	49 000 *b
72.0	49.0	76.8	46 300 *b	45 600 *b
74.0	47.5	75.0	43 000 *b	42 400 *b
76.0	45.9	73.1	39 800 *b	39 200 *b
78.0	44.2	71.1	36 700 *b	36 200 *b
80.0	42.5	68.9	33 700 *b	33 200 *
82.0	40.8	66.7	30 800 *	30 300 *
84.0	39.0	64.2	27 900 *	27 400 *
86.0	37.1	61.6	25 000 *	24 600 *
88.0	35.1	58.8	22 100 *	
90.0	33.0	55.8	19 300 *	
92.0	30.8	52.5	16 500 *	



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	151 100 *c	146 100 *c
26.0	79.9	107.4	151 100 *c	146 100 *c
28.0	78.8	107.1	151 100 *c	146 100 *c
30.0	77.7	106.6	151 100 *c	146 100 *c
32.0	76.6	106.1	151 100 *c	146 100 *c
34.0	75.5	105.6	148 400 *c	144 400 *c
36.0	74.4	105.1	137 500 *c	136 100 *c
38.0	73.2	104.5	127 700 *c	126 000 *c
40.0	72.1	103.8	119 000 *c	117 400 *c
42.0	71.0	103.2	111 100 *c	109 700 *c
44.0	69.8	102.4	103 900 *c	102 600 *c
46.0	68.7	101.7	97 400 *c	96 100 *b
48.0	67.5	100.8	91 400 *c	90 200 *b
50.0	66.4	100.0	85 800 *c	84 600 *b
52.0	65.2	99.0	80 600 *c	79 600 *b
54.0	64.0	98.1	75 800 *c	74 700 *b
56.0	62.8	97.0	71 300 *c	70 300 *b
58.0	61.5	96.0	67 000 *b	66 100 *b
60.0	60.3	94.8	63 000 *b	62 100 *b
62.0	59.1	93.7	59 200 *b	58 300 *b
64.0	57.8	92.4	55 500 *b	54 700 *b
66.0	56.5	91.1	52 000 *b	51 200 *b
68.0	55.2	89.7	48 700 *b	48 000 *b
70.0	53.9	88.3	45 500 *b	44 800 *b
72.0	52.5	86.7	42 500 *b	41 800 *b
74.0	51.2	85.1	39 500 *b	38 800 *b
76.0	49.8	83.5	36 600 *b	36 000 *b
78.0	48.3	81.7	33 900 *b	33 200 *b
80.0	46.9	79.9	31 100 *b	30 600 *b
82.0	45.4	77.9	28 500 *b	28 000 *b
84.0	43.8	75.8	25 900 *b	25 400 *b
86.0	42.2	73.7	23 400 *b	22 900 *
88.0	40.6	71.4	21 000 *b	20 500 *
90.0	38.9	68.9	18 500 *b	18 000 *
92.0	37.1	66.3	16 100 *	15 700 *

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
114.3m (375 ft.) Boom				
25.9	80.6	115.2	123 900 *c	118 400 *c
26.0	80.6	115.2	123 900 *c	118 400 *c
28.0	79.5	114.8	123 900 *c	118 400 *c
30.0	78.5	114.4	123 900 *c	118 400 *c
32.0	77.5	114.0	123 900 *c	118 400 *c
34.0	76.5	113.5	123 900 *c	118 400 *c
36.0	75.4	113.0	123 900 *c	118 400 *c
38.0	74.4	112.4	118 300 *c	116 400 *c
40.0	73.3	111.8	110 000 *c	108 500 *c
42.0	72.3	111.2	102 500 *c	101 100 *c
44.0	71.2	110.5	95 700 *c	94 300 *c
46.0	70.2	109.8	89 500 *c	88 200 *c
48.0	69.1	109.1	83 800 *c	82 600 *c
50.0	68.0	108.3	78 600 *c	77 400 *b
52.0	66.9	107.4	73 700 *c	72 600 *b
54.0	65.8	106.5	69 100 *c	68 100 *b
56.0	64.7	105.6	64 900 *c	63 900 *b
58.0	63.6	104.6	60 900 *c	59 900 *b
60.0	62.5	103.6	57 100 *c	56 200 *b
62.0	61.3	102.5	53 500 *c	52 700 *b
64.0	60.2	101.3	50 200 *b	49 300 *b
66.0	59.0	100.1	47 000 *b	46 100 *b
68.0	57.8	98.9	43 900 *b	43 100 *b
70.0	56.6	97.6	40 900 *b	40 200 *b
72.0	55.4	96.2	38 100 *b	37 400 *b
74.0	54.2	94.8	35 400 *b	34 700 *b
76.0	52.9	93.3	32 800 *b	32 100 *b
78.0	51.7	91.7	30 300 *b	29 600 *b
80.0	50.4	90.1	27 800 *b	27 200 *b
82.0	49.0	88.4	25 400 *b	24 800 *b
84.0	47.7	86.5	23 100 *b	22 500 *b
86.0	46.3	84.7	20 800 *b	20 300 *b
88.0	44.9	82.7	18 600 *b	18 100 *b
90.0	43.4	80.6	16 500 *b	16 000 *b



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	520 700 *c	517 800 *c
14.0	79.8	39.9	513 100 *c	510 200 *c
16.0	76.7	39.5	461 300 *c	458 800 *b
18.0	73.6	38.9	418 500 *c	416 200 *b
20.0	70.4	38.2	382 100 *b	380 000 *b
22.0	67.2	37.4	350 800 *b	348 900 *b
24.0	63.8	36.4	323 600 *b	321 800 *b
26.0	60.4	35.3	299 600 *b	298 000 *b
28.0	56.8	34.0	270 600 *b	268 300 *
30.0	53.1	32.5	235 800 *b	234 000 *
32.0	49.1	30.9	207 000 *	205 400 *
34.0	44.9	28.9	181 600 *	180 200 *
36.0	40.4	26.6	158 900 *	157 700 *
38.0	35.4	24.0	138 000 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	475 800 *c	473 000 *b
16.0	79.0	47.3	458 100 *c	455 500 *b
18.0	76.4	46.8	414 900 *c	412 600 *b
20.0	73.8	46.2	378 800 *c	376 700 *b
22.0	71.2	45.6	347 800 *c	345 800 *b
24.0	68.5	44.8	320 800 *b	319 000 *b
26.0	65.7	43.9	297 100 *b	295 500 *b
28.0	62.9	42.9	275 500 b	273 900 b
30.0	60.0	41.8	250 800 b	249 300 b
32.0	57.1	40.5	227 100 b	225 800 b
34.0	54.0	39.1	207 200 b	206 000
36.0	50.8	37.5	188 300	187 100 *
38.0	47.4	35.7	168 400 *	167 200 *
40.0	43.8	33.6	150 600 *	149 500 *
42.0	40.0	31.3	134 200 *	133 200 *
44.0	35.8	28.7	118 800 *	
46.0	31.2	25.5	104 100 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	436 400 * c	433 900 * c
18.0	78.4	54.6	411 400 * c	409 000 * c
20.0	76.2	54.2	375 200 * c	373 000 * b
22.0	73.9	53.6	344 300 * c	342 400 * b
24.0	71.7	52.9	317 600 * c	315 700 * b
26.0	69.4	52.2	294 000 * c	292 400 * b
28.0	67.1	51.4	273 200 b	271 600 b
30.0	64.7	50.4	250 800 b	249 200 b
32.0	62.3	49.4	226 800 b	225 300 b
34.0	59.8	48.3	206 900 b	205 500 b
36.0	57.3	47.0	189 600 b	188 400 b
38.0	54.6	45.6	174 500 b	173 400
40.0	51.9	44.0	161 100 b	160 100
42.0	49.1	42.3	149 300	148 300
44.0	46.1	40.5	136 700	135 600 *
46.0	43.0	38.4	123 700 *	122 800 *
48.0	39.7	36.0	111 700 *	110 800 *
50.0	36.2	33.4	100 200 *	
52.0	32.3	30.4	89 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	411 300 *c	405 400 *c
18.0	79.9	62.4	403 600 *c	400 300 *c
20.0	77.9	62.0	371 600 *c	369 300 *c
22.0	76.0	61.5	340 900 *c	338 800 *c
24.0	74.0	61.0	314 200 *c	312 300 *b
26.0	72.1	60.3	290 900 *c	289 100 *b
28.0	70.1	59.6	270 200 *c	268 600 *b
30.0	68.1	58.8	249 400 b	247 700 b
32.0	66.0	57.9	226 100 b	224 600 b
34.0	63.9	57.0	206 100 b	204 800 b
36.0	61.8	55.9	188 900 b	187 600 b
38.0	59.6	54.7	173 800 b	172 600 b
40.0	57.4	53.5	160 400 b	159 400 b
42.0	55.1	52.1	148 600 b	147 600 b
44.0	52.8	50.6	138 000 b	137 100
46.0	50.3	49.0	128 400 b	127 600
48.0	47.8	47.2	119 800 b	118 900
50.0	45.2	45.2	110 600 *	109 700 *
52.0	42.4	43.1	101 000 *	100 200 *
54.0	39.5	40.7	92 000 *	91 300 *
56.0	36.4	38.1	83 300 *	
58.0	33.1	35.1	74 900 *	
60.0	29.3	31.7	66 600 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	348 900 *c	343 000 *c
20.0	79.3	69.8	343 000 *c	337 400 *c
22.0	77.6	69.4	333 900 *c	329 500 *c
24.0	75.9	68.9	311 700 *c	310 100 *c
26.0	74.1	68.3	287 700 *c	285 900 *b
28.0	72.4	67.7	267 200 *c	265 500 *b
30.0	70.6	67.0	247 700 c	246 000 *b
32.0	68.8	66.2	225 400 c	223 800 b
34.0	67.0	65.4	205 500 c	204 000 b
36.0	65.2	64.5	188 200 b	186 800 b
38.0	63.3	63.5	173 100 b	171 800 b
40.0	61.4	62.4	159 700 b	158 600 b
42.0	59.5	61.2	147 800 b	146 800 b
44.0	57.5	60.0	137 200 b	136 300 b
46.0	55.5	58.6	127 700 b	126 800 b
48.0	53.4	57.1	119 000 b	118 200 b
50.0	51.3	55.6	111 200 b	110 400
52.0	49.1	53.8	103 900 b	103 200
54.0	46.8	52.0	96 700 *b	95 800 *
56.0	44.4	50.0	89 100 *	88 300 *
58.0	42.0	47.8	82 000 *	81 200 *
60.0	39.4	45.4	75 000 *	74 300 *
62.0	36.6	42.8	68 300 *	
64.0	33.7	39.9	61 800 *	
66.0	30.4	36.6	55 300 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	298 500 *c	292 400 *c
20.0	80.4	77.6	297 900 *c	291 900 *c
22.0	78.8	77.2	292 500 *c	286 800 *c
24.0	77.3	76.7	287 200 *c	281 700 *c
26.0	75.8	76.2	279 800 *c	276 200 *c
28.0	74.2	75.7	253 500 *c	251 000 *c
30.0	72.6	75.0	231 600 *c	229 200 *b
32.0	71.0	74.4	212 700 *c	210 600 *b
34.0	69.4	73.6	196 200 *c	194 200 *b
36.0	67.8	72.8	181 500 *c	179 700 *b
38.0	66.2	71.9	168 400 *c	166 700 *b
40.0	64.5	71.0	156 500 *c	154 900 *b
42.0	62.8	70.0	145 700 *b	144 200 *b
44.0	61.1	68.9	135 800 *b	134 500 *b
46.0	59.4	67.7	126 600 b	125 400 *b
48.0	57.6	66.5	117 900 b	117 000 *b
50.0	55.8	65.1	110 100 b	109 100 *b
52.0	53.9	63.7	102 800 *b	101 800 *b
54.0	52.0	62.1	95 800 *b	94 800 *b
56.0	50.1	60.5	89 200 *b	88 300 *b
58.0	48.1	58.7	82 900 *b	82 000 *b
60.0	46.0	56.8	76 800 *b	76 000 *
62.0	43.8	54.7	71 100 *	70 300 *
64.0	41.6	52.5	65 500 *	64 800 *
66.0	39.2	50.1	60 100 *	59 400 *
68.0	36.8	47.5	54 800 *	
70.0	34.1	44.6	49 600 *	
72.0	31.3	41.4	44 400 *	
74.0	28.2	37.9	39 200 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	257 500 *c	255 000 *c
22.0	79.9	84.9	256 200 *c	253 900 *c
24.0	78.5	84.5	252 600 *c	250 500 *b
26.0	77.1	84.1	248 800 *c	246 900 *b
28.0	75.7	83.6	236 200 *c	233 500 *b
30.0	74.2	83.0	215 000 *c	212 600 *b
32.0	72.8	82.4	197 800 *c	195 600 *b
34.0	71.4	81.7	182 800 *c	180 700 *b
36.0	69.9	81.0	169 500 *b	167 600 *b
38.0	68.5	80.2	157 700 *b	155 900 *b
40.0	67.0	79.4	147 000 *b	145 400 *b
42.0	65.5	78.5	137 200 *b	135 800 *b
44.0	64.0	77.5	128 300 *b	126 900 *b
46.0	62.4	76.5	120 100 *b	118 800 *b
48.0	60.8	75.4	112 500 *b	111 300 *b
50.0	59.3	74.2	105 500 *b	104 300 *b
52.0	57.6	72.9	98 800 *b	97 700 *
54.0	56.0	71.6	92 600 *b	91 500 *
56.0	54.3	70.2	86 700 *b	85 700 *
58.0	52.6	68.7	81 100 *b	80 200 *
60.0	50.9	67.1	75 800 *	74 900 *
62.0	49.1	65.3	70 700 *	69 900 *
64.0	47.2	63.5	65 800 *	65 100 *
66.0	45.3	61.6	61 100 *	60 400 *
68.0	43.3	59.5	56 600 *	55 900 *
70.0	41.3	57.2	52 200 *	51 500 *
72.0	39.1	54.8	47 800 *	47 300 *
74.0	36.9	52.2	43 600 *	
76.0	34.5	49.4	39 500 *	
78.0	32.0	46.3	35 300 *	
80.0	29.2	42.8	31 100 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	220 400 *c	217 200 *c
24.0	79.5	92.3	218 800 *c	215 800 *c
26.0	78.2	91.9	215 900 *c	213 200 *b
28.0	76.9	91.4	212 300 *c	209 800 *b
30.0	75.6	90.9	200 800 *c	198 400 *b
32.0	74.3	90.4	183 700 *c	181 500 *b
34.0	73.0	89.8	169 700 *c	167 600 *b
36.0	71.7	89.1	157 400 *c	155 500 *b
38.0	70.3	88.4	146 400 *c	144 700 *b
40.0	69.0	87.6	136 600 *b	134 900 *b
42.0	67.6	86.8	127 600 *b	126 100 *b
44.0	66.3	85.9	119 500 *b	118 000 *b
46.0	64.9	85.0	112 000 *b	110 600 *b
48.0	63.5	84.0	105 100 *b	103 800 *b
50.0	62.1	83.0	98 600 *b	97 400 *b
52.0	60.6	81.9	92 600 *b	91 500 *b
54.0	59.2	80.7	86 900 *b	85 900 *b
56.0	57.7	79.4	81 600 *b	80 600 *b
58.0	56.2	78.1	76 600 *b	75 600 *b
60.0	54.7	76.7	71 800 *b	70 900 *b
62.0	53.1	75.2	67 200 *b	66 400 *
64.0	51.5	73.6	62 900 *b	62 100 *
66.0	49.9	72.0	58 700 *b	57 900 *
68.0	48.2	70.2	54 700 *	53 900 *
70.0	46.5	68.3	50 800 *	50 100 *
72.0	44.7	66.3	47 000 *	46 300 *
74.0	42.9	64.2	43 400 *	42 700 *
76.0	41.0	61.9	39 800 *	39 200 *
78.0	39.0	59.5	36 300 *	35 700 *
80.0	37.0	56.9	32 800 *	
82.0	34.8	54.1	29 400 *	
84.0	32.5	51.0	26 000 *	
86.0	30.1	47.7	22 500 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	181 900 *c	176 700 *c
24.0	80.3	100.1	181 900 *c	176 700 *c
26.0	79.1	99.7	181 900 *c	176 700 *c
28.0	77.9	99.3	181 900 *c	176 700 *c
30.0	76.7	98.8	181 900 *c	176 700 *c
32.0	75.5	98.3	170 800 *c	168 600 *c
34.0	74.3	97.7	157 700 *c	155 700 *b
36.0	73.1	97.1	146 200 *c	144 300 *b
38.0	71.9	96.5	135 900 *c	134 100 *b
40.0	70.7	95.8	126 700 *c	125 000 *b
42.0	69.4	95.0	118 400 *c	116 800 *b
44.0	68.2	94.2	110 800 *c	109 300 *b
46.0	66.9	93.4	103 800 *b	102 400 *b
48.0	65.7	92.5	97 400 *b	96 100 *b
50.0	64.4	91.5	91 500 *b	90 300 *b
52.0	63.1	90.5	86 000 *b	84 800 *b
54.0	61.8	89.5	80 700 *b	79 600 *b
56.0	60.5	88.4	75 900 *b	74 800 *b
58.0	59.1	87.2	71 300 *b	70 300 *b
60.0	57.8	85.9	66 900 *b	65 900 *b
62.0	56.4	84.6	62 800 *b	61 900 *b
64.0	55.0	83.2	58 800 *b	57 900 *b
66.0	53.5	81.7	55 000 *b	54 200 *b
68.0	52.1	80.2	51 400 *b	50 600 *
70.0	50.6	78.6	47 900 *b	47 200 *
72.0	49.0	76.8	44 500 *b	43 800 *
74.0	47.5	75.0	41 300 *b	40 600 *
76.0	45.9	73.1	38 100 *	37 400 *
78.0	44.2	71.1	35 000 *	34 400 *
80.0	42.5	68.9	32 000 *	31 400 *
82.0	40.8	66.7	29 000 *	28 500 *
84.0	39.0	64.2	26 100 *	25 600 *
86.0	37.1	61.6	23 300 *	22 800 *
88.0	35.1	58.8	20 500 *	
90.0	33.0	55.8	17 600 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	149 100 *c	143 800 *c
26.0	79.9	107.4	149 100 *c	143 800 *c
28.0	78.8	107.1	149 100 *c	143 800 *c
30.0	77.7	106.6	149 100 *c	143 800 *c
32.0	76.6	106.1	149 100 *c	143 800 *c
34.0	75.5	105.6	146 500 *c	142 200 *c
36.0	74.4	105.1	135 700 *c	134 100 *c
38.0	73.2	104.5	125 900 *c	124 100 *b
40.0	72.1	103.8	117 200 *c	115 500 *b
42.0	71.0	103.2	109 300 *c	107 700 *b
44.0	69.8	102.4	102 200 *c	100 600 *b
46.0	68.7	101.7	95 600 *c	94 200 *b
48.0	67.5	100.8	89 600 *c	88 200 *b
50.0	66.4	100.0	84 100 *c	82 800 *b
52.0	65.2	99.0	78 900 *b	77 600 *b
54.0	64.0	98.1	74 100 *b	72 900 *b
56.0	62.8	97.0	69 600 *b	68 500 *b
58.0	61.5	96.0	65 300 *b	64 200 *b
60.0	60.3	94.8	61 300 *b	60 300 *b
62.0	59.1	93.7	57 500 *b	56 500 *b
64.0	57.8	92.4	53 800 *b	52 900 *b
66.0	56.5	91.1	50 300 *b	49 500 *b
68.0	55.2	89.7	47 000 *b	46 200 *b
70.0	53.9	88.3	43 800 *b	43 000 *b
72.0	52.5	86.7	40 800 *b	40 000 *b
74.0	51.2	85.1	37 800 *b	37 100 *
76.0	49.8	83.5	34 900 *b	34 200 *
78.0	48.3	81.7	32 200 *b	31 500 *
80.0	46.9	79.9	29 500 *b	28 800 *
82.0	45.4	77.9	26 900 *b	26 200 *
84.0	43.8	75.8	24 300 *	23 700 *
86.0	42.2	73.7	21 800 *	21 200 *
88.0	40.6	71.4	19 300 *	18 800 *
90.0	38.9	68.9	16 900 *	16 400 *

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
114.3m (375 ft.) Boom				
25.9	80.6	115.2	122 000 *c	116 400 *c
26.0	80.6	115.2	122 000 *c	116 400 *c
28.0	79.5	114.8	122 000 *c	116 400 *c
30.0	78.5	114.4	122 000 *c	116 400 *c
32.0	77.5	114.0	122 000 *c	116 400 *c
34.0	76.5	113.5	122 000 *c	116 400 *c
36.0	75.4	113.0	122 000 *c	116 400 *c
38.0	74.4	112.4	116 500 *c	114 400 *c
40.0	73.3	111.8	108 200 *c	106 500 *c
42.0	72.3	111.2	100 700 *c	99 100 *b
44.0	71.2	110.5	93 900 *c	92 400 *b
46.0	70.2	109.8	87 700 *c	86 300 *b
48.0	69.1	109.1	82 000 *c	80 700 *b
50.0	68.0	108.3	76 800 *c	75 500 *b
52.0	66.9	107.4	72 000 *c	70 700 *b
54.0	65.8	106.5	67 400 *c	66 200 *b
56.0	64.7	105.6	63 200 *b	62 000 *b
58.0	63.6	104.6	59 200 *b	58 100 *b
60.0	62.5	103.6	55 400 *b	54 400 *b
62.0	61.3	102.5	51 900 *b	50 900 *b
64.0	60.2	101.3	48 500 *b	47 500 *b
66.0	59.0	100.1	45 300 *b	44 400 *b
68.0	57.8	98.9	42 200 *b	41 400 *b
70.0	56.6	97.6	39 200 *b	38 400 *b
72.0	55.4	96.2	36 400 *b	35 600 *b
74.0	54.2	94.8	33 700 *b	33 000 *b
76.0	52.9	93.3	31 100 *b	30 400 *b
78.0	51.7	91.7	28 600 *b	27 900 *b
80.0	50.4	90.1	26 200 *b	25 500 *b
82.0	49.0	88.4	23 800 *b	23 100 *b
84.0	47.7	86.5	21 500 *b	20 800 *
86.0	46.3	84.7	19 200 *b	18 600 *
88.0	44.9	82.7	17 000 *b	16 400 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	518 000 * c	514 600 * b
14.0	79.8	39.9	510 400 * c	507 000 * b
16.0	76.7	39.5	458 500 * c	455 400 * b
18.0	73.6	38.9	415 600 * b	412 800 * b
20.0	70.4	38.2	379 200 * b	376 700 * b
22.0	67.2	37.4	347 800 * b	345 500 *
24.0	63.8	36.4	320 600 * b	318 500 *
26.0	60.4	35.3	296 500 *	294 600 *
28.0	56.8	34.0	266 200 *	263 500 *
30.0	53.1	32.5	231 700 *	229 500 *
32.0	49.1	30.9	202 900 *	201 000 *
34.0	44.9	28.9	177 600 *	176 000 *
36.0	40.4	26.6	154 900 *	153 500 *
38.0	35.4	24.0	134 000 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	473 100 * c	469 900 * b
16.0	79.0	47.3	455 500 * c	452 300 * b
18.0	76.4	46.8	412 300 * b	409 400 * b
20.0	73.8	46.2	376 100 * b	373 500 * b
22.0	71.2	45.6	345 000 * b	342 600 * b
24.0	68.5	44.8	318 000 * b	315 800 * b
26.0	65.7	43.9	294 300 * b	292 300 *
28.0	62.9	42.9	272 600 b	270 700
30.0	60.0	41.8	248 000	246 200
32.0	57.1	40.5	224 300	222 700
34.0	54.0	39.1	204 300	202 800
36.0	50.8	37.5	184 800 *	183 000 *
38.0	47.4	35.7	164 800 *	163 300 *
40.0	43.8	33.6	147 000 *	145 700 *
42.0	40.0	31.3	130 600 *	129 500 *
44.0	35.8	28.7	115 300 *	
46.0	31.2	25.5	100 700 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	433 900 * c	430 800 * b
18.0	78.4	54.6	408 900 * c	405 900 * b
20.0	76.2	54.2	372 600 * c	370 000 * b
22.0	73.9	53.6	341 700 * b	339 300 * b
24.0	71.7	52.9	314 900 * b	312 700 * b
26.0	69.4	52.2	291 400 * b	289 300 * b
28.0	67.1	51.4	270 500 b	268 500 b
30.0	64.7	50.4	248 200 b	246 200
32.0	62.3	49.4	224 200 b	222 500
34.0	59.8	48.3	204 300 b	202 700
36.0	57.3	47.0	187 100	185 600
38.0	54.6	45.6	172 000	170 700
40.0	51.9	44.0	158 700	157 500
42.0	49.1	42.3	146 500	145 300
44.0	46.1	40.5	133 400 *	132 100 *
46.0	43.0	38.4	120 500 *	119 400 *
48.0	39.7	36.0	108 500 *	107 500 *
50.0	36.2	33.4	97 000 *	
52.0	32.3	30.4	86 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	408 800 * c	402 500 * b
18.0	79.9	62.4	401 100 * c	397 300 * b
20.0	77.9	62.0	369 100 * c	366 400 * b
22.0	76.0	61.5	338 400 * c	335 900 * b
24.0	74.0	61.0	311 700 * b	309 400 * b
26.0	72.1	60.3	288 400 * b	286 200 * b
28.0	70.1	59.6	267 700 * b	265 700 * b
30.0	68.1	58.8	246 900 b	244 900 b
32.0	66.0	57.9	223 700 b	221 800 b
34.0	63.9	57.0	203 700 b	202 100 b
36.0	61.8	55.9	186 500 b	185 000 b
38.0	59.6	54.7	171 400 b	170 000
40.0	57.4	53.5	158 100 b	156 800
42.0	55.1	52.1	146 300	145 100
44.0	52.8	50.6	135 700	134 600
46.0	50.3	49.0	126 200	125 200
48.0	47.8	47.2	117 200	116 200
50.0	45.2	45.2	107 600 *	106 500 *
52.0	42.4	43.1	98 100 *	97 100 *
54.0	39.5	40.7	89 100 *	88 200 *
56.0	36.4	38.1	80 400 *	
58.0	33.1	35.1	72 000 *	
60.0	29.3	31.7	63 700 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	346 600 * c	340 100 * b
20.0	79.3	69.8	340 700 * c	334 400 * b
22.0	77.6	69.4	331 500 * c	326 600 * b
24.0	75.9	68.9	309 400 * c	307 400 * b
26.0	74.1	68.3	285 300 * c	283 200 * b
28.0	72.4	67.7	264 800 * c	262 700 * b
30.0	70.6	67.0	245 200 * b	242 800 * b
32.0	68.8	66.2	223 200 b	221 300 b
34.0	67.0	65.4	203 200 b	201 500 b
36.0	65.2	64.5	186 000 b	184 300 b
38.0	63.3	63.5	170 800 b	169 400 b
40.0	61.4	62.4	157 500 b	156 200 b
42.0	59.5	61.2	145 700 b	144 400
44.0	57.5	60.0	135 100 b	133 900
46.0	55.5	58.6	125 500 b	124 500
48.0	53.4	57.1	116 900	115 900
50.0	51.3	55.6	109 000	108 100
52.0	49.1	53.8	101 800 *	100 600 *
54.0	46.8	52.0	93 900 *	92 800 *
56.0	44.4	50.0	86 400 *	85 400 *
58.0	42.0	47.8	79 200 *	78 300 *
60.0	39.4	45.4	72 300 *	71 400 *
62.0	36.6	42.8	65 600 *	
64.0	33.7	39.9	59 000 *	
66.0	30.4	36.6	52 500 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	296 200 *c	289 600 *c
20.0	80.4	77.6	295 700 *c	289 100 *c
22.0	78.8	77.2	290 300 *c	284 000 *b
24.0	77.3	76.7	284 800 *c	278 800 *b
26.0	75.8	76.2	276 700 *c	273 200 *b
28.0	74.2	75.7	250 500 *c	247 300 *b
30.0	72.6	75.0	228 600 *c	225 700 *b
32.0	71.0	74.4	209 800 *b	207 100 *b
34.0	69.4	73.6	193 300 *b	190 900 *b
36.0	67.8	72.8	178 600 *b	176 400 *b
38.0	66.2	71.9	165 500 *b	163 500 *b
40.0	64.5	71.0	153 700 *b	151 800 *b
42.0	62.8	70.0	142 900 *b	141 200 *b
44.0	61.1	68.9	133 000 *b	131 400 *b
46.0	59.4	67.7	123 900 *b	122 400 *
48.0	57.6	66.5	115 400 *b	114 000 *
50.0	55.8	65.1	107 600 *b	106 200 *
52.0	53.9	63.7	100 100 *b	98 900 *
54.0	52.0	62.1	93 100 *	92 000 *
56.0	50.1	60.5	86 500 *	85 400 *
58.0	48.1	58.7	80 200 *	79 200 *
60.0	46.0	56.8	74 200 *	73 300 *
62.0	43.8	54.7	68 400 *	67 600 *
64.0	41.6	52.5	62 800 *	62 000 *
66.0	39.2	50.1	57 400 *	56 700 *
68.0	36.8	47.5	52 200 *	
70.0	34.1	44.6	47 000 *	
72.0	31.3	41.4	41 800 *	
74.0	28.2	37.9	36 700 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	257 100 *c	254 900 *b
22.0	79.9	84.9	256 000 *c	253 800 *b
24.0	78.5	84.5	252 400 *c	250 600 *b
26.0	77.1	84.1	248 600 *c	247 000 *b
28.0	75.7	83.6	232 900 *b	229 500 *b
30.0	74.2	83.0	212 000 *b	209 100 *b
32.0	72.8	82.4	194 900 *b	192 300 *b
34.0	71.4	81.7	179 900 *b	177 500 *b
36.0	69.9	81.0	166 700 *b	164 400 *b
38.0	68.5	80.2	154 900 *b	152 800 *
40.0	67.0	79.4	144 200 *b	142 300 *
42.0	65.5	78.5	134 500 *b	132 700 *
44.0	64.0	77.5	125 600 *b	124 000 *
46.0	62.4	76.5	117 500 *b	115 900 *
48.0	60.8	75.4	109 900 *b	108 400 *
50.0	59.3	74.2	102 800 *	101 400 *
52.0	57.6	72.9	96 200 *	94 900 *
54.0	56.0	71.6	90 000 *	88 700 *
56.0	54.3	70.2	84 100 *	83 000 *
58.0	52.6	68.7	78 500 *	77 500 *
60.0	50.9	67.1	73 200 *	72 200 *
62.0	49.1	65.3	68 100 *	67 200 *
64.0	47.2	63.5	63 300 *	62 400 *
66.0	45.3	61.6	58 600 *	57 800 *
68.0	43.3	59.5	54 100 *	53 300 *
70.0	41.3	57.2	49 700 *	48 900 *
72.0	39.1	54.8	45 400 *	44 700 *
74.0	36.9	52.2	41 100 *	
76.0	34.5	49.4	37 000 *	
78.0	32.0	46.3	32 900 *	
80.0	29.2	42.8	28 700 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	218 900 * c	213 700 * b
24.0	79.5	92.3	218 000 * c	213 700 * b
26.0	78.2	91.9	215 400 * c	212 900 * b
28.0	76.9	91.4	211 300 * c	208 800 * b
30.0	75.6	90.9	197 700 * b	194 700 * b
32.0	74.3	90.4	180 900 * b	178 200 * b
34.0	73.0	89.8	167 000 * b	164 500 * b
36.0	71.7	89.1	154 700 * b	152 400 * b
38.0	70.3	88.4	143 800 * b	141 600 * b
40.0	69.0	87.6	133 900 * b	131 900 * b
42.0	67.6	86.8	125 000 * b	123 200 * b
44.0	66.3	85.9	116 900 * b	115 100 * b
46.0	64.9	85.0	109 400 * b	107 800 * b
48.0	63.5	84.0	102 500 * b	100 900 * b
50.0	62.1	83.0	96 100 * b	94 600 *
52.0	60.6	81.9	90 100 * b	88 700 *
54.0	59.2	80.7	84 400 * b	83 100 *
56.0	57.7	79.4	79 100 *	77 900 *
58.0	56.2	78.1	74 100 *	72 900 *
60.0	54.7	76.7	69 300 *	68 200 *
62.0	53.1	75.2	64 800 *	63 700 *
64.0	51.5	73.6	60 400 *	59 500 *
66.0	49.9	72.0	56 300 *	55 300 *
68.0	48.2	70.2	52 200 *	51 400 *
70.0	46.5	68.3	48 400 *	47 500 *
72.0	44.7	66.3	44 600 *	43 800 *
74.0	42.9	64.2	41 000 *	40 200 *
76.0	41.0	61.9	37 400 *	36 700 *
78.0	39.0	59.5	33 900 *	33 200 *
80.0	37.0	56.9	30 400 *	
82.0	34.8	54.1	27 000 *	
84.0	32.5	51.0	23 600 *	
86.0	30.1	47.7	20 200 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	177 300 *c	172 000 *b
24.0	80.3	100.1	177 300 *c	172 000 *b
26.0	79.1	99.7	177 300 *c	172 000 *b
28.0	77.9	99.3	177 300 *c	172 000 *b
30.0	76.7	98.8	177 300 *c	172 000 *b
32.0	75.5	98.3	168 200 *c	165 400 *b
34.0	74.3	97.7	155 100 *c	152 600 *b
36.0	73.1	97.1	143 600 *b	141 300 *b
38.0	71.9	96.5	133 400 *b	131 200 *b
40.0	70.7	95.8	124 200 *b	122 100 *b
42.0	69.4	95.0	115 900 *b	114 000 *b
44.0	68.2	94.2	108 300 *b	106 500 *b
46.0	66.9	93.4	101 400 *b	99 700 *b
48.0	65.7	92.5	95 000 *b	93 400 *b
50.0	64.4	91.5	89 100 *b	87 500 *b
52.0	63.1	90.5	83 500 *b	82 100 *b
54.0	61.8	89.5	78 300 *b	77 000 *b
56.0	60.5	88.4	73 500 *b	72 200 *
58.0	59.1	87.2	68 900 *b	67 700 *
60.0	57.8	85.9	64 500 *b	63 400 *
62.0	56.4	84.6	60 400 *	59 300 *
64.0	55.0	83.2	56 400 *	55 400 *
66.0	53.5	81.7	52 700 *	51 700 *
68.0	52.1	80.2	49 100 *	48 100 *
70.0	50.6	78.6	45 600 *	44 700 *
72.0	49.0	76.8	42 200 *	41 300 *
74.0	47.5	75.0	39 000 *	38 200 *
76.0	45.9	73.1	35 800 *	35 000 *
78.0	44.2	71.1	32 700 *	32 000 *
80.0	42.5	68.9	29 700 *	29 000 *
82.0	40.8	66.7	26 800 *	26 100 *
84.0	39.0	64.2	23 900 *	23 300 *
86.0	37.1	61.6	21 000 *	20 400 *
88.0	35.1	58.8	18 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	146 100 *c	140 600 *b
26.0	79.9	107.4	146 100 *c	140 600 *b
28.0	78.8	107.1	146 100 *c	140 600 *b
30.0	77.7	106.6	146 100 *c	140 600 *b
32.0	76.6	106.1	146 100 *c	140 600 *b
34.0	75.5	105.6	143 600 *c	139 100 *b
36.0	74.4	105.1	133 200 *c	131 200 *b
38.0	73.2	104.5	123 400 *c	121 200 *b
40.0	72.1	103.8	114 700 *c	112 600 *b
42.0	71.0	103.2	106 900 *b	104 900 *b
44.0	69.8	102.4	99 700 *b	97 900 *b
46.0	68.7	101.7	93 200 *b	91 500 *b
48.0	67.5	100.8	87 200 *b	85 600 *b
50.0	66.4	100.0	81 700 *b	80 100 *b
52.0	65.2	99.0	76 600 *b	75 100 *b
54.0	64.0	98.1	71 700 *b	70 300 *b
56.0	62.8	97.0	67 200 *b	65 900 *b
58.0	61.5	96.0	63 000 *b	61 700 *
60.0	60.3	94.8	58 900 *b	57 700 *
62.0	59.1	93.7	55 100 *b	54 000 *
64.0	57.8	92.4	51 500 *b	50 400 *
66.0	56.5	91.1	48 100 *b	47 000 *
68.0	55.2	89.7	44 800 *	43 700 *
70.0	53.9	88.3	41 600 *	40 600 *
72.0	52.5	86.7	38 500 *	37 600 *
74.0	51.2	85.1	35 500 *	34 700 *
76.0	49.8	83.5	32 700 *	31 900 *
78.0	48.3	81.7	29 900 *	29 200 *
80.0	46.9	79.9	27 200 *	26 500 *
82.0	45.4	77.9	24 600 *	23 900 *
84.0	43.8	75.8	22 000 *	21 400 *
86.0	42.2	73.7	19 500 *	18 900 *
88.0	40.6	71.4	17 100 *	16 500 *

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
114.3m (375 ft.) Boom				
25.9	80.6	115.2	119 300 *c	113 400 *c
26.0	80.6	115.2	119 300 *c	113 400 *c
28.0	79.5	114.8	119 300 *c	113 400 *b
30.0	78.5	114.4	119 300 *c	113 400 *b
32.0	77.5	114.0	119 300 *c	113 400 *b
34.0	76.5	113.5	119 300 *c	113 400 *b
36.0	75.4	113.0	110 500 *c	113 400 *b
38.0	74.4	112.4	112 400 *c	111 600 *b
40.0	73.3	111.8	105 800 *c	103 700 *b
42.0	72.3	111.2	98 300 *b	96 400 *b
44.0	71.2	110.5	91 600 *b	89 700 *b
46.0	70.2	109.8	85 400 *b	83 600 *b
48.0	69.1	109.1	79 700 *b	78 000 *b
50.0	68.0	108.3	74 500 *b	72 900 *b
52.0	66.9	107.4	69 600 *b	68 200 *b
54.0	65.8	106.5	65 100 *b	63 700 *b
56.0	64.7	105.6	60 900 *b	59 500 *b
58.0	63.6	104.6	56 900 *b	55 600 *b
60.0	62.5	103.6	53 200 *b	51 900 *b
62.0	61.3	102.5	49 600 *b	48 400 *b
64.0	60.2	101.3	46 200 *b	45 100 *b
66.0	59.0	100.1	43 000 *b	42 000 *b
68.0	57.8	98.9	40 000 *b	39 000 *
70.0	56.6	97.6	37 000 *b	36 100 *
72.0	55.4	96.2	34 200 *b	33 300 *
74.0	54.2	94.8	31 500 *b	30 600 *
76.0	52.9	93.3	28 900 *	28 100 *
78.0	51.7	91.7	26 400 *	25 600 *
80.0	50.4	90.1	23 900 *	23 200 *
82.0	49.0	88.4	21 600 *	20 800 *
84.0	47.7	86.5	19 300 *	18 500 *
86.0	46.3	84.7	17 000 *	16 300 *
88.0	44.9	82.7	14 800 *	14 200 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	515 000 *b	510 800 *b
14.0	79.8	39.9	507 400 *b	503 200 *b
16.0	76.7	39.5	455 400 *b	451 600 *b
18.0	73.6	38.9	412 300 *b	409 000 *
20.0	70.4	38.2	375 800 *b	372 700 *
22.0	67.2	37.4	344 300 *b	341 600 *
24.0	63.8	36.4	317 000 *	314 500 *
26.0	60.4	35.3	292 800 *	290 500 *
28.0	56.8	34.0	261 200 *	257 900 *
30.0	53.1	32.5	226 800 *	224 100 *
32.0	49.1	30.9	198 000 *	195 700 *
34.0	44.9	28.9	172 700 *	170 700 *
36.0	40.4	26.6	150 000 *	148 300 *
38.0	35.4	24.0	129 200 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	470 100 *c	466 200 *b
16.0	79.0	47.3	452 500 *c	448 600 *b
18.0	76.4	46.8	409 100 *b	405 600 *b
20.0	73.8	46.2	372 900 *b	369 700 *b
22.0	71.2	45.6	341 700 *b	338 800 *
24.0	68.5	44.8	314 600 *b	312 000 *
26.0	65.7	43.9	290 900 *	288 500 *
28.0	62.9	42.9	269 200	266 900
30.0	60.0	41.8	244 700	242 500
32.0	57.1	40.5	221 000	219 100
34.0	54.0	39.1	200 800	198 900
36.0	50.8	37.5	180 300 *	178 100 *
38.0	47.4	35.7	160 400 *	158 600 *
40.0	43.8	33.6	142 600 *	141 000 *
42.0	40.0	31.3	126 200 *	124 900 *
44.0	35.8	28.7	110 900 *	
46.0	31.2	25.5	96 300 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	431 000 *c	427 200 *b
18.0	78.4	54.6	405 900 *c	402 400 *b
20.0	76.2	54.2	369 600 *b	366 400 *b
22.0	73.9	53.6	338 600 *b	335 700 *b
24.0	71.7	52.9	311 700 *b	309 100 *
26.0	69.4	52.2	288 200 *b	285 700 *
28.0	67.1	51.4	267 300 b	264 900
30.0	64.7	50.4	245 200	242 800
32.0	62.3	49.4	221 200	219 100
34.0	59.8	48.3	201 300	199 300
36.0	57.3	47.0	184 000	182 300
38.0	54.6	45.6	168 900	167 400
40.0	51.9	44.0	155 600	154 200
42.0	49.1	42.3	143 000	141 600
44.0	46.1	40.5	129 300 *	127 700 *
46.0	43.0	38.4	116 500 *	115 100 *
48.0	39.7	36.0	104 400 *	103 300 *
50.0	36.2	33.4	93 000 *	
52.0	32.3	30.4	82 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	406 300 *c	399 400 *b
18.0	79.9	62.4	398 300 *c	394 200 *b
20.0	77.9	62.0	366 200 *c	362 900 *b
22.0	76.0	61.5	335 400 *b	332 400 *b
24.0	74.0	61.0	308 700 *b	305 900 *b
26.0	72.1	60.3	285 300 *b	282 800 *b
28.0	70.1	59.6	264 600 *b	262 200 *b
30.0	68.1	58.8	243 900 b	241 600
32.0	66.0	57.9	220 800 b	218 600
34.0	63.9	57.0	200 900 b	198 900
36.0	61.8	55.9	183 700	181 800
38.0	59.6	54.7	168 600	166 900
40.0	57.4	53.5	155 300	153 800
42.0	55.1	52.1	143 500	142 100
44.0	52.8	50.6	132 900	131 600
46.0	50.3	49.0	123 300	122 100
48.0	47.8	47.2	114 000 *	112 400 *
50.0	45.2	45.2	103 800 *	102 400 *
52.0	42.4	43.1	94 400 *	93 100 *
54.0	39.5	40.7	85 300 *	84 300 *
56.0	36.4	38.1	76 700 *	
58.0	33.1	35.1	68 300 *	
60.0	29.3	31.7	60 000 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	344 200 *c	336 800 *b
20.0	79.3	69.8	338 200 *c	331 100 *b
22.0	77.6	69.4	328 800 *c	323 300 *b
24.0	75.9	68.9	306 500 *b	304 000 *b
26.0	74.1	68.3	282 400 *b	279 800 *b
28.0	72.4	67.7	261 900 *b	259 400 *b
30.0	70.6	67.0	241 800 *b	238 900 *b
32.0	68.8	66.2	220 500 b	217 800 *b
34.0	67.0	65.4	200 600 b	198 500
36.0	65.2	64.5	183 300 b	181 400
38.0	63.3	63.5	168 200 b	166 400
40.0	61.4	62.4	154 900 b	153 200
42.0	59.5	61.2	143 000	141 500
44.0	57.5	60.0	132 500	131 100
46.0	55.5	58.6	122 900	121 600
48.0	53.4	57.1	114 300	113 100
50.0	51.3	55.6	106 400	105 000
52.0	49.1	53.8	98 200 *	96 800 *
54.0	46.8	52.0	90 300 *	89 100 *
56.0	44.4	50.0	82 800 *	81 700 *
58.0	42.0	47.8	75 700 *	74 600 *
60.0	39.4	45.4	68 800 *	67 800 *
62.0	36.6	42.8	62 100 *	
64.0	33.7	39.9	55 500 *	
66.0	30.4	36.6	49 100 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	294 000 * c	286 500 * b
20.0	80.4	77.6	293 400 * c	286 000 * b
22.0	78.8	77.2	287 900 * c	280 800 * b
24.0	77.3	76.7	282 400 * c	275 600 * b
26.0	75.8	76.2	273 200 * c	268 900 * b
28.0	74.2	75.7	247 000 * b	243 100 * b
30.0	72.6	75.0	225 100 * b	221 700 * b
32.0	71.0	74.4	206 300 * b	203 100 * b
34.0	69.4	73.6	189 800 * b	186 900 * b
36.0	67.8	72.8	175 200 * b	172 500 * b
38.0	66.2	71.9	162 100 * b	159 600 *
40.0	64.5	71.0	150 300 * b	148 000 *
42.0	62.8	70.0	139 500 * b	137 400 *
44.0	61.1	68.9	129 600 * b	127 600 *
46.0	59.4	67.7	120 500 *	118 700 *
48.0	57.6	66.5	112 100 *	110 300 *
50.0	55.8	65.1	104 200 *	102 500 *
52.0	53.9	63.7	96 800 *	95 200 *
54.0	52.0	62.1	89 800 *	88 300 *
56.0	50.1	60.5	83 200 *	81 800 *
58.0	48.1	58.7	76 900 *	75 700 *
60.0	46.0	56.8	70 800 *	69 700 *
62.0	43.8	54.7	65 100 *	64 000 *
64.0	41.6	52.5	59 500 *	58 500 *
66.0	39.2	50.1	54 100 *	53 200 *
68.0	36.8	47.5	48 800 *	
70.0	34.1	44.6	43 600 *	
72.0	31.3	41.4	38 500 *	
74.0	28.2	37.9	33 300 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	256 500 * c	254 300 * b
22.0	79.9	84.9	255 300 * c	253 300 * b
24.0	78.5	84.5	251 900 * b	250 300 * b
26.0	77.1	84.1	248 100 * b	246 700 * b
28.0	75.7	83.6	229 100 * b	224 900 * b
30.0	74.2	83.0	208 600 * b	205 100 * b
32.0	72.8	82.4	191 500 * b	188 300 *
34.0	71.4	81.7	176 600 * b	173 600 *
36.0	69.9	81.0	163 300 * b	160 600 *
38.0	68.5	80.2	151 600 * b	149 100 *
40.0	67.0	79.4	140 900 * b	138 600 *
42.0	65.5	78.5	131 200 *	129 000 *
44.0	64.0	77.5	122 300 *	120 300 *
46.0	62.4	76.5	114 200 *	112 300 *
48.0	60.8	75.4	106 600 *	104 800 *
50.0	59.3	74.2	99 500 *	97 900 *
52.0	57.6	72.9	92 900 *	91 400 *
54.0	56.0	71.6	86 700 *	85 200 *
56.0	54.3	70.2	80 800 *	79 500 *
58.0	52.6	68.7	75 300 *	74 000 *
60.0	50.9	67.1	70 000 *	68 800 *
62.0	49.1	65.3	64 900 *	63 800 *
64.0	47.2	63.5	60 100 *	59 000 *
66.0	45.3	61.6	55 400 *	54 400 *
68.0	43.3	59.5	50 800 *	49 900 *
70.0	41.3	57.2	46 400 *	45 600 *
72.0	39.1	54.8	42 200 *	41 400 *
74.0	36.9	52.2	37 900 *	
76.0	34.5	49.4	33 800 *	
78.0	32.0	46.3	29 600 *	
80.0	29.2	42.8	25 500 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	215 100 *c	209 500 *b
24.0	79.5	92.3	215 100 *c	209 500 *b
26.0	78.2	91.9	214 700 *b	209 500 *b
28.0	76.9	91.4	209 900 *b	205 700 *b
30.0	75.6	90.9	194 200 *b	190 500 *b
32.0	74.3	90.4	177 600 *b	174 300 *b
34.0	73.0	89.8	163 700 *b	160 700 *b
36.0	71.7	89.1	151 400 *b	148 700 *
38.0	70.3	88.4	140 500 *b	137 900 *
40.0	69.0	87.6	130 700 *b	128 300 *
42.0	67.6	86.8	121 800 *b	119 600 *
44.0	66.3	85.9	113 700 *b	111 600 *
46.0	64.9	85.0	106 300 *b	104 300 *
48.0	63.5	84.0	99 300 *	97 500 *
50.0	62.1	83.0	92 900 *	91 200 *
52.0	60.6	81.9	86 900 *	85 300 *
54.0	59.2	80.7	81 300 *	79 700 *
56.0	57.7	79.4	76 000 *	74 500 *
58.0	56.2	78.1	70 900 *	69 600 *
60.0	54.7	76.7	66 200 *	64 900 *
62.0	53.1	75.2	61 700 *	60 400 *
64.0	51.5	73.6	57 300 *	56 200 *
66.0	49.9	72.0	53 200 *	52 000 *
68.0	48.2	70.2	49 100 *	48 100 *
70.0	46.5	68.3	45 200 *	44 300 *
72.0	44.7	66.3	41 500 *	40 600 *
74.0	42.9	64.2	37 800 *	37 000 *
76.0	41.0	61.9	34 300 *	33 500 *
78.0	39.0	59.5	30 800 *	30 000 *
80.0	37.0	56.9	27 300 *	
82.0	34.8	54.1	23 900 *	
84.0	32.5	51.0	20 600 *	
86.0	30.1	47.7	17 100 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	174 200 *c	168 300 *b
24.0	80.3	100.1	174 200 *c	168 300 *b
26.0	79.1	99.7	174 200 *c	168 300 *b
28.0	77.9	99.3	174 200 *c	168 300 *b
30.0	76.7	98.8	174 200 *b	168 300 *b
32.0	75.5	98.3	165 000 *b	161 800 *b
34.0	74.3	97.7	152 000 *b	148 900 *b
36.0	73.1	97.1	140 500 *b	137 700 *b
38.0	71.9	96.5	130 300 *b	127 700 *b
40.0	70.7	95.8	121 100 *b	118 600 *b
42.0	69.4	95.0	112 800 *b	110 500 *
44.0	68.2	94.2	105 200 *b	103 100 *
46.0	66.9	93.4	98 300 *b	96 300 *
48.0	65.7	92.5	91 900 *b	90 000 *
50.0	64.4	91.5	86 000 *b	84 200 *
52.0	63.1	90.5	80 500 *b	78 800 *
54.0	61.8	89.5	75 300 *	73 700 *
56.0	60.5	88.4	70 400 *	68 900 *
58.0	59.1	87.2	65 800 *	64 400 *
60.0	57.8	85.9	61 500 *	60 100 *
62.0	56.4	84.6	57 400 *	56 100 *
64.0	55.0	83.2	53 400 *	52 200 *
66.0	53.5	81.7	49 700 *	48 500 *
68.0	52.1	80.2	46 000 *	44 900 *
70.0	50.6	78.6	42 600 *	41 500 *
72.0	49.0	76.8	39 200 *	38 200 *
74.0	47.5	75.0	36 000 *	35 000 *
76.0	45.9	73.1	32 800 *	31 900 *
78.0	44.2	71.1	29 700 *	28 800 *
80.0	42.5	68.9	26 700 *	25 900 *
82.0	40.8	66.7	23 800 *	23 000 *
84.0	39.0	64.2	20 900 *	20 200 *
86.0	37.1	61.6	18 000 *	17 400 *
88.0	35.1	58.8	15 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	143 300 *c	137 300 *b
26.0	79.9	107.4	143 300 *c	137 300 *b
28.0	78.8	107.1	143 300 *c	137 300 *b
30.0	77.7	106.6	143 300 *c	137 300 *b
32.0	76.6	106.1	143 300 *c	137 300 *b
34.0	75.5	105.6	140 800 *b	135 700 *b
36.0	74.4	105.1	130 200 *b	127 700 *b
38.0	73.2	104.5	120 400 *b	117 700 *b
40.0	72.1	103.8	111 700 *b	109 200 *b
42.0	71.0	103.2	103 900 *b	101 600 *b
44.0	69.8	102.4	96 800 *b	94 600 *b
46.0	68.7	101.7	90 200 *b	88 200 *b
48.0	67.5	100.8	84 300 *b	82 300 *
50.0	66.4	100.0	78 700 *b	76 900 *
52.0	65.2	99.0	73 600 *b	71 800 *
54.0	64.0	98.1	68 800 *b	67 100 *
56.0	62.8	97.0	64 300 *b	62 700 *
58.0	61.5	96.0	60 100 *	58 500 *
60.0	60.3	94.8	56 000 *	54 600 *
62.0	59.1	93.7	52 200 *	50 800 *
64.0	57.8	92.4	48 600 *	47 300 *
66.0	56.5	91.1	45 100 *	43 900 *
68.0	55.2	89.7	41 800 *	40 600 *
70.0	53.9	88.3	38 600 *	37 500 *
72.0	52.5	86.7	35 600 *	34 500 *
74.0	51.2	85.1	32 600 *	31 600 *
76.0	49.8	83.5	29 800 *	28 800 *
78.0	48.3	81.7	27 000 *	26 100 *
80.0	46.9	79.9	24 300 *	23 500 *
82.0	45.4	77.9	21 700 *	20 900 *
84.0	43.8	75.8	19 100 *	18 400 *
86.0	42.2	73.7	16 600 *	15 900 *
88.0	40.6	71.4	14 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	512 200 *b	507 200 *b
14.0	79.8	39.9	504 500 *b	499 600 *b
16.0	76.7	39.5	452 400 *b	448 000 *
18.0	73.6	38.9	409 300 *b	405 300 *
20.0	70.4	38.2	372 700 *	369 100 *
22.0	67.2	37.4	341 100 *	337 900 *
24.0	63.8	36.4	313 800 *	310 900 *
26.0	60.4	35.3	289 500 *	286 800 *
28.0	56.8	34.0	256 400 *	252 600 *
30.0	53.1	32.5	222 300 *	219 200 *
32.0	49.1	30.9	193 600 *	190 900 *
34.0	44.9	28.9	168 300 *	166 000 *
36.0	40.4	26.6	145 700 *	143 800 *
38.0	35.4	24.0	124 900 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	467 300 *b	462 700 *b
16.0	79.0	47.3	449 600 *b	445 100 *b
18.0	76.4	46.8	406 200 *b	402 200 *
20.0	73.8	46.2	369 900 *b	366 300 *
22.0	71.2	45.6	338 700 *	335 400 *
24.0	68.5	44.8	311 600 *	308 600 *
26.0	65.7	43.9	287 900 *	285 100 *
28.0	62.9	42.9	266 100	263 500
30.0	60.0	41.8	241 700	239 000
32.0	57.1	40.5	218 000	215 700
34.0	54.0	39.1	197 600	195 500
36.0	50.8	37.5	176 200 *	173 700 *
38.0	47.4	35.7	156 500 *	154 400 *
40.0	43.8	33.6	138 700 *	136 900 *
42.0	40.0	31.3	122 400 *	120 800 *
44.0	35.8	28.7	107 200 *	
46.0	31.2	25.5	92 500 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	428 200 *b	423 900 *b
18.0	78.4	54.6	403 100 *b	399 000 *b
20.0	76.2	54.2	366 800 *b	363 000 *
22.0	73.9	53.6	335 800 *b	332 400 *
24.0	71.7	52.9	308 900 *b	305 800 *
26.0	69.4	52.2	285 400 *	282 400 *
28.0	67.1	51.4	264 500	261 700
30.0	64.7	50.4	242 400	239 600
32.0	62.3	49.4	218 400	215 900
34.0	59.8	48.3	198 500	196 300
36.0	57.3	47.0	181 300	179 300
38.0	54.6	45.6	166 300	164 500
40.0	51.9	44.0	152 900	151 200
42.0	49.1	42.3	139 800 *	137 800 *
44.0	46.1	40.5	125 800 *	124 000 *
46.0	43.0	38.4	113 000 *	111 500 *
48.0	39.7	36.0	101 000 *	99 700 *
50.0	36.2	33.4	89 600 *	
52.0	32.3	30.4	78 600 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	403 500 *b	395 700 *b
18.0	79.9	62.4	395 700 *b	390 700 *b
20.0	77.9	62.0	363 500 *b	359 700 *b
22.0	76.0	61.5	332 700 *b	329 200 *
24.0	74.0	61.0	306 000 *b	302 800 *
26.0	72.1	60.3	282 600 *b	279 600 *
28.0	70.1	59.6	261 900 *b	259 100 *
30.0	68.1	58.8	241 200	238 500
32.0	66.0	57.9	218 200	215 600
34.0	63.9	57.0	198 400	196 000
36.0	61.8	55.9	181 100	179 000
38.0	59.6	54.7	166 100	164 100
40.0	57.4	53.5	152 800	151 000
42.0	55.1	52.1	141 000	139 400
44.0	52.8	50.6	130 500	129 000
46.0	50.3	49.0	120 900	119 400
48.0	47.8	47.2	110 600 *	108 900 *
50.0	45.2	45.2	100 600 *	99 100 *
52.0	42.4	43.1	91 200 *	89 800 *
54.0	39.5	40.7	82 200 *	81 000 *
56.0	36.4	38.1	73 600 *	
58.0	33.1	35.1	65 200 *	
60.0	29.3	31.7	56 900 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	341 500 *c	333 300 *b
20.0	79.3	69.8	335 400 *b	327 600 *b
22.0	77.6	69.4	326 100 *b	319 900 *b
24.0	75.9	68.9	304 000 *b	301 100 *b
26.0	74.1	68.3	279 900 *b	276 800 *
28.0	72.4	67.7	259 300 *b	256 200 *
30.0	70.6	67.0	238 900 *b	234 900 *
32.0	68.8	66.2	217 600 *b	213 900 *
34.0	67.0	65.4	198 200	195 700
36.0	65.2	64.5	180 900	178 600
38.0	63.3	63.5	165 900	163 800
40.0	61.4	62.4	152 600	150 600
42.0	59.5	61.2	140 700	139 000
44.0	57.5	60.0	130 100	128 500
46.0	55.5	58.6	120 600	119 100
48.0	53.4	57.1	112 000	110 400
50.0	51.3	55.6	103 600	101 900 *
52.0	49.1	53.8	95 200 *	93 700 *
54.0	46.8	52.0	87 300 *	85 900 *
56.0	44.4	50.0	79 900 *	78 500 *
58.0	42.0	47.8	72 700 *	71 500 *
60.0	39.4	45.4	65 800 *	64 700 *
62.0	36.6	42.8	59 200 *	
64.0	33.7	39.9	52 600 *	
66.0	30.4	36.6	46 100 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	291 300 *c	283 000 *b
20.0	80.4	77.6	290 800 *c	282 600 *b
22.0	78.8	77.2	285 200 *c	277 400 *b
24.0	77.3	76.7	279 700 *b	272 200 *b
26.0	75.8	76.2	269 700 *b	264 800 *b
28.0	74.2	75.7	243 700 *b	239 200 *b
30.0	72.6	75.0	221 900 *b	217 900 *
32.0	71.0	74.4	203 100 *b	199 400 *
34.0	69.4	73.6	186 700 *b	183 300 *
36.0	67.8	72.8	172 100 *b	169 000 *
38.0	66.2	71.9	159 100 *	156 200 *
40.0	64.5	71.0	147 300 *	144 600 *
42.0	62.8	70.0	136 500 *	134 100 *
44.0	61.1	68.9	126 700 *	124 400 *
46.0	59.4	67.7	117 600 *	115 400 *
48.0	57.6	66.5	109 100 *	107 200 *
50.0	55.8	65.1	101 300 *	99 400 *
52.0	53.9	63.7	93 900 *	92 200 *
54.0	52.0	62.1	86 900 *	85 300 *
56.0	50.1	60.5	80 300 *	78 800 *
58.0	48.1	58.7	74 000 *	72 700 *
60.0	46.0	56.8	68 100 *	66 800 *
62.0	43.8	54.7	62 300 *	61 100 *
64.0	41.6	52.5	56 700 *	55 600 *
66.0	39.2	50.1	51 300 *	50 300 *
68.0	36.8	47.5	46 100 *	
70.0	34.1	44.6	40 900 *	
72.0	31.3	41.4	35 800 *	
74.0	28.2	37.9	30 600 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	256 000 *b	254 100 *b
22.0	79.9	84.9	255 000 *b	253 100 *b
24.0	78.5	84.5	251 700 *b	250 300 *
26.0	77.1	84.1	247 900 *b	244 200 *
28.0	75.7	83.6	225 500 *b	220 800 *
30.0	74.2	83.0	205 500 *b	201 400 *
32.0	72.8	82.4	188 400 *b	184 700 *
34.0	71.4	81.7	173 500 *	170 100 *
36.0	69.9	81.0	160 300 *	157 200 *
38.0	68.5	80.2	148 600 *	145 600 *
40.0	67.0	79.4	138 000 *	135 200 *
42.0	65.5	78.5	128 300 *	125 800 *
44.0	64.0	77.5	119 500 *	117 100 *
46.0	62.4	76.5	111 300 *	109 100 *
48.0	60.8	75.4	103 800 *	101 700 *
50.0	59.3	74.2	96 700 *	94 800 *
52.0	57.6	72.9	90 200 *	88 300 *
54.0	56.0	71.6	84 000 *	82 300 *
56.0	54.3	70.2	78 100 *	76 500 *
58.0	52.6	68.7	72 600 *	71 100 *
60.0	50.9	67.1	67 200 *	65 900 *
62.0	49.1	65.3	62 200 *	60 900 *
64.0	47.2	63.5	57 300 *	56 100 *
66.0	45.3	61.6	52 700 *	51 600 *
68.0	43.3	59.5	48 200 *	47 100 *
70.0	41.3	57.2	43 800 *	42 800 *
72.0	39.1	54.8	39 500 *	38 600 *
74.0	36.9	52.2	35 300 *	
76.0	34.5	49.4	31 200 *	
78.0	32.0	46.3	27 100 *	
80.0	29.2	42.8	22 900 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	211 300 *b	205 300 *b
24.0	79.5	92.3	211 300 *b	205 300 *b
26.0	78.2	91.9	211 300 *b	205 300 *
28.0	76.9	91.4	207 000 *b	201 700 *
30.0	75.6	90.9	190 900 *b	186 900 *
32.0	74.3	90.4	174 600 *b	170 800 *
34.0	73.0	89.8	160 800 *b	157 300 *
36.0	71.7	89.1	148 500 *b	145 300 *
38.0	70.3	88.4	137 700 *	134 700 *
40.0	69.0	87.6	127 900 *	125 100 *
42.0	67.6	86.8	119 000 *	116 400 *
44.0	66.3	85.9	110 900 *	108 500 *
46.0	64.9	85.0	103 500 *	101 200 *
48.0	63.5	84.0	96 600 *	94 500 *
50.0	62.1	83.0	90 200 *	88 200 *
52.0	60.6	81.9	84 200 *	82 300 *
54.0	59.2	80.7	78 600 *	76 800 *
56.0	57.7	79.4	73 300 *	71 600 *
58.0	56.2	78.1	68 300 *	66 700 *
60.0	54.7	76.7	63 600 *	62 100 *
62.0	53.1	75.2	59 100 *	57 600 *
64.0	51.5	73.6	54 700 *	53 400 *
66.0	49.9	72.0	50 600 *	49 300 *
68.0	48.2	70.2	46 600 *	45 400 *
70.0	46.5	68.3	42 700 *	41 600 *
72.0	44.7	66.3	38 900 *	37 900 *
74.0	42.9	64.2	35 300 *	34 300 *
76.0	41.0	61.9	31 800 *	30 900 *
78.0	39.0	59.5	28 300 *	27 400 *
80.0	37.0	56.9	24 800 *	
82.0	34.8	54.1	21 500 *	
84.0	32.5	51.0	18 100 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	170 900 *b	164 600 *b
24.0	80.3	100.1	170 900 *b	164 600 *b
26.0	79.1	99.7	170 900 *b	164 600 *b
28.0	77.9	99.3	170 900 *b	164 600 *b
30.0	76.7	98.8	170 900 *b	164 600 *
32.0	75.5	98.3	162 200 *b	158 300 *
34.0	74.3	97.7	149 100 *b	145 600 *
36.0	73.1	97.1	137 700 *b	134 400 *
38.0	71.9	96.5	127 500 *b	124 400 *
40.0	70.7	95.8	118 400 *b	115 500 *
42.0	69.4	95.0	110 100 *	107 400 *
44.0	68.2	94.2	102 600 *	100 100 *
46.0	66.9	93.4	95 700 *	93 300 *
48.0	65.7	92.5	89 300 *	87 100 *
50.0	64.4	91.5	83 400 *	81 300 *
52.0	63.1	90.5	77 900 *	75 900 *
54.0	61.8	89.5	72 700 *	70 800 *
56.0	60.5	88.4	67 900 *	66 100 *
58.0	59.1	87.2	63 300 *	61 600 *
60.0	57.8	85.9	59 000 *	57 400 *
62.0	56.4	84.6	54 800 *	53 400 *
64.0	55.0	83.2	50 900 *	49 500 *
66.0	53.5	81.7	47 200 *	45 800 *
68.0	52.1	80.2	43 600 *	42 300 *
70.0	50.6	78.6	40 100 *	38 900 *
72.0	49.0	76.8	36 800 *	35 600 *
74.0	47.5	75.0	33 500 *	32 400 *
76.0	45.9	73.1	30 400 *	29 300 *
78.0	44.2	71.1	27 300 *	26 300 *
80.0	42.5	68.9	24 300 *	23 400 *
82.0	40.8	66.7	21 400 *	20 500 *
84.0	39.0	64.2	18 500 *	17 700 *
86.0	37.1	61.6	15 600 *	14 900 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	140 300 * c	133 900 * b
26.0	79.9	107.4	140 300 * c	133 900 * b
28.0	78.8	107.1	140 300 * b	133 900 * b
30.0	77.7	106.6	140 300 * b	133 900 * b
32.0	76.6	106.1	140 300 * b	133 900 * b
34.0	75.5	105.6	137 900 * b	132 400 * b
36.0	74.4	105.1	127 500 * b	124 500 *
38.0	73.2	104.5	117 800 * b	114 700 *
40.0	72.1	103.8	109 100 * b	106 200 *
42.0	71.0	103.2	101 300 * b	98 600 *
44.0	69.8	102.4	94 200 * b	91 600 *
46.0	68.7	101.7	87 700 * b	85 300 *
48.0	67.5	100.8	81 700 *	79 400 *
50.0	66.4	100.0	76 200 *	74 100 *
52.0	65.2	99.0	71 100 *	69 000 *
54.0	64.0	98.1	66 300 *	64 400 *
56.0	62.8	97.0	61 800 *	60 000 *
58.0	61.5	96.0	57 600 *	55 800 *
60.0	60.3	94.8	53 600 *	51 900 *
62.0	59.1	93.7	49 800 *	48 200 *
64.0	57.8	92.4	46 200 *	44 700 *
66.0	56.5	91.1	42 700 *	41 300 *
68.0	55.2	89.7	39 400 *	38 000 *
70.0	53.9	88.3	36 300 *	34 900 *
72.0	52.5	86.7	33 200 *	32 000 *
74.0	51.2	85.1	30 300 *	29 100 *
76.0	49.8	83.5	27 400 *	26 300 *
78.0	48.3	81.7	24 700 *	23 600 *
80.0	46.9	79.9	22 000 *	21 000 *
82.0	45.4	77.9	19 400 *	18 400 *
84.0	43.8	75.8	16 800 *	15 900 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	509 200 *b	503 300 *
14.0	79.8	39.9	501 500 *b	495 700 *
16.0	76.7	39.5	449 200 *b	444 100 *
18.0	73.6	38.9	406 000 *	401 400 *
20.0	70.4	38.2	369 300 *	365 200 *
22.0	67.2	37.4	337 800 *	334 000 *
24.0	63.8	36.4	310 300 *	306 900 *
26.0	60.4	35.3	286 000 *	282 800 *
28.0	56.8	34.0	251 300 *	246 800 *
30.0	53.1	32.5	217 400 *	213 700 *
32.0	49.1	30.9	188 700 *	185 600 *
34.0	44.9	28.9	163 500 *	160 900 *
36.0	40.4	26.6	141 000 *	138 800 *
38.0	35.4	24.0	120 200 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	464 300 *b	458 900 *
16.0	79.0	47.3	446 600 *b	441 400 *
18.0	76.4	46.8	403 100 *b	398 400 *
20.0	73.8	46.2	366 800 *	362 500 *
22.0	71.2	45.6	335 500 *	331 700 *
24.0	68.5	44.8	308 400 *	304 900 *
26.0	65.7	43.9	284 600 *	281 400 *
28.0	62.9	42.9	262 900	259 800
30.0	60.0	41.8	238 400	235 300
32.0	57.1	40.5	214 800	212 100
34.0	54.0	39.1	194 000 *	190 800 *
36.0	50.8	37.5	171 800 *	169 000 *
38.0	47.4	35.7	152 300 *	149 800 *
40.0	43.8	33.6	134 600 *	132 400 *
42.0	40.0	31.3	118 300 *	116 500 *
44.0	35.8	28.7	103 000 *	
46.0	31.2	25.5	88 500 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	425 300 *b	420 200 *
18.0	78.4	54.6	400 200 *b	395 400 *
20.0	76.2	54.2	363 800 *b	359 500 *
22.0	73.9	53.6	332 800 *b	328 800 *
24.0	71.7	52.9	305 900 *	302 200 *
26.0	69.4	52.2	282 300 *	278 900 *
28.0	67.1	51.4	261 400	258 200
30.0	64.7	50.4	239 300	236 000
32.0	62.3	49.4	215 400	212 500
34.0	59.8	48.3	195 600	192 900
36.0	57.3	47.0	178 400	176 000
38.0	54.6	45.6	163 400	161 300
40.0	51.9	44.0	149 900	147 900
42.0	49.1	42.3	135 900 *	133 500 *
44.0	46.1	40.5	122 000 *	120 000 *
46.0	43.0	38.4	109 300 *	107 400 *
48.0	39.7	36.0	97 300 *	95 700 *
50.0	36.2	33.4	85 900 *	
52.0	32.3	30.4	75 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	400 500 *b	391 700 *
18.0	79.9	62.4	392 900 *b	386 900 *
20.0	77.9	62.0	360 700 *b	356 100 *
22.0	76.0	61.5	329 900 *b	325 700 *
24.0	74.0	61.0	303 200 *	299 300 *
26.0	72.1	60.3	279 800 *	276 200 *
28.0	70.1	59.6	259 000 *	255 700 *
30.0	68.1	58.8	238 400	235 200
32.0	66.0	57.9	215 500	212 400
34.0	63.9	57.0	195 600	192 800
36.0	61.8	55.9	178 400	175 900
38.0	59.6	54.7	163 400	161 100
40.0	57.4	53.5	150 200	148 100
42.0	55.1	52.1	138 400	136 500
44.0	52.8	50.6	127 800	126 100
46.0	50.3	49.0	117 800 *	115 600 *
48.0	47.8	47.2	107 100 *	105 100 *
50.0	45.2	45.2	97 100 *	95 400 *
52.0	42.4	43.1	87 700 *	86 200 *
54.0	39.5	40.7	78 800 *	77 400 *
56.0	36.4	38.1	70 200 *	
58.0	33.1	35.1	61 800 *	
60.0	29.3	31.7	53 500 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	338 700 *b	329 600 *b
20.0	79.3	69.8	332 600 *b	323 900 *
22.0	77.6	69.4	323 300 *b	316 200 *
24.0	75.9	68.9	301 300 *b	297 800 *
26.0	74.1	68.3	277 200 *b	273 600 *
28.0	72.4	67.7	256 400 *b	252 700 *
30.0	70.6	67.0	235 400 *	230 500 *
32.0	68.8	66.2	214 100 *	209 800 *
34.0	67.0	65.4	195 600	191 900 *
36.0	65.2	64.5	178 400	175 700
38.0	63.3	63.5	163 300	160 900
40.0	61.4	62.4	150 000	147 800
42.0	59.5	61.2	138 200	136 200
44.0	57.5	60.0	127 700	125 800
46.0	55.5	58.6	118 200	116 300 *
48.0	53.4	57.1	109 200 *	107 000 *
50.0	51.3	55.6	100 300 *	98 300 *
52.0	49.1	53.8	92 000 *	90 200 *
54.0	46.8	52.0	84 200 *	82 500 *
56.0	44.4	50.0	76 700 *	75 100 *
58.0	42.0	47.8	69 600 *	68 100 *
60.0	39.4	45.4	62 700 *	61 400 *
62.0	36.6	42.8	56 000 *	
64.0	33.7	39.9	49 500 *	
66.0	30.4	36.6	43 100 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	288 700 *b	279 500 *b
20.0	80.4	77.6	288 200 *b	279 000 *b
22.0	78.8	77.2	282 500 *b	273 700 *b
24.0	77.3	76.7	276 900 *b	268 500 *
26.0	75.8	76.2	266 100 *b	260 300 *
28.0	74.2	75.7	240 100 *b	234 900 *
30.0	72.6	75.0	218 400 *b	213 700 *
32.0	71.0	74.4	199 700 *b	195 400 *
34.0	69.4	73.6	183 400 *b	179 400 *
36.0	67.8	72.8	168 800 *	165 200 *
38.0	66.2	71.9	155 800 *	152 500 *
40.0	64.5	71.0	144 100 *	140 900 *
42.0	62.8	70.0	133 300 *	130 500 *
44.0	61.1	68.9	123 500 *	120 800 *
46.0	59.4	67.7	114 400 *	112 000 *
48.0	57.6	66.5	106 000 *	103 700 *
50.0	55.8	65.1	98 200 *	96 000 *
52.0	53.9	63.7	90 800 *	88 800 *
54.0	52.0	62.1	83 800 *	82 000 *
56.0	50.1	60.5	77 300 *	75 500 *
58.0	48.1	58.7	71 000 *	69 400 *
60.0	46.0	56.8	65 000 *	63 500 *
62.0	43.8	54.7	59 300 *	57 900 *
64.0	41.6	52.5	53 800 *	52 500 *
66.0	39.2	50.1	48 400 *	47 200 *
68.0	36.8	47.5	43 100 *	
70.0	34.1	44.6	38 000 *	
72.0	31.3	41.4	32 800 *	
74.0	28.2	37.9	27 700 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	255 700 *b	250 700 *
22.0	79.9	84.9	254 700 *b	250 700 *
24.0	78.5	84.5	251 600 *b	250 000 *
26.0	77.1	84.1	245 700 *b	239 700 *
28.0	75.7	83.6	221 900 *b	216 600 *
30.0	74.2	83.0	202 100 *	197 300 *
32.0	72.8	82.4	185 100 *	180 700 *
34.0	71.4	81.7	170 200 *	166 200 *
36.0	69.9	81.0	157 100 *	153 500 *
38.0	68.5	80.2	145 400 *	142 000 *
40.0	67.0	79.4	134 800 *	131 700 *
42.0	65.5	78.5	125 200 *	122 300 *
44.0	64.0	77.5	116 400 *	113 700 *
46.0	62.4	76.5	108 300 *	105 700 *
48.0	60.8	75.4	100 800 *	98 400 *
50.0	59.3	74.2	93 700 *	91 500 *
52.0	57.6	72.9	87 200 *	85 100 *
54.0	56.0	71.6	81 000 *	79 000 *
56.0	54.3	70.2	75 200 *	73 300 *
58.0	52.6	68.7	69 600 *	67 900 *
60.0	50.9	67.1	64 400 *	62 800 *
62.0	49.1	65.3	59 300 *	57 800 *
64.0	47.2	63.5	54 500 *	53 100 *
66.0	45.3	61.6	49 900 *	48 500 *
68.0	43.3	59.5	45 300 *	44 100 *
70.0	41.3	57.2	41 000 *	39 900 *
72.0	39.1	54.8	36 700 *	35 600 *
74.0	36.9	52.2	32 500 *	
76.0	34.5	49.4	28 400 *	
78.0	32.0	46.3	24 300 *	
80.0	29.2	42.8	20 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	207 800 *b	201 300 *
24.0	79.5	92.3	207 800 *b	201 300 *
26.0	78.2	91.9	207 800 *b	201 300 *
28.0	76.9	91.4	203 600 *b	197 600 *
30.0	75.6	90.9	187 600 *	182 900 *
32.0	74.3	90.4	171 400 *	167 000 *
34.0	73.0	89.8	157 600 *	153 500 *
36.0	71.7	89.1	145 400 *	141 700 *
38.0	70.3	88.4	134 600 *	131 100 *
40.0	69.0	87.6	124 900 *	121 600 *
42.0	67.6	86.8	116 000 *	113 000 *
44.0	66.3	85.9	108 000 *	105 100 *
46.0	64.9	85.0	100 600 *	97 900 *
48.0	63.5	84.0	93 700 *	91 200 *
50.0	62.1	83.0	87 300 *	85 000 *
52.0	60.6	81.9	81 400 *	79 200 *
54.0	59.2	80.7	75 800 *	73 700 *
56.0	57.7	79.4	70 500 *	68 500 *
58.0	56.2	78.1	65 500 *	63 700 *
60.0	54.7	76.7	60 800 *	59 000 *
62.0	53.1	75.2	56 300 *	54 700 *
64.0	51.5	73.6	51 900 *	50 400 *
66.0	49.9	72.0	47 800 *	46 400 *
68.0	48.2	70.2	43 800 *	42 500 *
70.0	46.5	68.3	40 000 *	38 700 *
72.0	44.7	66.3	36 200 *	35 000 *
74.0	42.9	64.2	32 600 *	31 500 *
76.0	41.0	61.9	29 100 *	28 000 *
78.0	39.0	59.5	25 600 *	24 600 *
80.0	37.0	56.9	22 200 *	
82.0	34.8	54.1	18 800 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	167 800 *b	161 000 *
24.0	80.3	100.1	167 800 *b	161 000 *
26.0	79.1	99.7	167 800 *b	161 000 *
28.0	77.9	99.3	167 800 *b	161 000 *
30.0	76.7	98.8	167 800 *b	161 000 *
32.0	75.5	98.3	159 100 *b	154 600 *
34.0	74.3	97.7	146 100 *b	142 000 *
36.0	73.1	97.1	134 700 *	130 900 *
38.0	71.9	96.5	124 600 *	121 000 *
40.0	70.7	95.8	115 500 *	112 100 *
42.0	69.4	95.0	107 200 *	104 100 *
44.0	68.2	94.2	99 700 *	96 800 *
46.0	66.9	93.4	92 800 *	90 100 *
48.0	65.7	92.5	86 500 *	83 900 *
50.0	64.4	91.5	80 600 *	78 200 *
52.0	63.1	90.5	75 100 *	72 800 *
54.0	61.8	89.5	70 000 *	67 800 *
56.0	60.5	88.4	65 200 *	63 100 *
58.0	59.1	87.2	60 600 *	58 700 *
60.0	57.8	85.9	56 300 *	54 400 *
62.0	56.4	84.6	52 200 *	50 400 *
64.0	55.0	83.2	48 300 *	46 600 *
66.0	53.5	81.7	44 500 *	43 000 *
68.0	52.1	80.2	40 900 *	39 500 *
70.0	50.6	78.6	37 500 *	36 000 *
72.0	49.0	76.8	34 100 *	32 800 *
74.0	47.5	75.0	30 900 *	29 600 *
76.0	45.9	73.1	27 800 *	26 600 *
78.0	44.2	71.1	24 700 *	23 600 *
80.0	42.5	68.9	21 700 *	20 700 *
82.0	40.8	66.7	18 800 *	17 800 *
84.0	39.0	64.2	15 900 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	137 600 *b	130 700 *b
26.0	79.9	107.4	137 600 *b	130 700 *
28.0	78.8	107.1	137 600 *b	130 700 *
30.0	77.7	106.6	137 600 *b	130 700 *
32.0	76.6	106.1	137 600 *b	130 700 *
34.0	75.5	105.6	135 100 *b	129 100 *
36.0	74.4	105.1	124 700 *b	121 100 *
38.0	73.2	104.5	114 900 *b	111 300 *
40.0	72.1	103.8	106 300 *	102 900 *
42.0	71.0	103.2	98 500 *	95 300 *
44.0	69.8	102.4	91 500 *	88 500 *
46.0	68.7	101.7	85 000 *	82 200 *
48.0	67.5	100.8	79 000 *	76 400 *
50.0	66.4	100.0	73 600 *	71 000 *
52.0	65.2	99.0	68 400 *	66 000 *
54.0	64.0	98.1	63 700 *	61 400 *
56.0	62.8	97.0	59 200 *	57 100 *
58.0	61.5	96.0	55 000 *	52 900 *
60.0	60.3	94.8	51 000 *	49 000 *
62.0	59.1	93.7	47 200 *	45 400 *
64.0	57.8	92.4	43 600 *	41 900 *
66.0	56.5	91.1	40 200 *	38 500 *
68.0	55.2	89.7	36 900 *	35 300 *
70.0	53.9	88.3	33 700 *	32 200 *
72.0	52.5	86.7	30 700 *	29 200 *
74.0	51.2	85.1	27 800 *	26 400 *
76.0	49.8	83.5	24 900 *	23 600 *
78.0	48.3	81.7	22 200 *	20 900 *
80.0	46.9	79.9	19 500 *	18 300 *
82.0	45.4	77.9	16 900 *	15 800 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	505 400 *	498 700 *
14.0	79.8	39.9	497 700 *	491 100 *
16.0	76.7	39.5	445 400 *	439 400 *
18.0	73.6	38.9	402 100 *	396 800 *
20.0	70.4	38.2	365 300 *	360 500 *
22.0	67.2	37.4	333 600 *	329 300 *
24.0	63.8	36.4	306 200 *	302 300 *
26.0	60.4	35.3	281 700 *	278 100 *
28.0	56.8	34.0	245 300 *	240 100 *
30.0	53.1	32.5	211 700 *	207 500 *
32.0	49.1	30.9	183 100 *	179 500 *
34.0	44.9	28.9	158 000 *	154 900 *
36.0	40.4	26.6	135 500 *	132 900 *
38.0	35.4	24.0	114 800 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	460 700 * ^b	454 400 *
16.0	79.0	47.3	442 900 * ^b	436 900 *
18.0	76.4	46.8	399 400 *	393 900 *
20.0	73.8	46.2	363 000 *	358 100 *
22.0	71.2	45.6	331 700 *	327 200 *
24.0	68.5	44.8	304 600 *	300 500 *
26.0	65.7	43.9	280 700 *	277 000 *
28.0	62.9	42.9	258 900	255 400
30.0	60.0	41.8	234 400	230 900
32.0	57.1	40.5	210 900	207 900
34.0	54.0	39.1	188 800 *	185 000 *
36.0	50.8	37.5	166 700 *	163 500 *
38.0	47.4	35.7	147 300 *	144 500 *
40.0	43.8	33.6	129 600 *	127 200 *
42.0	40.0	31.3	113 400 *	111 300 *
44.0	35.8	28.7	98 200 *	
46.0	31.2	25.5	83 700 *	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	421 800 * ^b	415 900 *
18.0	78.4	54.6	396 700 *	391 100 *
20.0	76.2	54.2	360 200 *	355 200 *
22.0	73.9	53.6	329 200 *	324 600 *
24.0	71.7	52.9	302 300 *	298 000 *
26.0	69.4	52.2	278 600 *	274 700 *
28.0	67.1	51.4	257 700 *	254 000
30.0	64.7	50.4	235 700	231 900
32.0	62.3	49.4	211 800	208 500
34.0	59.8	48.3	192 000	189 100
36.0	57.3	47.0	174 900	172 200
38.0	54.6	45.6	159 900	157 500
40.0	51.9	44.0	146 300 *	143 300 *
42.0	49.1	42.3	131 200 *	128 500 *
44.0	46.1	40.5	117 500 *	115 100 *
46.0	43.0	38.4	104 800 *	102 700 *
48.0	39.7	36.0	92 800 *	91 100 *
50.0	36.2	33.4	81 500 *	
52.0	32.3	30.4	70 600 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	396 800 *b	387 000 *
18.0	79.9	62.4	389 400 *b	382 400 *
20.0	77.9	62.0	357 300 *b	352 000 *
22.0	76.0	61.5	326 400 *	321 600 *
24.0	74.0	61.0	299 700 *	295 300 *
26.0	72.1	60.3	276 300 *	272 100 *
28.0	70.1	59.6	255 500 *	251 800 *
30.0	68.1	58.8	234 900	231 300
32.0	66.0	57.9	212 100	208 600
34.0	63.9	57.0	192 300	189 100
36.0	61.8	55.9	175 100	172 300
38.0	59.6	54.7	160 200	157 500
40.0	57.4	53.5	146 900	144 500
42.0	55.1	52.1	135 200	133 000
44.0	52.8	50.6	124 700	122 200
46.0	50.3	49.0	113 500 *	111 100 *
48.0	47.8	47.2	102 900 *	100 700 *
50.0	45.2	45.2	93 000 *	91 000 *
52.0	42.4	43.1	83 600 *	81 900 *
54.0	39.5	40.7	74 700 *	73 100 *
56.0	36.4	38.1	66 100 *	
58.0	33.1	35.1	57 800 *	
60.0	29.3	31.7	49 500 *	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	335 200 * b	324 900 *
20.0	79.3	69.8	329 000 * b	319 200 *
22.0	77.6	69.4	319 700 * b	311 800 *
24.0	75.9	68.9	298 000 *	294 000 *
26.0	74.1	68.3	273 900 *	269 700 *
28.0	72.4	67.7	252 900 *	248 500 *
30.0	70.6	67.0	231 000 *	225 300 *
32.0	68.8	66.2	209 900 *	205 000 *
34.0	67.0	65.4	191 600 *	187 100 *
36.0	65.2	64.5	175 200	171 300 *
38.0	63.3	63.5	160 300	157 200 *
40.0	61.4	62.4	147 000	144 300 *
42.0	59.5	61.2	135 200	132 600 *
44.0	57.5	60.0	124 700	121 900 *
46.0	55.5	58.6	114 700 *	112 000 *
48.0	53.4	57.1	105 200 *	102 700 *
50.0	51.3	55.6	96 400 *	94 100 *
52.0	49.1	53.8	88 100 *	86 000 *
54.0	46.8	52.0	80 300 *	78 300 *
56.0	44.4	50.0	72 800 *	71 100 *
58.0	42.0	47.8	65 700 *	64 200 *
60.0	39.4	45.4	58 900 *	57 500 *
62.0	36.6	42.8	52 300 *	
64.0	33.7	39.9	45 700 *	
66.0	30.4	36.6	39 300 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	285 300 *b	275 000 *
20.0	80.4	77.6	284 700 *b	274 500 *
22.0	78.8	77.2	279 000 *b	269 200 *
24.0	77.3	76.7	273 300 *b	264 000 *
26.0	75.8	76.2	261 800 *b	255 100 *
28.0	74.2	75.7	235 900 *	229 900 *
30.0	72.6	75.0	214 300 *	208 800 *
32.0	71.0	74.4	195 700 *	190 700 *
34.0	69.4	73.6	179 300 *	174 800 *
36.0	67.8	72.8	164 800 *	160 600 *
38.0	66.2	71.9	151 800 *	148 000 *
40.0	64.5	71.0	140 100 *	136 500 *
42.0	62.8	70.0	129 500 *	126 200 *
44.0	61.1	68.9	119 700 *	116 600 *
46.0	59.4	67.7	110 600 *	107 800 *
48.0	57.6	66.5	102 200 *	99 600 *
50.0	55.8	65.1	94 400 *	91 900 *
52.0	53.9	63.7	87 100 *	84 800 *
54.0	52.0	62.1	80 100 *	78 000 *
56.0	50.1	60.5	73 600 *	71 600 *
58.0	48.1	58.7	67 300 *	65 500 *
60.0	46.0	56.8	61 300 *	59 700 *
62.0	43.8	54.7	55 600 *	54 100 *
64.0	41.6	52.5	50 100 *	48 700 *
66.0	39.2	50.1	44 800 *	43 500 *
68.0	36.8	47.5	39 500 *	
70.0	34.1	44.6	34 400 *	
72.0	31.3	41.4	29 300 *	
74.0	28.2	37.9	24 200 *	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	252 900 *b	245 800 *
22.0	79.9	84.9	252 800 *b	245 800 *
24.0	78.5	84.5	251 100 *	245 800 *
26.0	77.1	84.1	241 400 *	234 500 *
28.0	75.7	83.6	217 700 *	211 600 *
30.0	74.2	83.0	198 000 *	192 500 *
32.0	72.8	82.4	181 100 *	176 100 *
34.0	71.4	81.7	166 300 *	161 700 *
36.0	69.9	81.0	153 200 *	149 000 *
38.0	68.5	80.2	141 600 *	137 700 *
40.0	67.0	79.4	131 000 *	127 400 *
42.0	65.5	78.5	121 400 *	118 100 *
44.0	64.0	77.5	112 700 *	109 500 *
46.0	62.4	76.5	104 600 *	101 700 *
48.0	60.8	75.4	97 100 *	94 400 *
50.0	59.3	74.2	90 100 *	87 500 *
52.0	57.6	72.9	83 500 *	81 200 *
54.0	56.0	71.6	77 400 *	75 200 *
56.0	54.3	70.2	71 600 *	69 500 *
58.0	52.6	68.7	66 100 *	64 100 *
60.0	50.9	67.1	60 800 *	59 000 *
62.0	49.1	65.3	55 800 *	54 100 *
64.0	47.2	63.5	51 000 *	49 400 *
66.0	45.3	61.6	46 300 *	44 900 *
68.0	43.3	59.5	41 900 *	40 500 *
70.0	41.3	57.2	37 500 *	36 200 *
72.0	39.1	54.8	33 200 *	32 100 *
74.0	36.9	52.2	29 100 *	
76.0	34.5	49.4	24 900 *	
78.0	32.0	46.3	20 900 *	
80.0	29.2	42.8	16 800 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	203 800 *b	196 800 *
24.0	79.5	92.3	203 800 *b	196 800 *
26.0	78.2	91.9	203 800 *	196 800 *
28.0	76.9	91.4	199 600 *	193 000 *
30.0	75.6	90.9	183 700 *	178 200 *
32.0	74.3	90.4	167 500 *	162 400 *
34.0	73.0	89.8	153 800 *	149 100 *
36.0	71.7	89.1	141 700 *	137 300 *
38.0	70.3	88.4	130 900 *	126 900 *
40.0	69.0	87.6	121 200 *	117 500 *
42.0	67.6	86.8	112 400 *	108 900 *
44.0	66.3	85.9	104 400 *	101 100 *
46.0	64.9	85.0	97 000 *	93 900 *
48.0	63.5	84.0	90 100 *	87 300 *
50.0	62.1	83.0	83 800 *	81 100 *
52.0	60.6	81.9	77 800 *	75 300 *
54.0	59.2	80.7	72 300 *	69 900 *
56.0	57.7	79.4	67 000 *	64 800 *
58.0	56.2	78.1	62 100 *	60 000 *
60.0	54.7	76.7	57 300 *	55 400 *
62.0	53.1	75.2	52 800 *	51 000 *
64.0	51.5	73.6	48 500 *	46 800 *
66.0	49.9	72.0	44 400 *	42 800 *
68.0	48.2	70.2	40 500 *	38 900 *
70.0	46.5	68.3	36 600 *	35 200 *
72.0	44.7	66.3	32 900 *	31 500 *
74.0	42.9	64.2	29 300 *	28 000 *
76.0	41.0	61.9	25 700 *	24 600 *
78.0	39.0	59.5	22 300 *	21 200 *
80.0	37.0	56.9	18 900 *	
82.0	34.8	54.1	15 500 *	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	164 200 *b	156 800 *
24.0	80.3	100.1	164 200 *b	156 800 *
26.0	79.1	99.7	164 200 *b	156 800 *
28.0	77.9	99.3	164 200 *b	156 800 *
30.0	76.7	98.8	164 200 *	156 800 *
32.0	75.5	98.3	155 400 *	150 200 *
34.0	74.3	97.7	142 400 *	137 600 *
36.0	73.1	97.1	131 100 *	126 700 *
38.0	71.9	96.5	121 000 *	116 900 *
40.0	70.7	95.8	111 900 *	108 100 *
42.0	69.4	95.0	103 700 *	100 100 *
44.0	68.2	94.2	96 200 *	92 900 *
46.0	66.9	93.4	89 400 *	86 200 *
48.0	65.7	92.5	83 100 *	80 100 *
50.0	64.4	91.5	77 200 *	74 400 *
52.0	63.1	90.5	71 700 *	69 100 *
54.0	61.8	89.5	66 600 *	64 200 *
56.0	60.5	88.4	61 800 *	59 500 *
58.0	59.1	87.2	57 300 *	55 100 *
60.0	57.8	85.9	53 000 *	50 900 *
62.0	56.4	84.6	48 900 *	46 900 *
64.0	55.0	83.2	45 000 *	43 100 *
66.0	53.5	81.7	41 200 *	39 500 *
68.0	52.1	80.2	37 700 *	36 000 *
70.0	50.6	78.6	34 200 *	32 600 *
72.0	49.0	76.8	30 900 *	29 400 *
74.0	47.5	75.0	27 700 *	26 300 *
76.0	45.9	73.1	24 500 *	23 200 *
78.0	44.2	71.1	21 500 *	20 200 *
80.0	42.5	68.9	18 500 *	17 400 *
82.0	40.8	66.7	15 600 *	14 500 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
106.7m (350 ft.) Boom				
24.4	80.8	107.7	134 300 *b	126 800 *
26.0	79.9	107.4	134 300 *b	126 800 *
28.0	78.8	107.1	134 300 *b	126 800 *
30.0	77.7	106.6	134 300 *b	126 800 *
32.0	76.6	106.1	134 300 *	126 800 *
34.0	75.5	105.6	131 700 *	125 100 *
36.0	74.4	105.1	121 100 *	116 900 *
38.0	73.2	104.5	111 500 *	107 300 *
40.0	72.1	103.8	102 900 *	99 000 *
42.0	71.0	103.2	95 100 *	91 500 *
44.0	69.8	102.4	88 100 *	84 700 *
46.0	68.7	101.7	81 600 *	78 400 *
48.0	67.5	100.8	75 700 *	72 700 *
50.0	66.4	100.0	70 200 *	67 400 *
52.0	65.2	99.0	65 200 *	62 400 *
54.0	64.0	98.1	60 400 *	57 800 *
56.0	62.8	97.0	55 900 *	53 500 *
58.0	61.5	96.0	51 800 *	49 400 *
60.0	60.3	94.8	47 800 *	45 600 *
62.0	59.1	93.7	44 000 *	41 900 *
64.0	57.8	92.4	40 400 *	38 400 *
66.0	56.5	91.1	37 000 *	35 100 *
68.0	55.2	89.7	33 700 *	31 900 *
70.0	53.9	88.3	30 500 *	28 900 *
72.0	52.5	86.7	27 600 *	25 900 *
74.0	51.2	85.1	24 600 *	23 100 *
76.0	49.8	83.5	21 800 *	20 400 *
78.0	48.3	81.7	19 100 *	17 700 *
80.0	46.9	79.9	16 400 *	15 100 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	502 600 *	494 800 *
14.0	79.8	39.9	494 800 *	487 200 *
16.0	76.7	39.5	442 300 *	435 500 *
18.0	73.6	38.9	398 900 *	392 700 *
20.0	70.4	38.2	361 900 *	356 500 *
22.0	67.2	37.4	330 200 *	325 300 *
24.0	63.8	36.4	302 600 *	298 200 *
26.0	60.4	35.3	278 000 *	273 100 *
28.0	56.8	34.0	240 000 *	234 100 *
30.0	53.1	32.5	206 600 *	201 700 *
32.0	49.1	30.9	178 000 *	173 900 *
34.0	44.9	28.9	152 900 *	149 400 *
36.0	40.4	26.6	130 400 *	127 500 *
38.0	35.4	24.0	109 800 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	457 900 *	450 600 *
16.0	79.0	47.3	440 000 *	433 100 *
18.0	76.4	46.8	396 400 *	390 100 *
20.0	73.8	46.2	359 900 *	354 300 *
22.0	71.2	45.6	328 600 *	323 400 *
24.0	68.5	44.8	301 300 *	296 600 *
26.0	65.7	43.9	277 400 *	273 200 *
28.0	62.9	42.9	255 600	251 500
30.0	60.0	41.8	231 000	226 900
32.0	57.1	40.5	207 600	203 900
34.0	54.0	39.1	184 100 *	179 800 *
36.0	50.8	37.5	162 300 *	158 600 *
38.0	47.4	35.7	142 800 *	139 600 *
40.0	43.8	33.6	125 200 *	122 400 *
42.0	40.0	31.3	108 900 *	106 600 *
44.0	35.8	28.7	93 800 *	
46.0	31.2	25.5	79 300 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	419 000 *	412 300 *
18.0	78.4	54.6	393 800 *	387 500 *
20.0	76.2	54.2	357 300 *	351 600 *
22.0	73.9	53.6	326 300 *	321 000 *
24.0	71.7	52.9	299 200 *	294 400 *
26.0	69.4	52.2	275 600 *	271 100 *
28.0	67.1	51.4	254 600	250 400
30.0	64.7	50.4	232 600	228 200
32.0	62.3	49.4	208 700	204 900
34.0	59.8	48.3	188 900	185 500
36.0	57.3	47.0	171 800	168 800
38.0	54.6	45.6	156 900	154 100
40.0	51.9	44.0	142 100 *	138 700 *
42.0	49.1	42.3	127 100 *	124 100 *
44.0	46.1	40.5	113 500 *	110 800 *
46.0	43.0	38.4	100 800 *	98 400 *
48.0	39.7	36.0	88 900 *	86 800 *
50.0	36.2	33.4	77 600 *	
52.0	32.3	30.4	66 700 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	394 200 *b	383 100 *
18.0	79.9	62.4	386 700 *	378 800 *
20.0	77.9	62.0	354 600 *	348 600 *
22.0	76.0	61.5	323 700 *	318 200 *
24.0	74.0	61.0	296 900 *	291 800 *
26.0	72.1	60.3	273 400 *	268 700 *
28.0	70.1	59.6	252 700 *	248 300 *
30.0	68.1	58.8	232 100	227 800
32.0	66.0	57.9	209 200	205 200
34.0	63.9	57.0	189 500	185 800
36.0	61.8	55.9	172 400	169 000
38.0	59.6	54.7	157 400	154 400
40.0	57.4	53.5	144 200	141 400
42.0	55.1	52.1	132 400	129 800
44.0	52.8	50.6	121 200	118 200 *
46.0	50.3	49.0	109 900 *	107 000 *
48.0	47.8	47.2	99 300 *	96 700 *
50.0	45.2	45.2	89 300 *	87 100 *
52.0	42.4	43.1	80 000 *	78 000 *
54.0	39.5	40.7	71 100 *	69 200 *
56.0	36.4	38.1	62 500 *	
58.0	33.1	35.1	54 200 *	
60.0	29.3	31.7	46 000 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	332 800 * b	321 400 *
20.0	79.3	69.8	326 500 * b	315 600 *
22.0	77.6	69.4	317 000 *	308 200 *
24.0	75.9	68.9	295 400 *	290 800 *
26.0	74.1	68.3	271 200 *	266 500 *
28.0	72.4	67.7	249 900 *	244 900 *
30.0	70.6	67.0	227 300 *	220 900 *
32.0	68.8	66.2	206 300 *	200 700 *
34.0	67.0	65.4	188 100 *	183 000 *
36.0	65.2	64.5	171 900 *	167 200 *
38.0	63.3	63.5	157 400 *	153 100 *
40.0	61.4	62.4	144 300 *	140 300 *
42.0	59.5	61.2	132 400 *	128 700 *
44.0	57.5	60.0	121 400 *	118 000 *
46.0	55.5	58.6	111 200 *	108 200 *
48.0	53.4	57.1	101 800 *	99 000 *
50.0	51.3	55.6	93 000 *	90 400 *
52.0	49.1	53.8	84 800 *	82 300 *
54.0	46.8	52.0	76 900 *	74 700 *
56.0	44.4	50.0	69 500 *	67 500 *
58.0	42.0	47.8	62 400 *	60 600 *
60.0	39.4	45.4	55 600 *	53 900 *
62.0	36.6	42.8	48 900 *	
64.0	33.7	39.9	42 400 *	
66.0	30.4	36.6	36 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	282 900 *b	271 500 *
20.0	80.4	77.6	282 400 *b	271 000 *
22.0	78.8	77.2	276 600 *b	265 800 *
24.0	77.3	76.7	270 800 *	260 500 *
26.0	75.8	76.2	258 200 *	250 500 *
28.0	74.2	75.7	232 500 *	225 500 *
30.0	72.6	75.0	210 900 *	204 600 *
32.0	71.0	74.4	192 300 *	186 500 *
34.0	69.4	73.6	175 900 *	170 700 *
36.0	67.8	72.8	161 500 *	156 700 *
38.0	66.2	71.9	148 500 *	144 100 *
40.0	64.5	71.0	136 900 *	132 700 *
42.0	62.8	70.0	126 200 *	122 400 *
44.0	61.1	68.9	116 400 *	112 900 *
46.0	59.4	67.7	107 400 *	104 100 *
48.0	57.6	66.5	99 000 *	96 000 *
50.0	55.8	65.1	91 200 *	88 400 *
52.0	53.9	63.7	83 800 *	81 200 *
54.0	52.0	62.1	77 000 *	74 500 *
56.0	50.1	60.5	70 400 *	68 100 *
58.0	48.1	58.7	64 100 *	62 100 *
60.0	46.0	56.8	58 200 *	56 300 *
62.0	43.8	54.7	52 500 *	50 700 *
64.0	41.6	52.5	47 000 *	45 300 *
66.0	39.2	50.1	41 600 *	40 200 *
68.0	36.8	47.5	36 400 *	
70.0	34.1	44.6	31 300 *	
72.0	31.3	41.4	26 200 *	
74.0	28.2	37.9	21 000 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	248 700 *	241 000 *
22.0	79.9	84.9	248 700 *	241 000 *
24.0	78.5	84.5	247 800 *	241 000 *
26.0	77.1	84.1	237 900 *	230 100 *
28.0	75.7	83.6	214 400 *	207 400 *
30.0	74.2	83.0	194 700 *	188 400 *
32.0	72.8	82.4	177 800 *	172 000 *
34.0	71.4	81.7	163 000 *	157 800 *
36.0	69.9	81.0	150 000 *	145 100 *
38.0	68.5	80.2	138 400 *	133 900 *
40.0	67.0	79.4	127 900 *	123 700 *
42.0	65.5	78.5	118 300 *	114 400 *
44.0	64.0	77.5	109 500 *	105 900 *
46.0	62.4	76.5	101 500 *	98 100 *
48.0	60.8	75.4	94 000 *	90 800 *
50.0	59.3	74.2	87 000 *	84 100 *
52.0	57.6	72.9	80 500 *	77 700 *
54.0	56.0	71.6	74 300 *	71 800 *
56.0	54.3	70.2	68 500 *	66 100 *
58.0	52.6	68.7	63 000 *	60 800 *
60.0	50.9	67.1	57 800 *	55 700 *
62.0	49.1	65.3	52 800 *	50 800 *
64.0	47.2	63.5	48 000 *	46 100 *
66.0	45.3	61.6	43 300 *	41 600 *
68.0	43.3	59.5	38 900 *	37 300 *
70.0	41.3	57.2	34 500 *	33 100 *
72.0	39.1	54.8	30 300 *	28 900 *
74.0	36.9	52.2	26 100 *	
76.0	34.5	49.4	22 000 *	
78.0	32.0	46.3	17 900 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	200 900 *	193 300 *
24.0	79.5	92.3	200 900 *	193 300 *
26.0	78.2	91.9	200 900 *	193 300 *
28.0	76.9	91.4	196 600 *	189 300 *
30.0	75.6	90.9	180 500 *	174 100 *
32.0	74.3	90.4	164 400 *	158 500 *
34.0	73.0	89.8	150 700 *	145 300 *
36.0	71.7	89.1	138 600 *	133 600 *
38.0	70.3	88.4	127 800 *	123 200 *
40.0	69.0	87.6	118 100 *	113 900 *
42.0	67.6	86.8	109 400 *	105 400 *
44.0	66.3	85.9	101 300 *	97 600 *
46.0	64.9	85.0	94 000 *	90 500 *
48.0	63.5	84.0	87 200 *	83 900 *
50.0	62.1	83.0	80 800 *	77 800 *
52.0	60.6	81.9	74 900 *	72 000 *
54.0	59.2	80.7	69 400 *	66 700 *
56.0	57.7	79.4	64 100 *	61 500 *
58.0	56.2	78.1	59 200 *	56 800 *
60.0	54.7	76.7	54 500 *	52 200 *
62.0	53.1	75.2	50 000 *	47 800 *
64.0	51.5	73.6	45 700 *	43 700 *
66.0	49.9	72.0	41 500 *	39 700 *
68.0	48.2	70.2	37 600 *	35 800 *
70.0	46.5	68.3	33 800 *	32 100 *
72.0	44.7	66.3	30 100 *	28 500 *
74.0	42.9	64.2	26 500 *	25 000 *
76.0	41.0	61.9	22 900 *	21 600 *
78.0	39.0	59.5	19 500 *	18 200 *
80.0	37.0	56.9	16 100 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	161 700 * ^b	153 700 *
24.0	80.3	100.1	161 700 *	153 700 *
26.0	79.1	99.7	161 700 *	153 700 *
28.0	77.9	99.3	161 700 *	153 700 *
30.0	76.7	98.8	161 700 *	153 700 *
32.0	75.5	98.3	152 300 *	146 400 *
34.0	74.3	97.7	139 400 *	134 000 *
36.0	73.1	97.1	128 100 *	123 100 *
38.0	71.9	96.5	118 000 *	113 300 *
40.0	70.7	95.8	109 000 *	104 600 *
42.0	69.4	95.0	100 800 *	96 700 *
44.0	68.2	94.2	93 400 *	89 500 *
46.0	66.9	93.4	86 500 *	82 900 *
48.0	65.7	92.5	80 200 *	76 800 *
50.0	64.4	91.5	74 400 *	71 200 *
52.0	63.1	90.5	68 900 *	65 900 *
54.0	61.8	89.5	63 800 *	61 000 *
56.0	60.5	88.4	59 000 *	56 300 *
58.0	59.1	87.2	54 500 *	52 000 *
60.0	57.8	85.9	50 200 *	47 800 *
62.0	56.4	84.6	46 100 *	43 800 *
64.0	55.0	83.2	42 200 *	40 100 *
66.0	53.5	81.7	38 500 *	36 400 *
68.0	52.1	80.2	34 900 *	33 000 *
70.0	50.6	78.6	31 500 *	29 700 *
72.0	49.0	76.8	28 100 *	26 400 *
74.0	47.5	75.0	25 000 *	23 300 *
76.0	45.9	73.1	21 800 *	20 300 *
78.0	44.2	71.1	18 800 *	17 400 *
80.0	42.5	68.9	15 800 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	498 800 *	489 900 *
14.0	79.8	39.9	491 100 *	482 300 *
16.0	76.7	39.5	438 400 *	430 600 *
18.0	73.6	38.9	394 800 *	387 800 *
20.0	70.4	38.2	357 900 *	351 600 *
22.0	67.2	37.4	326 000 *	320 400 *
24.0	63.8	36.4	298 400 *	293 300 *
26.0	60.4	35.3	273 500 *	266 100 *
28.0	56.8	34.0	233 700 *	227 400 *
30.0	53.1	32.5	200 600 *	195 200 *
32.0	49.1	30.9	172 100 *	167 500 *
34.0	44.9	28.9	147 100 *	143 100 *
36.0	40.4	26.6	124 600 *	121 400 *
38.0	35.4	24.0	104 100 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	454 100 *	446 000 *
16.0	79.0	47.3	436 300 *	428 500 *
18.0	76.4	46.8	392 600 *	385 500 *
20.0	73.8	46.2	356 100 *	349 700 *
22.0	71.2	45.6	324 700 *	318 800 *
24.0	68.5	44.8	297 400 *	292 100 *
26.0	65.7	43.9	273 500 *	268 600 *
28.0	62.9	42.9	251 500	247 000
30.0	60.0	41.8	227 000	222 400
32.0	57.1	40.5	203 300	197 900
34.0	54.0	39.1	178 700 *	174 000 *
36.0	50.8	37.5	157 000 *	152 900 *
38.0	47.4	35.7	137 600 *	134 000 *
40.0	43.8	33.6	120 000 *	116 900 *
42.0	40.0	31.3	103 900 *	101 200 *
44.0	35.8	28.7	88 700 *	
46.0	31.2	25.5	74 300 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	415 400 *	407 800 *
18.0	78.4	54.6	390 200 *	383 000 *
20.0	76.2	54.2	353 700 *	347 200 *
22.0	73.9	53.6	322 600 *	316 600 *
24.0	71.7	52.9	295 500 *	290 100 *
26.0	69.4	52.2	271 800 *	266 800 *
28.0	67.1	51.4	250 900	246 100
30.0	64.7	50.4	228 900	223 900
32.0	62.3	49.4	205 100	200 800
34.0	59.8	48.3	185 300	181 500
36.0	57.3	47.0	168 300	164 800
38.0	54.6	45.6	153 300	149 300
40.0	51.9	44.0	137 300 *	133 500 *
42.0	49.1	42.3	122 400 *	119 100 *
44.0	46.1	40.5	108 800 *	105 800 *
46.0	43.0	38.4	96 200 *	93 500 *
48.0	39.7	36.0	84 300 *	82 000 *
50.0	36.2	33.4	73 000 *	
52.0	32.3	30.4	62 100 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	389 200 *	376 800 *
18.0	79.9	62.4	382 900 *	371 400 *
20.0	77.9	62.0	351 000 *	344 500 *
22.0	76.0	61.5	320 100 *	314 000 *
24.0	74.0	61.0	293 300 *	287 700 *
26.0	72.1	60.3	269 800 *	264 600 *
28.0	70.1	59.6	249 000 *	244 200 *
30.0	68.1	58.8	228 600	223 800
32.0	66.0	57.9	205 800	201 300
34.0	63.9	57.0	186 100	182 000
36.0	61.8	55.9	169 000	165 300
38.0	59.6	54.7	154 100	150 700
40.0	57.4	53.5	140 900	137 700
42.0	55.1	52.1	128 900	125 400 *
44.0	52.8	50.6	116 900 *	113 400 *
46.0	50.3	49.0	105 500 *	102 400 *
48.0	47.8	47.2	95 000 *	92 100 *
50.0	45.2	45.2	85 100 *	82 500 *
52.0	42.4	43.1	75 800 *	73 500 *
54.0	39.5	40.7	66 900 *	64 900 *
56.0	36.4	38.1	58 400 *	
58.0	33.1	35.1	50 100 *	
60.0	29.3	31.7	41 900 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	329 200 *	316 600 *
20.0	79.3	69.8	322 800 *	310 800 *
22.0	77.6	69.4	313 500 *	303 600 *
24.0	75.9	68.9	292 100 *	286 900 *
26.0	74.1	68.3	267 800 *	262 500 *
28.0	72.4	67.7	246 300 *	239 300 *
30.0	70.6	67.0	222 900 *	215 700 *
32.0	68.8	66.2	202 000 *	195 600 *
34.0	67.0	65.4	183 800 *	178 100 *
36.0	65.2	64.5	167 700 *	162 400 *
38.0	63.3	63.5	153 300 *	148 400 *
40.0	61.4	62.4	140 200 *	135 700 *
42.0	59.5	61.2	128 200 *	124 100 *
44.0	57.5	60.0	117 300 *	113 500 *
46.0	55.5	58.6	107 200 *	103 700 *
48.0	53.4	57.1	97 800 *	94 600 *
50.0	51.3	55.6	89 000 *	86 100 *
52.0	49.1	53.8	80 800 *	78 100 *
54.0	46.8	52.0	73 000 *	70 500 *
56.0	44.4	50.0	65 600 *	63 300 *
58.0	42.0	47.8	58 500 *	56 400 *
60.0	39.4	45.4	51 700 *	49 800 *
62.0	36.6	42.8	45 100 *	
64.0	33.7	39.9	38 600 *	
66.0	30.4	36.6	32 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	279 500 *	266 900 *
20.0	80.4	77.6	279 000 *	266 400 *
22.0	78.8	77.2	273 000 *	261 100 *
24.0	77.3	76.7	267 200 *	255 800 *
26.0	75.8	76.2	253 800 *	245 100 *
28.0	74.2	75.7	228 100 *	220 200 *
30.0	72.6	75.0	206 600 *	199 500 *
32.0	71.0	74.4	188 100 *	181 600 *
34.0	69.4	73.6	171 800 *	165 900 *
36.0	67.8	72.8	157 400 *	152 000 *
38.0	66.2	71.9	144 500 *	139 500 *
40.0	64.5	71.0	132 900 *	128 200 *
42.0	62.8	70.0	122 200 *	118 000 *
44.0	61.1	68.9	112 500 *	108 500 *
46.0	59.4	67.7	103 500 *	99 800 *
48.0	57.6	66.5	95 200 *	91 700 *
50.0	55.8	65.1	87 400 *	84 200 *
52.0	53.9	63.7	80 000 *	77 100 *
54.0	52.0	62.1	73 200 *	70 400 *
56.0	50.1	60.5	66 600 *	64 100 *
58.0	48.1	58.7	60 400 *	58 100 *
60.0	46.0	56.8	54 500 *	52 300 *
62.0	43.8	54.7	48 800 *	46 800 *
64.0	41.6	52.5	43 300 *	41 500 *
66.0	39.2	50.1	38 000 *	36 300 *
68.0	36.8	47.5	32 700 *	
70.0	34.1	44.6	27 700 *	
72.0	31.3	41.4	22 500 *	
74.0	28.2	37.9	17 500 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	244 700 *	236 400 *
22.0	79.9	84.9	244 700 *	236 400 *
24.0	78.5	84.5	244 700 *	236 400 *
26.0	77.1	84.1	233 500 *	224 700 *
28.0	75.7	83.6	210 100 *	202 200 *
30.0	74.2	83.0	190 600 *	183 400 *
32.0	72.8	82.4	173 800 *	167 200 *
34.0	71.4	81.7	159 000 *	153 000 *
36.0	69.9	81.0	146 100 *	140 600 *
38.0	68.5	80.2	134 500 *	129 400 *
40.0	67.0	79.4	124 000 *	119 300 *
42.0	65.5	78.5	114 500 *	110 100 *
44.0	64.0	77.5	105 800 *	101 700 *
46.0	62.4	76.5	97 700 *	93 900 *
48.0	60.8	75.4	90 300 *	86 700 *
50.0	59.3	74.2	83 300 *	80 000 *
52.0	57.6	72.9	76 800 *	73 700 *
54.0	56.0	71.6	70 700 *	67 800 *
56.0	54.3	70.2	64 900 *	62 200 *
58.0	52.6	68.7	59 500 *	56 900 *
60.0	50.9	67.1	54 200 *	51 800 *
62.0	49.1	65.3	49 200 *	47 000 *
64.0	47.2	63.5	44 400 *	42 400 *
66.0	45.3	61.6	39 800 *	37 900 *
68.0	43.3	59.5	35 400 *	33 600 *
70.0	41.3	57.2	31 000 *	29 400 *
72.0	39.1	54.8	26 800 *	25 300 *
74.0	36.9	52.2	22 700 *	
76.0	34.5	49.4	18 500 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	197 200 *	189 100 *
24.0	79.5	92.3	197 200 *	189 100 *
26.0	78.2	91.9	197 200 *	189 100 *
28.0	76.9	91.4	192 800 *	184 800 *
30.0	75.6	90.9	176 400 *	169 200 *
32.0	74.3	90.4	160 500 *	153 800 *
34.0	73.0	89.8	146 800 *	140 700 *
36.0	71.7	89.1	134 800 *	129 100 *
38.0	70.3	88.4	124 100 *	118 900 *
40.0	69.0	87.6	114 400 *	109 600 *
42.0	67.6	86.8	105 700 *	101 200 *
44.0	66.3	85.9	97 700 *	93 500 *
46.0	64.9	85.0	90 400 *	86 400 *
48.0	63.5	84.0	83 600 *	79 900 *
50.0	62.1	83.0	77 300 *	73 800 *
52.0	60.6	81.9	71 400 *	68 100 *
54.0	59.2	80.7	65 800 *	62 800 *
56.0	57.7	79.4	60 600 *	57 800 *
58.0	56.2	78.1	55 700 *	53 000 *
60.0	54.7	76.7	51 000 *	48 500 *
62.0	53.1	75.2	46 500 *	44 100 *
64.0	51.5	73.6	42 300 *	40 000 *
66.0	49.9	72.0	38 100 *	36 000 *
68.0	48.2	70.2	34 200 *	32 200 *
70.0	46.5	68.3	30 400 *	28 500 *
72.0	44.7	66.3	26 700 *	25 000 *
74.0	42.9	64.2	23 100 *	21 500 *
76.0	41.0	61.9	19 600 *	18 100 *
78.0	39.0	59.5	16 100 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	158 400 *	150 600 *
24.0	80.3	100.1	158 400 *	150 600 *
26.0	79.1	99.7	158 400 *	150 600 *
28.0	77.9	99.3	158 400 *	150 600 *
30.0	76.7	98.8	158 400 *	150 600 *
32.0	75.5	98.3	148 600 *	141 800 *
34.0	74.3	97.7	135 700 *	129 500 *
36.0	73.1	97.1	124 500 *	118 800 *
38.0	71.9	96.5	114 400 *	109 100 *
40.0	70.7	95.8	105 400 *	100 400 *
42.0	69.4	95.0	97 300 *	92 600 *
44.0	68.2	94.2	89 900 *	85 500 *
46.0	66.9	93.4	83 000 *	79 000 *
48.0	65.7	92.5	76 700 *	72 900 *
50.0	64.4	91.5	70 900 *	67 400 *
52.0	63.1	90.5	65 500 *	62 100 *
54.0	61.8	89.5	60 400 *	57 200 *
56.0	60.5	88.4	55 600 *	52 600 *
58.0	59.1	87.2	51 100 *	48 300 *
60.0	57.8	85.9	46 900 *	44 200 *
62.0	56.4	84.6	42 800 *	40 200 *
64.0	55.0	83.2	38 900 *	36 500 *
66.0	53.5	81.7	35 200 *	32 900 *
68.0	52.1	80.2	31 600 *	29 500 *
70.0	50.6	78.6	28 200 *	26 200 *
72.0	49.0	76.8	24 900 *	23 000 *
74.0	47.5	75.0	21 700 *	19 900 *
76.0	45.9	73.1	18 600 *	16 900 *
78.0	44.2	71.1	15 600 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	494 100 *	484 200 *
14.0	79.8	39.9	486 400 *	476 500 *
16.0	76.7	39.5	433 600 *	424 900 *
18.0	73.6	38.9	390 000 *	382 200 *
20.0	70.4	38.2	353 000 *	345 900 *
22.0	67.2	37.4	321 100 *	314 800 *
24.0	63.8	36.4	293 500 *	287 800 *
26.0	60.4	35.3	266 200 *	257 900 *
28.0	56.8	34.0	226 700 *	219 700 *
30.0	53.1	32.5	193 700 *	187 700 *
32.0	49.1	30.9	165 400 *	160 300 *
34.0	44.9	28.9	140 500 *	136 200 *
36.0	40.4	26.6	118 200 *	114 600 *
38.0	35.4	24.0	97 700 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	449 600 *	440 400 *
16.0	79.0	47.3	431 700 *	422 900 *
18.0	76.4	46.8	388 000 *	380 100 *
20.0	73.8	46.2	351 400 *	344 300 *
22.0	71.2	45.6	320 000 *	313 500 *
24.0	68.5	44.8	292 700 *	286 800 *
26.0	65.7	43.9	268 800 *	263 400 *
28.0	62.9	42.9	246 900	241 800
30.0	60.0	41.8	222 200	217 100
32.0	57.1	40.5	197 100	191 100
34.0	54.0	39.1	172 700 *	167 400 *
36.0	50.8	37.5	151 100 *	146 500 *
38.0	47.4	35.7	131 800 *	127 800 *
40.0	43.8	33.6	114 300 *	110 800 *
42.0	40.0	31.3	98 200 *	95 300 *
44.0	35.8	28.7	83 200 *	
46.0	31.2	25.5	68 800 *	

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	411 000 *	402 500 *
18.0	78.4	54.6	385 800 *	377 700 *
20.0	76.2	54.2	349 300 *	342 000 *
22.0	73.9	53.6	318 200 *	311 500 *
24.0	71.7	52.9	291 200 *	285 000 *
26.0	69.4	52.2	267 400 *	261 800 *
28.0	67.1	51.4	246 500	241 100
30.0	64.7	50.4	224 500	219 000
32.0	62.3	49.4	200 800	195 900
34.0	59.8	48.3	181 100	176 800
36.0	57.3	47.0	164 100	160 100
38.0	54.6	45.6	148 100	143 500 *
40.0	51.9	44.0	131 900 *	127 700 *
42.0	49.1	42.3	117 200 *	113 400 *
44.0	46.1	40.5	103 600 *	100 300 *
46.0	43.0	38.4	91 000 *	88 100 *
48.0	39.7	36.0	79 200 *	76 700 *
50.0	36.2	33.4	68 000 *	
52.0	32.3	30.4	57 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	385 600 *	371 900 *
18.0	79.9	62.4	378 800 *	368 100 *
20.0	77.9	62.0	346 800 *	339 400 *
22.0	76.0	61.5	315 900 *	309 100 *
24.0	74.0	61.0	289 100 *	282 800 *
26.0	72.1	60.3	265 600 *	259 800 *
28.0	70.1	59.6	244 900 *	239 500 *
30.0	68.1	58.8	224 400	219 100
32.0	66.0	57.9	201 800	196 700
34.0	63.9	57.0	182 100	177 600
36.0	61.8	55.9	165 100	160 900
38.0	59.6	54.7	150 200	146 500
40.0	57.4	53.5	137 000	132 800 *
42.0	55.1	52.1	124 200 *	119 900 *
44.0	52.8	50.6	111 900 *	108 100 *
46.0	50.3	49.0	100 700 *	97 200 *
48.0	47.8	47.2	90 200 *	87 000 *
50.0	45.2	45.2	80 400 *	77 500 *
52.0	42.4	43.1	71 100 *	68 600 *
54.0	39.5	40.7	62 300 *	60 000 *
56.0	36.4	38.1	53 800 *	
58.0	33.1	35.1	45 500 *	
60.0	29.3	31.7	37 300 *	

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	324 500 *	310 600 *
20.0	79.3	69.8	318 100 *	304 800 *
22.0	77.6	69.4	308 900 *	297 900 *
24.0	75.9	68.9	288 200 *	282 100 *
26.0	74.1	68.3	263 900 *	257 700 *
28.0	72.4	67.7	241 900 *	232 800 *
30.0	70.6	67.0	217 400 *	209 600 *
32.0	68.8	66.2	196 900 *	189 800 *
34.0	67.0	65.4	178 800 *	172 300 *
36.0	65.2	64.5	162 800 *	156 900 *
38.0	63.3	63.5	148 400 *	143 000 *
40.0	61.4	62.4	135 400 *	130 400 *
42.0	59.5	61.2	123 500 *	119 000 *
44.0	57.5	60.0	112 600 *	108 500 *
46.0	55.5	58.6	102 600 *	98 700 *
48.0	53.4	57.1	93 300 *	89 700 *
50.0	51.3	55.6	84 500 *	81 300 *
52.0	49.1	53.8	76 300 *	73 400 *
54.0	46.8	52.0	68 600 *	65 800 *
56.0	44.4	50.0	61 200 *	58 700 *
58.0	42.0	47.8	54 200 *	51 900 *
60.0	39.4	45.4	47 400 *	45 400 *
62.0	36.6	42.8	40 800 *	
64.0	33.7	39.9	34 400 *	
66.0	30.4	36.6	28 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	275 000 *	261 100 *
20.0	80.4	77.6	274 400 *	260 600 *
22.0	78.8	77.2	268 400 *	255 300 *
24.0	77.3	76.7	262 500 *	250 000 *
26.0	75.8	76.2	248 300 *	238 500 *
28.0	74.2	75.7	222 900 *	214 100 *
30.0	72.6	75.0	201 500 *	193 600 *
32.0	71.0	74.4	183 100 *	175 900 *
34.0	69.4	73.6	167 000 *	160 300 *
36.0	67.8	72.8	152 700 *	146 600 *
38.0	66.2	71.9	139 800 *	134 200 *
40.0	64.5	71.0	128 300 *	123 100 *
42.0	62.8	70.0	117 700 *	112 900 *
44.0	61.1	68.9	108 000 *	103 600 *
46.0	59.4	67.7	99 100 *	95 000 *
48.0	57.6	66.5	90 800 *	87 000 *
50.0	55.8	65.1	83 000 *	79 500 *
52.0	53.9	63.7	75 700 *	72 500 *
54.0	52.0	62.1	68 900 *	65 900 *
56.0	50.1	60.5	62 400 *	59 600 *
58.0	48.1	58.7	56 200 *	53 700 *
60.0	46.0	56.8	50 300 *	48 000 *
62.0	43.8	54.7	44 700 *	42 500 *
64.0	41.6	52.5	39 200 *	37 300 *
66.0	39.2	50.1	33 900 *	32 100 *
68.0	36.8	47.5	28 700 *	
70.0	34.1	44.6	23 700 *	
72.0	31.3	41.4	18 600 *	

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	240 100 *	231 200 *
22.0	79.9	84.9	240 100 *	231 200 *
24.0	78.5	84.5	240 100 *	231 200 *
26.0	77.1	84.1	228 200 *	218 200 *
28.0	75.7	83.6	205 000 *	196 100 *
30.0	74.2	83.0	185 500 *	177 500 *
32.0	72.8	82.4	168 900 *	161 500 *
34.0	71.4	81.7	154 300 *	147 600 *
36.0	69.9	81.0	141 400 *	135 200 *
38.0	68.5	80.2	129 900 *	124 200 *
40.0	67.0	79.4	119 500 *	114 200 *
42.0	65.5	78.5	110 000 *	105 200 *
44.0	64.0	77.5	101 400 *	96 800 *
46.0	62.4	76.5	93 400 *	89 200 *
48.0	60.8	75.4	86 000 *	82 100 *
50.0	59.3	74.2	79 100 *	75 400 *
52.0	57.6	72.9	72 600 *	69 200 *
54.0	56.0	71.6	66 600 *	63 400 *
56.0	54.3	70.2	60 800 *	57 800 *
58.0	52.6	68.7	55 400 *	52 600 *
60.0	50.9	67.1	50 200 *	47 600 *
62.0	49.1	65.3	45 300 *	42 800 *
64.0	47.2	63.5	40 500 *	38 300 *
66.0	45.3	61.6	35 900 *	33 800 *
68.0	43.3	59.5	31 400 *	29 600 *
70.0	41.3	57.2	27 200 *	25 400 *
72.0	39.1	54.8	22 900 *	21 400 *
74.0	36.9	52.2	18 800 *	
76.0	34.5	49.4	14 800 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	193 000 *	184 200 *
24.0	79.5	92.3	193 000 *	184 200 *
26.0	78.2	91.9	193 000 *	184 200 *
28.0	76.9	91.4	188 300 *	179 600 *
30.0	75.6	90.9	171 500 *	163 300 *
32.0	74.3	90.4	155 700 *	148 300 *
34.0	73.0	89.8	142 200 *	135 300 *
36.0	71.7	89.1	130 300 *	124 000 *
38.0	70.3	88.4	119 700 *	113 800 *
40.0	69.0	87.6	110 100 *	104 700 *
42.0	67.6	86.8	101 400 *	96 400 *
44.0	66.3	85.9	93 500 *	88 800 *
46.0	64.9	85.0	86 200 *	81 800 *
48.0	63.5	84.0	79 500 *	75 400 *
50.0	62.1	83.0	73 200 *	69 400 *
52.0	60.6	81.9	67 300 *	63 700 *
54.0	59.2	80.7	61 900 *	58 500 *
56.0	57.7	79.4	56 700 *	53 500 *
58.0	56.2	78.1	51 800 *	48 800 *
60.0	54.7	76.7	47 100 *	44 300 *
62.0	53.1	75.2	42 700 *	40 000 *
64.0	51.5	73.6	38 400 *	36 000 *
66.0	49.9	72.0	34 400 *	32 100 *
68.0	48.2	70.2	30 500 *	28 300 *
70.0	46.5	68.3	26 600 *	24 600 *
72.0	44.7	66.3	23 000 *	21 100 *
74.0	42.9	64.2	19 400 *	17 600 *
76.0	41.0	61.9	15 900 *	14 300 *

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
99.1m (325 ft.) Boom				
22.9	80.9	100.3	154 400 *	145 100 *
24.0	80.3	100.1	154 400 *	145 100 *
26.0	79.1	99.7	154 400 *	145 100 *
28.0	77.9	99.3	154 400 *	145 100 *
30.0	76.7	98.8	154 400 *	145 100 *
32.0	75.5	98.3	144 000 *	136 500 *
34.0	74.3	97.7	131 300 *	124 300 *
36.0	73.1	97.1	120 100 *	113 700 *
38.0	71.9	96.5	110 100 *	104 200 *
40.0	70.7	95.8	101 200 *	95 700 *
42.0	69.4	95.0	93 100 *	88 000 *
44.0	68.2	94.2	85 800 *	80 900 *
46.0	66.9	93.4	79 000 *	74 500 *
48.0	65.7	92.5	72 800 *	68 500 *
50.0	64.4	91.5	67 000 *	63 000 *
52.0	63.1	90.5	61 600 *	57 900 *
54.0	61.8	89.5	56 600 *	53 000 *
56.0	60.5	88.4	51 800 *	48 500 *
58.0	59.1	87.2	47 300 *	44 200 *
60.0	57.8	85.9	43 100 *	40 100 *
62.0	56.4	84.6	39 100 *	36 200 *
64.0	55.0	83.2	35 200 *	32 500 *
66.0	53.5	81.7	31 500 *	29 000 *
68.0	52.1	80.2	28 000 *	25 600 *
70.0	50.6	78.6	24 600 *	22 300 *
72.0	49.0	76.8	21 300 *	19 200 *
74.0	47.5	75.0	18 100 *	16 200 *
76.0	45.9	73.1	15 000 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	492 000 *	480 800 *
14.0	79.8	39.9	484 200 *	473 200 *
16.0	76.7	39.5	431 200 *	421 400 *
18.0	73.6	38.9	387 400 *	378 600 *
20.0	70.4	38.2	350 200 *	342 300 *
22.0	67.2	37.4	318 200 *	311 100 *
24.0	63.8	36.4	290 400 *	284 100 *
26.0	60.4	35.3	261 400 *	252 000 *
28.0	56.8	34.0	221 900 *	213 900 *
30.0	53.1	32.5	188 900 *	182 100 *
32.0	49.1	30.9	160 600 *	154 800 *
34.0	44.9	28.9	135 700 *	130 700 *
36.0	40.4	26.6	113 300 *	109 300 *
38.0	35.4	24.0	92 900 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	447 400 *	437 200 *
16.0	79.0	47.3	429 500 *	419 700 *
18.0	76.4	46.8	385 600 *	376 800 *
20.0	73.8	46.2	348 900 *	340 900 *
22.0	71.2	45.6	317 400 *	310 100 *
24.0	68.5	44.8	290 000 *	283 400 *
26.0	65.7	43.9	266 000 *	260 000 *
28.0	62.9	42.9	243 900	238 200
30.0	60.0	41.8	219 100	212 800
32.0	57.1	40.5	192 900	186 200 *
34.0	54.0	39.1	168 400 *	162 500 *
36.0	50.8	37.5	146 900 *	141 700 *
38.0	47.4	35.7	127 600 *	123 100 *
40.0	43.8	33.6	110 100 *	106 200 *
42.0	40.0	31.3	94 000 *	90 700 *
44.0	35.8	28.7	79 000 *	
46.0	31.2	25.5	64 600 *	

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	409 000 *	399 400 *
18.0	78.4	54.6	383 600 *	374 600 *
20.0	76.2	54.2	347 000 *	338 800 *
22.0	73.9	53.6	315 700 *	308 300 *
24.0	71.7	52.9	288 600 *	281 800 *
26.0	69.4	52.2	264 900 *	258 600 *
28.0	67.1	51.4	243 800	237 800
30.0	64.7	50.4	221 600	215 500
32.0	62.3	49.4	198 000	192 600
34.0	59.8	48.3	178 400	173 500
36.0	57.3	47.0	161 300	156 300
38.0	54.6	45.6	144 400	139 100 *
40.0	51.9	44.0	128 200 *	123 500 *
42.0	49.1	42.3	113 400 *	109 200 *
44.0	46.1	40.5	99 900 *	96 200 *
46.0	43.0	38.4	87 300 *	84 000 *
48.0	39.7	36.0	75 500 *	72 600 *
50.0	36.2	33.4	64 300 *	
52.0	32.3	30.4	53 500 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	383 200 *	368 200 *
18.0	79.9	62.4	376 700 *	362 700 *
20.0	77.9	62.0	344 700 *	336 600 *
22.0	76.0	61.5	313 700 *	306 100 *
24.0	74.0	61.0	286 800 *	279 800 *
26.0	72.1	60.3	263 300 *	256 800 *
28.0	70.1	59.6	242 500 *	236 500 *
30.0	68.1	58.8	222 000	216 000
32.0	66.0	57.9	199 300	193 600
34.0	63.9	57.0	179 600	174 500
36.0	61.8	55.9	162 600	157 900
38.0	59.6	54.7	147 700	142 900
40.0	57.4	53.5	134 100 *	128 900 *
42.0	55.1	52.1	120 800 *	116 000 *
44.0	52.8	50.6	108 600 *	104 300 *
46.0	50.3	49.0	97 300 *	93 400 *
48.0	47.8	47.2	86 800 *	83 300 *
50.0	45.2	45.2	77 000 *	73 900 *
52.0	42.4	43.1	67 700 *	64 900 *
54.0	39.5	40.7	58 900 *	56 400 *
56.0	36.4	38.1	50 400 *	
58.0	33.1	35.1	42 100 *	
60.0	29.3	31.7	34 000 *	

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	322 900 *	307 700 *
20.0	79.3	69.8	316 200 *	301 700 *
22.0	77.6	69.4	306 900 *	294 800 *
24.0	75.9	68.9	286 100 *	279 100 *
26.0	74.1	68.3	261 700 *	254 800 *
28.0	72.4	67.7	238 800 *	228 600 *
30.0	70.6	67.0	214 400 *	205 700 *
32.0	68.8	66.2	193 900 *	185 900 *
34.0	67.0	65.4	175 800 *	168 500 *
36.0	65.2	64.5	159 700 *	153 100 *
38.0	63.3	63.5	145 400 *	139 300 *
40.0	61.4	62.4	132 400 *	126 800 *
42.0	59.5	61.2	120 500 *	115 400 *
44.0	57.5	60.0	109 600 *	104 900 *
46.0	55.5	58.6	99 600 *	95 300 *
48.0	53.4	57.1	90 200 *	86 200 *
50.0	51.3	55.6	81 500 *	77 800 *
52.0	49.1	53.8	73 300 *	69 900 *
54.0	46.8	52.0	65 500 *	62 400 *
56.0	44.4	50.0	58 100 *	55 400 *
58.0	42.0	47.8	51 100 *	48 600 *
60.0	39.4	45.4	44 300 *	42 000 *
62.0	36.6	42.8	37 700 *	
64.0	33.7	39.9	31 300 *	
66.0	30.4	36.6	24 900 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	273 400 *	258 300 *
20.0	80.4	77.6	272 800 *	257 800 *
22.0	78.8	77.2	266 700 *	252 300 *
24.0	77.3	76.7	260 700 *	246 900 *
26.0	75.8	76.2	245 400 *	234 500 *
28.0	74.2	75.7	220 000 *	210 200 *
30.0	72.6	75.0	198 600 *	189 800 *
32.0	71.0	74.4	180 200 *	172 200 *
34.0	69.4	73.6	164 100 *	156 700 *
36.0	67.8	72.8	149 800 *	143 000 *
38.0	66.2	71.9	137 000 *	130 700 *
40.0	64.5	71.0	125 400 *	119 600 *
42.0	62.8	70.0	114 800 *	109 500 *
44.0	61.1	68.9	105 100 *	100 200 *
46.0	59.4	67.7	96 200 *	91 600 *
48.0	57.6	66.5	87 900 *	83 700 *
50.0	55.8	65.1	80 200 *	76 200 *
52.0	53.9	63.7	72 900 *	69 300 *
54.0	52.0	62.1	66 000 *	62 700 *
56.0	50.1	60.5	59 600 *	56 400 *
58.0	48.1	58.7	53 400 *	50 500 *
60.0	46.0	56.8	47 500 *	44 800 *
62.0	43.8	54.7	41 800 *	39 400 *
64.0	41.6	52.5	36 400 *	34 200 *
66.0	39.2	50.1	31 100 *	29 100 *
68.0	36.8	47.5	25 900 *	
70.0	34.1	44.6	20 900 *	

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	237 700 *	228 100 *
22.0	79.9	84.9	237 700 *	228 100 *
24.0	78.5	84.5	237 700 *	228 100 *
26.0	77.1	84.1	225 300 *	214 200 *
28.0	75.7	83.6	202 200 *	192 300 *
30.0	74.2	83.0	182 800 *	173 800 *
32.0	72.8	82.4	166 100 *	157 900 *
34.0	71.4	81.7	151 500 *	144 000 *
36.0	69.9	81.0	138 700 *	131 800 *
38.0	68.5	80.2	127 200 *	120 800 *
40.0	67.0	79.4	116 800 *	110 900 *
42.0	65.5	78.5	107 300 *	101 900 *
44.0	64.0	77.5	98 700 *	93 600 *
46.0	62.4	76.5	90 700 *	86 000 *
48.0	60.8	75.4	83 300 *	78 900 *
50.0	59.3	74.2	76 400 *	72 300 *
52.0	57.6	72.9	70 000 *	66 100 *
54.0	56.0	71.6	63 900 *	60 300 *
56.0	54.3	70.2	58 100 *	54 800 *
58.0	52.6	68.7	52 700 *	49 600 *
60.0	50.9	67.1	47 500 *	44 600 *
62.0	49.1	65.3	42 500 *	39 800 *
64.0	47.2	63.5	37 800 *	35 300 *
66.0	45.3	61.6	33 200 *	30 900 *
68.0	43.3	59.5	28 800 *	26 600 *
70.0	41.3	57.2	24 500 *	22 500 *
72.0	39.1	54.8	20 300 *	18 500 *
74.0	36.9	52.2	16 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	190 900 *	181 300 *
24.0	79.5	92.3	190 900 *	181 300 *
26.0	78.2	91.9	190 900 *	181 300 *
28.0	76.9	91.4	186 000 *	176 400 *
30.0	75.6	90.9	168 800 *	159 600 *
32.0	74.3	90.4	153 200 *	144 800 *
34.0	73.0	89.8	139 600 *	132 000 *
36.0	71.7	89.1	127 700 *	120 600 *
38.0	70.3	88.4	117 100 *	110 600 *
40.0	69.0	87.6	107 500 *	101 500 *
42.0	67.6	86.8	98 800 *	93 200 *
44.0	66.3	85.9	90 900 *	85 700 *
46.0	64.9	85.0	83 700 *	78 800 *
48.0	63.5	84.0	76 900 *	72 300 *
50.0	62.1	83.0	70 700 *	66 300 *
52.0	60.6	81.9	64 800 *	60 800 *
54.0	59.2	80.7	59 300 *	55 500 *
56.0	57.7	79.4	54 100 *	50 600 *
58.0	56.2	78.1	49 200 *	45 900 *
60.0	54.7	76.7	44 600 *	41 400 *
62.0	53.1	75.2	40 200 *	37 200 *
64.0	51.5	73.6	35 900 *	33 100 *
66.0	49.9	72.0	31 800 *	29 300 *
68.0	48.2	70.2	27 900 *	25 500 *
70.0	46.5	68.3	24 100 *	21 900 *
72.0	44.7	66.3	20 500 *	18 400 *
74.0	42.9	64.2	16 900 *	14 900 *



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	487 000 *	474 800 *
14.0	79.8	39.9	479 100 *	467 100 *
16.0	76.7	39.5	426 100 *	415 400 *
18.0	73.6	38.9	382 200 *	372 600 *
20.0	70.4	38.2	345 000 *	336 400 *
22.0	67.2	37.4	312 900 *	305 200 *
24.0	63.8	36.4	285 100 *	278 200 *
26.0	60.4	35.3	253 600 *	243 300 *
28.0	56.8	34.0	214 400 *	205 600 *
30.0	53.1	32.5	181 600 *	174 100 *
32.0	49.1	30.9	153 400 *	147 000 *
34.0	44.9	28.9	128 600 *	123 200 *
36.0	40.4	26.6	106 400 *	102 000 *
38.0	35.4	24.0	86 100 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	442 700 *	431 300 *
16.0	79.0	47.3	424 700 *	413 800 *
18.0	76.4	46.8	380 800 *	371 000 *
20.0	73.8	46.2	344 100 *	335 200 *
22.0	71.2	45.6	312 500 *	304 500 *
24.0	68.5	44.8	285 100 *	277 800 *
26.0	65.7	43.9	261 100 *	254 400 *
28.0	62.9	42.9	239 000	232 700
30.0	60.0	41.8	213 700	206 100
32.0	57.1	40.5	186 300 *	178 900 *
34.0	54.0	39.1	162 000 *	155 500 *
36.0	50.8	37.5	140 500 *	134 800 *
38.0	47.4	35.7	121 300 *	116 400 *
40.0	43.8	33.6	103 900 *	99 700 *
42.0	40.0	31.3	87 900 *	84 300 *
44.0	35.8	28.7	73 000 *	
46.0	31.2	25.5	58 700 *	

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	404 400 *	393 700 *
18.0	78.4	54.6	379 100 *	369 100 *
20.0	76.2	54.2	342 400 *	333 300 *
22.0	73.9	53.6	311 200 *	302 900 *
24.0	71.7	52.9	284 100 *	276 500 *
26.0	69.4	52.2	260 300 *	253 400 *
28.0	67.1	51.4	239 200	232 600
30.0	64.7	50.4	217 000	210 200
32.0	62.3	49.4	193 400	187 500
34.0	59.8	48.3	173 900	168 400
36.0	57.3	47.0	156 200	150 100 *
38.0	54.6	45.6	138 600 *	132 800 *
40.0	51.9	44.0	122 500 *	117 300 *
42.0	49.1	42.3	107 800 *	103 200 *
44.0	46.1	40.5	94 300 *	90 300 *
46.0	43.0	38.4	81 800 *	78 200 *
48.0	39.7	36.0	70 100 *	67 000 *
50.0	36.2	33.4	58 900 *	
52.0	32.3	30.4	48 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
61.0m (200 ft.) Boom				
16.8	81.0	62.7	378 500 *	362 100 *
18.0	79.9	62.4	372 300 *	356 500 *
20.0	77.9	62.0	340 300 *	331 400 *
22.0	76.0	61.5	309 300 *	300 900 *
24.0	74.0	61.0	282 500 *	274 700 *
26.0	72.1	60.3	259 000 *	251 800 *
28.0	70.1	59.6	238 100 *	231 500 *
30.0	68.1	58.8	217 600	211 000
32.0	66.0	57.9	195 000	188 800
34.0	63.9	57.0	175 500	169 500 *
36.0	61.8	55.9	158 500	152 300 *
38.0	59.6	54.7	143 200	136 900 *
40.0	57.4	53.5	128 700 *	123 000 *
42.0	55.1	52.1	115 500 *	110 300 *
44.0	52.8	50.6	103 400 *	98 700 *
46.0	50.3	49.0	92 200 *	87 900 *
48.0	47.8	47.2	81 800 *	77 900 *
50.0	45.2	45.2	72 000 *	68 500 *
52.0	42.4	43.1	62 800 *	59 700 *
54.0	39.5	40.7	54 000 *	51 200 *
56.0	36.4	38.1	45 500 *	
58.0	33.1	35.1	37 300 *	
60.0	29.3	31.7	29 200 *	

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	318 000 *	301 300 *
20.0	79.3	69.8	311 300 *	295 300 *
22.0	77.6	69.4	302 200 *	288 400 *
24.0	75.9	68.9	282 100 *	273 700 *
26.0	74.1	68.3	257 500 *	248 500 *
28.0	72.4	67.7	232 900 *	221 800 *
30.0	70.6	67.0	208 900 *	199 200 *
32.0	68.8	66.2	188 500 *	179 700 *
34.0	67.0	65.4	170 500 *	162 500 *
36.0	65.2	64.5	154 500 *	147 200 *
38.0	63.3	63.5	140 200 *	133 500 *
40.0	61.4	62.4	127 300 *	121 200 *
42.0	59.5	61.2	115 500 *	109 900 *
44.0	57.5	60.0	104 700 *	99 500 *
46.0	55.5	58.6	94 700 *	90 000 *
48.0	53.4	57.1	85 400 *	81 000 *
50.0	51.3	55.6	76 700 *	72 700 *
52.0	49.1	53.8	68 600 *	64 900 *
54.0	46.8	52.0	60 900 *	57 500 *
56.0	44.4	50.0	53 500 *	50 500 *
58.0	42.0	47.8	46 500 *	43 700 *
60.0	39.4	45.4	39 800 *	37 300 *
62.0	36.6	42.8	33 200 *	
64.0	33.7	39.9	26 800 *	
66.0	30.4	36.6	20 500 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	268 700 *	252 100 *
20.0	80.4	77.6	268 100 *	251 600 *
22.0	78.8	77.2	261 900 *	246 200 *
24.0	77.3	76.7	255 800 *	240 800 *
26.0	75.8	76.2	239 700 *	227 600 *
28.0	74.2	75.7	214 500 *	203 600 *
30.0	72.6	75.0	193 300 *	183 400 *
32.0	71.0	74.4	175 000 *	166 000 *
34.0	69.4	73.6	159 000 *	150 800 *
36.0	67.8	72.8	144 800 *	137 200 *
38.0	66.2	71.9	132 000 *	125 100 *
40.0	64.5	71.0	120 500 *	114 200 *
42.0	62.8	70.0	110 000 *	104 100 *
44.0	61.1	68.9	100 400 *	95 000 *
46.0	59.4	67.7	91 600 *	86 500 *
48.0	57.6	66.5	83 300 *	78 600 *
50.0	55.8	65.1	75 600 *	71 300 *
52.0	53.9	63.7	68 400 *	64 400 *
54.0	52.0	62.1	61 600 *	57 900 *
56.0	50.1	60.5	55 100 *	51 700 *
58.0	48.1	58.7	49 000 *	45 800 *
60.0	46.0	56.8	43 100 *	40 200 *
62.0	43.8	54.7	37 500 *	34 800 *
64.0	41.6	52.5	32 100 *	29 600 *
66.0	39.2	50.1	26 800 *	24 600 *
68.0	36.8	47.5	21 700 *	
70.0	34.1	44.6	16 600 *	

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	233 100 *	222 800 *
22.0	79.9	84.9	233 100 *	222 800 *
24.0	78.5	84.5	233 100 *	221 400 *
26.0	77.1	84.1	219 700 *	207 400 *
28.0	75.7	83.6	196 800 *	185 800 *
30.0	74.2	83.0	177 600 *	167 600 *
32.0	72.8	82.4	161 000 *	151 900 *
34.0	71.4	81.7	146 600 *	138 200 *
36.0	69.9	81.0	133 800 *	126 100 *
38.0	68.5	80.2	122 400 *	115 300 *
40.0	67.0	79.4	112 100 *	105 500 *
42.0	65.5	78.5	102 700 *	96 600 *
44.0	64.0	77.5	94 100 *	88 500 *
46.0	62.4	76.5	86 100 *	80 900 *
48.0	60.8	75.4	78 800 *	73 900 *
50.0	59.3	74.2	72 000 *	67 400 *
52.0	57.6	72.9	65 600 *	61 300 *
54.0	56.0	71.6	59 600 *	55 600 *
56.0	54.3	70.2	53 800 *	50 100 *
58.0	52.6	68.7	48 400 *	45 000 *
60.0	50.9	67.1	43 300 *	40 100 *
62.0	49.1	65.3	38 400 *	35 400 *
64.0	47.2	63.5	33 600 *	30 900 *
66.0	45.3	61.6	29 100 *	26 500 *
68.0	43.3	59.5	24 700 *	22 400 *
70.0	41.3	57.2	20 400 *	18 300 *
72.0	39.1	54.8	16 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	186 600 *	176 400 *
24.0	79.5	92.3	186 600 *	176 400 *
26.0	78.2	91.9	186 600 *	176 400 *
28.0	76.9	91.4	181 400 *	172 200 *
30.0	75.6	90.9	163 700 *	153 500 *
32.0	74.3	90.4	148 200 *	139 000 *
34.0	73.0	89.8	134 800 *	126 400 *
36.0	71.7	89.1	123 000 *	115 200 *
38.0	70.3	88.4	112 400 *	105 200 *
40.0	69.0	87.6	102 900 *	96 300 *
42.0	67.6	86.8	94 400 *	88 200 *
44.0	66.3	85.9	86 500 *	80 700 *
46.0	64.9	85.0	79 300 *	73 900 *
48.0	63.5	84.0	72 600 *	67 500 *
50.0	62.1	83.0	66 400 *	61 600 *
52.0	60.6	81.9	60 600 *	56 200 *
54.0	59.2	80.7	55 100 *	51 000 *
56.0	57.7	79.4	50 000 *	46 100 *
58.0	56.2	78.1	45 100 *	41 400 *
60.0	54.7	76.7	40 500 *	37 100 *
62.0	53.1	75.2	36 100 *	32 900 *
64.0	51.5	73.6	31 900 *	28 900 *
66.0	49.9	72.0	27 900 *	25 000 *
68.0	48.2	70.2	24 000 *	21 300 *
70.0	46.5	68.3	20 200 *	17 700 *
72.0	44.7	66.3	16 600 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg..	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) Boom				
13.7	80.2	40.0	482 400 *	469 000 *
14.0	79.8	39.9	474 600 *	461 300 *
16.0	76.7	39.5	421 400 *	409 700 *
18.0	73.6	38.9	377 500 *	367 000 *
20.0	70.4	38.2	340 200 *	330 700 *
22.0	67.2	37.4	308 100 *	299 600 *
24.0	63.8	36.4	280 200 *	272 700 *
26.0	60.4	35.3	246 200 *	234 900 *
28.0	56.8	34.0	207 200 *	197 700 *
30.0	53.1	32.5	174 600 *	166 500 *
32.0	49.1	30.9	146 600 *	
34.0	44.9	28.9	122 000 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	438 200 *	425 600 *
16.0	79.0	47.3	420 300 *	408 100 *
18.0	76.4	46.8	376 300 *	365 400 *
20.0	73.8	46.2	339 600 *	329 800 *
22.0	71.2	45.6	308 000 *	299 100 *
24.0	68.5	44.8	280 600 *	272 500 *
26.0	65.7	43.9	256 500 *	249 200 *
28.0	62.9	42.9	234 400	227 300 *
30.0	60.0	41.8	207 900	199 300 *
32.0	57.1	40.5	180 100 *	172 000 *
34.0	54.0	39.1	155 900 *	148 800 *
36.0	50.8	37.5	134 600 *	
38.0	47.4	35.7	115 500 *	
40.0	43.8	33.6	98 200 *	

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	400 100 *	388 400 *
18.0	78.4	54.6	374 800 *	363 800 *
20.0	76.2	54.2	338 100 *	328 200 *
22.0	73.9	53.6	306 900 *	297 800 *
24.0	71.7	52.9	279 800 *	271 500 *
26.0	69.4	52.2	256 100 *	248 400 *
28.0	67.1	51.4	234 900	227 600
30.0	64.7	50.4	212 600	205 100
32.0	62.3	49.4	189 100	182 700
34.0	59.8	48.3	169 600	163 100 *
36.0	57.3	47.0	151 100 *	143 900 *
38.0	54.6	45.6	133 100 *	126 900 *
40.0	51.9	44.0	117 100 *	
42.0	49.1	42.3	102 500 *	
44.0	46.1	40.5	89 200 *	
61.0m (200 ft.) Boom				
16.8	81.0	62.7	374 100 *	356 100 *
18.0	79.9	62.4	368 000 *	350 500 *
20.0	77.9	62.0	336 300 *	326 400 *
22.0	76.0	61.5	305 300 *	296 000 *
24.0	74.0	61.0	278 500 *	269 900 *
26.0	72.1	60.3	254 900 *	247 100 *
28.0	70.1	59.6	234 100 *	226 700 *
30.0	68.1	58.8	213 600	205 100 *
32.0	66.0	57.9	191 000	182 700 *
34.0	63.9	57.0	171 500	163 500 *
36.0	61.8	55.9	154 200 *	146 500 *
38.0	59.6	54.7	138 200 *	131 300 *
40.0	57.4	53.5	123 800 *	117 500 *
42.0	55.1	52.1	110 600 *	104 900 *
44.0	52.8	50.6	98 600 *	93 400 *
46.0	50.3	49.0	87 400 *	
48.0	47.8	47.2	77 100 *	
50.0	45.2	45.2	67 400 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B

Jib No. 22EL, 36.6m Mast No. 49A

13.7m RINGER Attachment on Screw Jack Pedestals

632 810 kg Auxiliary Counterweight

360 Degree Rating

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
68.6m (225 ft.) Boom				
18.3	80.7	70.1	310 200 *	292 300 *
20.0	79.3	69.8	303 500 *	286 400 *
22.0	77.6	69.4	295 600 *	279 400 *
24.0	75.9	68.9	278 400 *	267 700 *
26.0	74.1	68.3	253 500 *	241 600 *
28.0	72.4	67.7	227 400 *	215 400 *
30.0	70.6	67.0	203 700 *	193 000 *
32.0	68.8	66.2	183 400 *	173 800 *
34.0	67.0	65.4	165 600 *	156 800 *
36.0	65.2	64.5	149 700 *	141 700 *
38.0	63.3	63.5	135 500 *	128 200 *
40.0	61.4	62.4	122 700 *	115 900 *
42.0	59.5	61.2	110 900 *	104 800 *
44.0	57.5	60.0	100 200 *	94 500 *
46.0	55.5	58.6	90 300 *	85 000 *
48.0	53.4	57.1	81 000 *	76 300 *
50.0	51.3	55.6	72 400 *	
52.0	49.1	53.8	64 300 *	
54.0	46.8	52.0	56 600 *	
56.0	44.4	50.0	49 300 *	

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
76.2m (250 ft.) Boom				
19.8	80.5	77.6	264 100 *	246 100 *
20.0	80.4	77.6	263 500 *	245 600 *
22.0	78.8	77.2	257 300 *	240 200 *
24.0	77.3	76.7	251 100 *	234 800 *
26.0	75.8	76.2	234 300 *	220 900 *
28.0	74.2	75.7	209 300 *	197 300 *
30.0	72.6	75.0	188 300 *	177 500 *
32.0	71.0	74.4	170 100 *	160 300 *
34.0	69.4	73.6	154 200 *	145 200 *
36.0	67.8	72.8	140 100 *	131 900 *
38.0	66.2	71.9	127 500 *	119 900 *
40.0	64.5	71.0	116 000 *	109 100 *
42.0	62.8	70.0	105 600 *	99 200 *
44.0	61.1	68.9	96 100 *	90 100 *
46.0	59.4	67.7	87 300 *	81 700 *
48.0	57.6	66.5	79 100 *	74 000 *
50.0	55.8	65.1	71 400 *	66 700 *
52.0	53.9	63.7	64 300 *	59 900
54.0	52.0	62.1	57 500 *	
56.0	50.1	60.5	51 100 *	
58.0	48.1	58.7	45 000 *	
60.0	46.0	56.8	39 200 *	
62.0	43.8	54.7	33 600 *	
64.0	41.6	52.5	28 200 *	



Liftcrane Boom Capacities With Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B
Jib No. 22EL, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
632 810 kg Auxiliary Counterweight
360 Degree Rating

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
83.8m (275 ft.) Boom				
21.3	80.3	85.1	228 800 *	212 100 *
22.0	79.9	84.9	228 800 *	211 000 *
24.0	78.5	84.5	228 800 *	207 500 *
26.0	77.1	84.1	214 400 *	201 100 *
28.0	75.7	83.6	191 700 *	179 600 *
30.0	74.2	83.0	172 600 *	161 700 *
32.0	72.8	82.4	156 200 *	146 300 *
34.0	71.4	81.7	141 900 *	132 800 *
36.0	69.9	81.0	129 200 *	120 900 *
38.0	68.5	80.2	117 900 *	110 200 *
40.0	67.0	79.4	107 700 *	100 500 *
42.0	65.5	78.5	98 400 *	91 800 *
44.0	64.0	77.5	89 900 *	83 700 *
46.0	62.4	76.5	82 000 *	76 300 *
48.0	60.8	75.4	74 700 *	69 400 *
50.0	59.3	74.2	67 900 *	63 000 *
52.0	57.6	72.9	61 600 *	56 900 *
54.0	56.0	71.6	55 600 *	51 300 *
56.0	54.3	70.2	49 900 *	45 900 *
58.0	52.6	68.7	44 600 *	
60.0	50.9	67.1	39 400 *	
62.0	49.1	65.3	34 600 *	
64.0	47.2	63.5	29 900 *	
66.0	45.3	61.6	25 300 *	
68.0	43.3	59.5	21 000 *	

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
91.4m (300 ft.) Boom				
22.9	80.2	92.5	182 600 *	171 700 *
24.0	79.5	92.3	182 600 *	171 700 *
26.0	78.2	91.9	182 600 *	171 600 *
28.0	76.9	91.4	178 500 *	166 000 *
30.0	75.6	90.9	158 800 *	147 800 *
32.0	74.3	90.4	143 600 *	133 500 *
34.0	73.0	89.8	130 300 *	121 100 *
36.0	71.7	89.1	118 600 *	110 100 *
38.0	70.3	88.4	108 100 *	100 200 *
40.0	69.0	87.6	98 700 *	91 400 *
42.0	67.6	86.8	90 200 *	83 400 *
44.0	66.3	85.9	82 400 *	76 100 *
46.0	64.9	85.0	75 300 *	69 400 *
48.0	63.5	84.0	68 700 *	63 100 *
50.0	62.1	83.0	62 500 *	57 300 *
52.0	60.6	81.9	56 700 *	51 900 *
54.0	59.2	80.7	51 300 *	46 800 *
56.0	57.7	79.4	46 200 *	42 000 *
58.0	56.2	78.1	41 400 *	37 400 *
60.0	54.7	76.7	36 800 *	33 100 *
62.0	53.1	75.2	32 500 *	28 900 *
64.0	51.5	73.6	28 300 *	
66.0	49.9	72.0	24 300 *	
68.0	48.2	70.2	20 400 *	
70.0	46.5	68.3	16 700 *	