



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
393 310 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 393 310 kg auxiliary counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted	
Boom Length	Jib No. 22EL
129.5m – 106.7m	—
99.1m	24.4m
91.4m	48.8m
83.8m	67.1m
76.2m	85.3m
68.6m	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-BM** for jib capacities.



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393 310 kg Auxiliary Counterweight

360 Degree Rating

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
38.1m (125 ft.) 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	456 300 c	453 600 c
18.0	73.6	38.9	379 600 c	376 500 b
20.0	70.4	38.2	316 500 c	313 900 b
22.0	67.2	37.4	270 500 c	268 300 b
24.0	63.8	36.4	234 900 b	233 000 b
26.0	60.4	35.3	206 500 b	204 800 b
28.0	56.8	34.0	183 100 b	181 700 b
30.0	53.1	32.5	163 700 b	162 500 b
32.0	49.1	30.9	147 300 b	146 300
34.0	44.9	28.9	133 200 b	132 300
36.0	40.4	26.6	121 000	120 200
38.0	35.4	24.0	110 200	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	477 600 *c	475 200 *c
16.0	79.0	47.3	452 500 c	449 600 c
18.0	76.4	46.8	379 600 c	376 400 c
20.0	73.8	46.2	316 200 c	313 600 b
22.0	71.2	45.6	270 200 c	268 000 b
24.0	68.5	44.8	234 700 c	232 700 b
26.0	65.7	43.9	206 200 b	204 500 b
28.0	62.9	42.9	183 000 b	181 500 b
30.0	60.0	41.8	163 600 b	162 200 b
32.0	57.1	40.5	147 200 b	146 000 b
34.0	54.0	39.1	133 200 b	132 100 b
36.0	50.8	37.5	121 000 b	120 000
38.0	47.4	35.7	110 300 b	109 500
40.0	43.8	33.6	100 900	100 200
42.0	40.0	31.3	92 500	91 900
44.0	35.8	28.7	85 000	
46.0	31.2	25.5	78 100	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	427 500 c	423 900 c
18.0	78.4	54.6	379 000 c	375 800 c
20.0	76.2	54.2	316 200 c	313 500 c
22.0	73.9	53.6	270 100 c	267 800 c
24.0	71.7	52.9	234 400 c	232 400 b
26.0	69.4	52.2	206 000 c	204 200 b
28.0	67.1	51.4	182 600 c	181 000 b
30.0	64.7	50.4	163 200 b	161 800 b
32.0	62.3	49.4	146 800 b	145 500 b
34.0	59.8	48.3	132 700 b	131 600 b
36.0	57.3	47.0	120 500 b	119 500 b
38.0	54.6	45.6	109 900 b	108 900 b
40.0	51.9	44.0	100 400 b	99 600 b
42.0	49.1	42.3	92 000 b	91 200 b
44.0	46.1	40.5	84 500 b	83 800
46.0	43.0	38.4	77 700 b	77 100
48.0	39.7	36.0	71 600	71 000
50.0	36.2	33.4	66 000	
52.0	32.3	30.4	60 900	



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13.7m RINGER Attachment on Screw Jack Pedestals

393 310 kg Auxiliary Counterweight

360 Degree Rating

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	375 600 c	372 100 c
20.0	77.9	62.0	315 400 c	312 600 c
22.0	76.0	61.5	269 300 c	266 900 c
24.0	74.0	61.0	233 600 c	231 500 c
26.0	72.1	60.3	205 100 c	203 300 c
28.0	70.1	59.6	181 800 c	180 100 b
30.0	68.1	58.8	162 400 c	160 900 b
32.0	66.0	57.9	146 000 c	144 600 b
34.0	63.9	57.0	131 900 b	130 600 b
36.0	61.8	55.9	119 700 b	118 600 b
38.0	59.6	54.7	109 000 b	108 000 b
40.0	57.4	53.5	99 600 b	98 700 b
42.0	55.1	52.1	91 300 b	90 400 b
44.0	52.8	50.6	83 800 b	83 000 b
46.0	50.3	49.0	77 000 b	76 300 b
48.0	47.8	47.2	70 900 b	70 200 b
50.0	45.2	45.2	65 300 b	64 700
52.0	42.4	43.1	60 200	59 700
54.0	39.5	40.7	55 600	55 000
56.0	36.4	38.1	51 200	
58.0	33.1	35.1	47 200	
60.0	29.3	31.7	42 900 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	315 900 c	313 200 c
22.0	77.6	69.4	268 800 c	266 400 c
24.0	75.9	68.9	233 000 c	230 900 c
26.0	74.1	68.3	204 500 c	202 600 c
28.0	72.4	67.7	181 100 c	179 400 c
30.0	70.6	67.0	161 700 c	160 100 c
32.0	68.8	66.2	145 300 c	143 900 b
34.0	67.0	65.4	131 100 c	129 900 b
36.0	65.2	64.5	118 900 c	117 700 b
38.0	63.3	63.5	108 300 c	107 200 b
40.0	61.4	62.4	98 800 c	97 800 b
42.0	59.5	61.2	90 400 b	89 500 b
44.0	57.5	60.0	82 900 b	82 100 b
46.0	55.5	58.6	76 200 b	75 400 b
48.0	53.4	57.1	70 000 b	69 300 b
50.0	51.3	55.6	64 500 b	63 800 b
52.0	49.1	53.8	59 400 b	58 700 b
54.0	46.8	52.0	54 700 b	54 100 b
56.0	44.4	50.0	50 400 b	49 900
58.0	42.0	47.8	46 400 b	45 800 *
60.0	39.4	45.4	42 000 *b	41 400 *
62.0	36.6	42.8	37 900 *	
64.0	33.7	39.9	34 100 *	
66.0	30.4	36.6	30 500 *	



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

13.7m RINGER Attachment on Screw Jack Pedestals

393 310 kg Auxiliary Counterweight

360 Degree Rating

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	297 900 c	292 500 c
22.0	78.8	77.2	270 000 c	268 000 c
24.0	77.3	76.7	231 900 c	229 800 c
26.0	75.8	76.2	203 400 c	201 500 c
28.0	74.2	75.7	180 000 c	178 300 c
30.0	72.6	75.0	160 500 c	159 000 c
32.0	71.0	74.4	144 100 c	142 700 c
34.0	69.4	73.6	130 000 c	128 700 c
36.0	67.8	72.8	117 800 c	116 600 b
38.0	66.2	71.9	107 100 c	106 000 b
40.0	64.5	71.0	97 700 c	96 600 b
42.0	62.8	70.0	89 300 c	88 300 b
44.0	61.1	68.9	81 800 b	80 900 b
46.0	59.4	67.7	75 000 b	74 200 b
48.0	57.6	66.5	68 900 b	68 100 b
50.0	55.8	65.1	63 400 b	62 600 b
52.0	53.9	63.7	58 300 b	57 600 b
54.0	52.0	62.1	53 600 b	52 900 b
56.0	50.1	60.5	49 300 b	48 700 b
58.0	48.1	58.7	45 100 *b	44 300 *b
60.0	46.0	56.8	40 700 *b	40 000 *b
62.0	43.8	54.7	36 600 *b	35 900 *b
64.0	41.6	52.5	32 800 *b	32 200 *b
66.0	39.2	50.1	29 300 *b	28 700 *
68.0	36.8	47.5	25 900 *	
70.0	34.1	44.6	22 700 *	
72.0	31.3	41.4	19 800 *	
74.0	28.2	37.9	17 000 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	254 600 c	252 100 c
24.0	78.5	84.5	232 600 c	230 500 c
26.0	77.1	84.1	202 100 c	200 200 c
28.0	75.7	83.6	178 800 c	177 000 c
30.0	74.2	83.0	159 400 c	157 800 b
32.0	72.8	82.4	143 000 c	141 600 b
34.0	71.4	81.7	128 900 c	127 600 b
36.0	69.9	81.0	116 800 c	115 600 b
38.0	68.5	80.2	106 100 c	105 000 b
40.0	67.0	79.4	96 700 c	95 700 b
42.0	65.5	78.5	88 400 b	87 400 b
44.0	64.0	77.5	80 900 b	80 000 b
46.0	62.4	76.5	74 200 b	73 400 b
48.0	60.8	75.4	68 100 b	67 300 b
50.0	59.3	74.2	62 600 b	61 800 b
52.0	57.6	72.9	57 500 b	56 800 b
54.0	56.0	71.6	52 900 b	52 200 b
56.0	54.3	70.2	48 600 b	48 000 b
58.0	52.6	68.7	44 400 *b	43 600 *b
60.0	50.9	67.1	40 000 *b	39 300 *b
62.0	49.1	65.3	36 000 *b	35 200 *
64.0	47.2	63.5	32 200 *b	31 500 *
66.0	45.3	61.6	28 600 *	28 000 *
68.0	43.3	59.5	25 300 *	24 700 *
70.0	41.3	57.2	22 200 *	21 600 *
72.0	39.1	54.8	19 300 *	18 700 *
74.0	36.9	52.2	16 500 *	
76.0	34.5	49.4	13 900 *	



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13.7m RINGER Attachment on Screw Jack Pedestals

393 310 kg Auxiliary Counterweight

360 Degree Rating

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	201 100 c	199 200 c
28.0	76.9	91.4	177 600 c	175 900 c
30.0	75.6	90.9	158 200 c	156 600 c
32.0	74.3	90.4	141 800 c	140 300 c
34.0	73.0	89.8	127 700 c	126 300 c
36.0	71.7	89.1	115 500 c	114 300 b
38.0	70.3	88.4	104 900 c	103 700 b
40.0	69.0	87.6	95 500 c	94 400 b
42.0	67.6	86.8	87 100 c	86 100 b
44.0	66.3	85.9	79 600 c	78 700 b
46.0	64.9	85.0	72 900 b	72 000 b
48.0	63.5	84.0	66 800 b	65 900 b
50.0	62.1	83.0	61 300 b	60 400 b
52.0	60.6	81.9	56 200 b	55 400 b
54.0	59.2	80.7	51 600 b	50 800 b
56.0	57.7	79.4	47 300 b	46 500 b
58.0	56.2	78.1	42 800 *b	42 000 *b
60.0	54.7	76.7	38 400 *b	37 600 *b
62.0	53.1	75.2	34 400 *b	33 600 *b
64.0	51.5	73.6	30 500 *b	29 800 *b
66.0	49.9	72.0	27 000 *b	26 300 *b
68.0	48.2	70.2	23 700 *b	23 000 *
70.0	46.5	68.3	20 600 *b	19 900 *
72.0	44.7	66.3	17 600 *b	17 000 *
74.0	42.9	64.2	14 900 *	

21.3m (70 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	184 100 c	179 200 *c
28.0	77.9	99.3	178 500 c	174 000 c
30.0	76.7	98.8	157 100 c	155 600 c
32.0	75.5	98.3	140 700 c	139 200 c
34.0	74.3	97.7	126 600 c	125 200 c
36.0	73.1	97.1	114 400 c	113 100 c
38.0	71.9	96.5	103 700 c	102 500 c
40.0	70.7	95.8	94 300 c	93 200 b
42.0	69.4	95.0	85 900 c	84 900 b
44.0	68.2	94.2	78 400 c	77 400 b
46.0	66.9	93.4	71 700 c	70 800 b
48.0	65.7	92.5	65 600 c	64 700 b
50.0	64.4	91.5	60 000 c	59 200 b
52.0	63.1	90.5	55 000 c	54 200 b
54.0	61.8	89.5	50 300 b	49 600 b
56.0	60.5	88.4	46 000 b	45 200 b
58.0	59.1	87.2	41 400 *b	40 500 *b
60.0	57.8	85.9	37 000 *b	36 100 *b
62.0	56.4	84.6	32 900 *b	32 100 *b
64.0	55.0	83.2	29 100 *b	28 300 *b
66.0	53.5	81.7	25 500 *b	24 800 *b
68.0	52.1	80.2	22 200 *b	21 500 *b
70.0	50.6	78.6	19 100 *b	18 400 *b
72.0	49.0	76.8	16 100 *b	15 500 *b



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13.7m RINGER Attachment on Screw Jack Pedestals

393 310 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	454 300 c	451 200 b
18.0	73.6	38.9	377 400 c	373 800 b
20.0	70.4	38.2	314 300 b	311 500 b
22.0	67.2	37.4	268 400 b	266 000 b
24.0	63.8	36.4	232 800 b	230 700 b
26.0	60.4	35.3	204 400 b	202 600 b
28.0	56.8	34.0	181 100 b	179 600
30.0	53.1	32.5	161 700 b	160 400
32.0	49.1	30.9	145 300	144 200
34.0	44.9	28.9	131 200	130 200
36.0	40.4	26.6	119 000	118 200
38.0	35.4	24.0	108 300	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	475 800 *c	473 000 *b
16.0	79.0	47.3	450 500 c	447 200 b
18.0	76.4	46.8	377 500 c	373 900 b
20.0	73.8	46.2	314 200 c	311 300 b
22.0	71.2	45.6	268 300 c	265 800 b
24.0	68.5	44.8	232 700 b	230 500 b
26.0	65.7	43.9	204 300 b	202 400 b
28.0	62.9	42.9	181 100 b	179 400 b
30.0	60.0	41.8	161 700 b	160 200 b
32.0	57.1	40.5	145 400 b	144 000 b
34.0	54.0	39.1	131 300 b	130 200
36.0	50.8	37.5	119 200	118 100
38.0	47.4	35.7	108 500	107 600
40.0	43.8	33.6	99 100	98 300
42.0	40.0	31.3	90 700	90 000
44.0	35.8	28.7	83 200	
46.0	31.2	25.5	76 400	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	425 500 c	421 500 c
18.0	78.4	54.6	377 100 c	373 500 c
20.0	76.2	54.2	314 300 c	311 300 b
22.0	73.9	53.6	268 200 c	265 600 b
24.0	71.7	52.9	232 600 c	230 300 b
26.0	69.4	52.2	204 100 c	202 200 b
28.0	67.1	51.4	180 900 b	179 000 b
30.0	64.7	50.4	161 500 b	159 800 b
32.0	62.3	49.4	145 000 b	143 600 b
34.0	59.8	48.3	131 000 b	129 700 b
36.0	57.3	47.0	118 800 b	117 600 b
38.0	54.6	45.6	108 100 b	107 100
40.0	51.9	44.0	98 700 b	97 800
42.0	49.1	42.3	90 300	89 500
44.0	46.1	40.5	82 800	82 100
46.0	43.0	38.4	76 100	75 400
48.0	39.7	36.0	70 000	69 300
50.0	36.2	33.4	64 400	
52.0	32.3	30.4	59 200	



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393 310 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	373 800 c	369 800 c
20.0	77.9	62.0	313 600 c	310 500 c
22.0	76.0	61.5	267 500 c	264 900 c
24.0	74.0	61.0	231 900 c	229 500 b
26.0	72.1	60.3	203 400 c	201 300 b
28.0	70.1	59.6	180 100 c	178 200 b
30.0	68.1	58.8	160 700 b	159 100 b
32.0	66.0	57.9	144 400 b	142 800 b
34.0	63.9	57.0	130 300 b	128 900 b
36.0	61.8	55.9	118 100 b	116 800 b
38.0	59.6	54.7	107 400 b	106 300 b
40.0	57.4	53.5	98 100 b	97 000 b
42.0	55.1	52.1	89 700 b	88 700 b
44.0	52.8	50.6	82 200 b	81 300
46.0	50.3	49.0	75 400 b	74 600
48.0	47.8	47.2	69 300 b	68 600
50.0	45.2	45.2	63 800	63 100
52.0	42.4	43.1	58 700	58 100
54.0	39.5	40.7	54 000	53 400
56.0	36.4	38.1	49 700	
58.0	33.1	35.1	45 300 *	
60.0	29.3	31.7	40 900 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	314 100 c	311 200 c
22.0	77.6	69.4	267 200 c	264 400 c
24.0	75.9	68.9	231 400 c	229 000 c
26.0	74.1	68.3	202 900 c	200 800 b
28.0	72.4	67.7	179 500 c	177 600 b
30.0	70.6	67.0	160 100 c	158 300 b
32.0	68.8	66.2	143 700 c	142 100 b
34.0	67.0	65.4	129 600 c	128 200 b
36.0	65.2	64.5	117 400 b	116 100 b
38.0	63.3	63.5	106 700 b	105 500 b
40.0	61.4	62.4	97 300 b	96 200 b
42.0	59.5	61.2	88 900 b	87 900 b
44.0	57.5	60.0	81 400 b	80 500 b
46.0	55.5	58.6	74 700 b	73 800 b
48.0	53.4	57.1	68 600 b	67 700 b
50.0	51.3	55.6	63 000 b	62 200
52.0	49.1	53.8	57 900 b	57 200
54.0	46.8	52.0	53 200 b	52 600
56.0	44.4	50.0	49 000	48 300
58.0	42.0	47.8	44 500 *	43 700 *
60.0	39.4	45.4	40 100 *	39 400 *
62.0	36.6	42.8	36 000 *	
64.0	33.7	39.9	32 100 *	
66.0	30.4	36.6	28 600 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	296 200 c	290 500 c
22.0	78.8	77.2	268 400 c	266 100 c
24.0	77.3	76.7	230 300 c	227 900 c
26.0	75.8	76.2	201 800 c	199 700 c
28.0	74.2	75.7	178 400 c	176 500 c
30.0	72.6	75.0	159 000 c	157 300 b
32.0	71.0	74.4	142 600 c	141 000 b
34.0	69.4	73.6	128 500 c	127 000 b
36.0	67.8	72.8	116 300 c	114 900 b
38.0	66.2	71.9	105 600 c	104 400 b
40.0	64.5	71.0	96 200 c	95 000 b
42.0	62.8	70.0	87 800 b	86 700 b
44.0	61.1	68.9	80 300 b	79 300 b
46.0	59.4	67.7	73 600 b	72 600 b
48.0	57.6	66.5	67 500 b	66 600 b
50.0	55.8	65.1	61 900 b	61 100 b
52.0	53.9	63.7	56 800 b	56 100 b
54.0	52.0	62.1	52 200 b	51 400 b
56.0	50.1	60.5	47 900 b	47 000 b
58.0	48.1	58.7	43 200 *b	42 400 *b
60.0	46.0	56.8	38 800 *b	38 000 *
62.0	43.8	54.7	34 700 *	34 000 *
64.0	41.6	52.5	30 900 *	30 200 *
66.0	39.2	50.1	27 400 *	26 700 *
68.0	36.8	47.5	24 000 *	
70.0	34.1	44.6	20 900 *	
72.0	31.3	41.4	17 900 *	
74.0	28.2	37.9	15 100 *	

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	253 500 c	250 900 c
24.0	78.5	84.5	231 000 c	228 500 b
26.0	77.1	84.1	200 600 c	198 400 b
28.0	75.7	83.6	177 200 c	175 300 b
30.0	74.2	83.0	157 900 c	156 100 b
32.0	72.8	82.4	141 500 c	139 900 b
34.0	71.4	81.7	127 500 c	126 000 b
36.0	69.9	81.0	115 300 b	113 900 b
38.0	68.5	80.2	104 700 b	103 400 b
40.0	67.0	79.4	95 300 b	94 100 b
42.0	65.5	78.5	87 000 b	85 800 b
44.0	64.0	77.5	79 500 b	78 500 b
46.0	62.4	76.5	72 800 b	71 800 b
48.0	60.8	75.4	66 700 b	65 800 b
50.0	59.3	74.2	61 200 b	60 300 b
52.0	57.6	72.9	56 100 b	55 300
54.0	56.0	71.6	51 500 b	50 700
56.0	54.3	70.2	47 200 b	46 300
58.0	52.6	68.7	42 600 *b	41 700 *
60.0	50.9	67.1	38 200 *	37 300 *
62.0	49.1	65.3	34 100 *	33 300 *
64.0	47.2	63.5	30 300 *	29 600 *
66.0	45.3	61.6	26 800 *	26 100 *
68.0	43.3	59.5	23 500 *	22 800 *
70.0	41.3	57.2	20 400 *	19 700 *
72.0	39.1	54.8	17 400 *	16 800 *
74.0	36.9	52.2	14 700 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	199 500 c	197 400 b
28.0	76.9	91.4	176 100 c	174 200 b
30.0	75.6	90.9	156 700 c	154 900 b
32.0	74.3	90.4	140 300 c	138 700 b
34.0	73.0	89.8	126 300 c	124 700 b
36.0	71.7	89.1	114 100 c	112 700 b
38.0	70.3	88.4	103 500 c	102 100 b
40.0	69.0	87.6	94 100 b	92 800 b
42.0	67.6	86.8	85 700 b	84 500 b
44.0	66.3	85.9	78 200 b	77 100 b
46.0	64.9	85.0	71 500 b	70 500 b
48.0	63.5	84.0	65 400 b	64 500 b
50.0	62.1	83.0	59 900 b	59 000 b
52.0	60.6	81.9	54 800 b	54 000 b
54.0	59.2	80.7	50 200 b	49 400 b
56.0	57.7	79.4	45 700 b	44 800 b
58.0	56.2	78.1	41 000 *b	40 100 *b
60.0	54.7	76.7	36 600 *b	35 700 *b
62.0	53.1	75.2	32 600 *b	31 700 *
64.0	51.5	73.6	28 800 *b	27 900 *
66.0	49.9	72.0	25 200 *b	24 400 *
68.0	48.2	70.2	21 900 *	21 100 *
70.0	46.5	68.3	18 800 *	18 100 *
72.0	44.7	66.3	15 800 *	15 200 *

24.4m (80 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	177 200 c	171 800 c
30.0	76.7	98.8	155 600 c	154 100 c
32.0	75.5	98.3	139 200 c	137 600 c
34.0	74.3	97.7	125 200 c	123 600 b
36.0	73.1	97.1	113 000 c	111 500 b
38.0	71.9	96.5	102 300 c	101 000 b
40.0	70.7	95.8	92 900 c	91 700 b
42.0	69.4	95.0	84 500 c	83 300 b
44.0	68.2	94.2	77 100 c	76 000 b
46.0	66.9	93.4	70 400 b	69 300 b
48.0	65.7	92.5	64 200 b	63 200 b
50.0	64.4	91.5	58 700 b	57 800 b
52.0	63.1	90.5	53 700 b	52 800 b
54.0	61.8	89.5	49 000 b	48 100 b
56.0	60.5	88.4	44 400 b	43 400 *b
58.0	59.1	87.2	39 600 *b	38 600 *b
60.0	57.8	85.9	35 200 *b	34 300 *b
62.0	56.4	84.6	31 200 *b	30 200 *b
64.0	55.0	83.2	27 300 *b	26 500 *b
66.0	53.5	81.7	23 800 *b	23 000 *b
68.0	52.1	80.2	20 400 *b	19 600 *
70.0	50.6	78.6	17 300 *b	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

393 310 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	451 300 c	447 500 b
18.0	73.6	38.9	373 900 b	369 500 b
20.0	70.4	38.2	311 000 b	307 500 b
22.0	67.2	37.4	265 100 b	262 200
24.0	63.8	36.4	229 600 b	227 000
26.0	60.4	35.3	201 200	199 000
28.0	56.8	34.0	178 000	176 100
30.0	53.1	32.5	158 700	157 000
32.0	49.1	30.9	142 300	140 900
34.0	44.9	28.9	128 300	127 000
36.0	40.4	26.6	116 100	115 000
38.0	35.4	24.0	105 400	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	473 100 *c	469 900 *b
16.0	79.0	47.3	447 600 c	443 500 b
18.0	76.4	46.8	374 200 b	369 800 b
20.0	73.8	46.2	311 100 b	307 500 b
22.0	71.2	45.6	265 300 b	262 200 b
24.0	68.5	44.8	229 800 b	227 100 b
26.0	65.7	43.9	201 500 b	199 100
28.0	62.9	42.9	178 200 b	176 100
30.0	60.0	41.8	158 900	157 100
32.0	57.1	40.5	142 600	141 000
34.0	54.0	39.1	128 600	127 100
36.0	50.8	37.5	116 500	115 200
38.0	47.4	35.7	105 800	104 700
40.0	43.8	33.6	96 400	95 500
42.0	40.0	31.3	88 100	87 200
44.0	35.8	28.7	80 600	
46.0	31.2	25.5	73 800	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	422 400 c	417 500 b
18.0	78.4	54.6	374 000 c	369 700 b
20.0	76.2	54.2	311 400 c	307 700 b
22.0	73.9	53.6	265 400 b	262 200 b
24.0	71.7	52.9	229 900 b	227 100 b
26.0	69.4	52.2	201 500 b	199 000 b
28.0	67.1	51.4	178 200 b	176 000 b
30.0	64.7	50.4	158 800 b	156 900
32.0	62.3	49.4	142 500 b	140 700
34.0	59.8	48.3	128 500 b	126 900
36.0	57.3	47.0	116 300	114 900
38.0	54.6	45.6	105 700	104 400
40.0	51.9	44.0	96 200	95 100
42.0	49.1	42.3	87 900	86 900
44.0	46.1	40.5	80 400	79 500
46.0	43.0	38.4	73 700	72 900
48.0	39.7	36.0	67 600	66 800
50.0	36.2	33.4	62 000	
52.0	32.3	30.4	56 900	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	371 100 c	366 400 b
20.0	77.9	62.0	310 900 c	307 100 b
22.0	76.0	61.5	264 900 c	261 600 b
24.0	74.0	61.0	229 300 b	226 500 b
26.0	72.1	60.3	200 900 b	198 400 b
28.0	70.1	59.6	177 600 b	175 400 b
30.0	68.1	58.8	158 300 b	156 200 b
32.0	66.0	57.9	142 000 b	140 100 b
34.0	63.9	57.0	127 900 b	126 200 b
36.0	61.8	55.9	115 700 b	114 200 b
38.0	59.6	54.7	105 100 b	103 700
40.0	57.4	53.5	95 700 b	94 400
42.0	55.1	52.1	87 400	86 200
44.0	52.8	50.6	79 900	78 800
46.0	50.3	49.0	73 200	72 200
48.0	47.8	47.2	67 100	66 200
50.0	45.2	45.2	61 500	60 700
52.0	42.4	43.1	56 500	55 700
54.0	39.5	40.7	51 800	51 100
56.0	36.4	38.1	47 200	
58.0	33.1	35.1	42 400 *	
60.0	29.3	31.7	38 000 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	311 600 c	307 900 b
22.0	77.6	69.4	264 600 c	261 300 b
24.0	75.9	68.9	229 000 c	226 100 b
26.0	74.1	68.3	200 500 c	197 900 b
28.0	72.4	67.7	177 200 c	174 900 b
30.0	70.6	67.0	157 800 b	155 700 b
32.0	68.8	66.2	141 400 b	139 500 b
34.0	67.0	65.4	127 400 b	125 600 b
36.0	65.2	64.5	115 200 b	113 600 b
38.0	63.3	63.5	104 500 b	103 000 b
40.0	61.4	62.4	95 100 b	93 800 b
42.0	59.5	61.2	86 800 b	85 500
44.0	57.5	60.0	79 300 b	78 100
46.0	55.5	58.6	72 600 b	71 500
48.0	53.4	57.1	66 400	65 500
50.0	51.3	55.6	60 900	59 900
52.0	49.1	53.8	55 800	55 000
54.0	46.8	52.0	51 200	50 300
56.0	44.4	50.0	46 500	45 500 *
58.0	42.0	47.8	41 700 *	40 800 *
60.0	39.4	45.4	37 300 *	36 500 *
62.0	36.6	42.8	33 200 *	
64.0	33.7	39.9	29 400 *	
66.0	30.4	36.6	25 800 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	294 000 c	287 700 c
22.0	78.8	77.2	265 900 c	263 000 b
24.0	77.3	76.7	228 000 c	225 100 b
26.0	75.8	76.2	199 500 c	196 900 b
28.0	74.2	75.7	176 200 c	173 800 b
30.0	72.6	75.0	156 800 c	154 600 b
32.0	71.0	74.4	140 400 b	138 500 b
34.0	69.4	73.6	126 300 b	124 500 b
36.0	67.8	72.8	114 100 b	112 500 b
38.0	66.2	71.9	103 500 b	102 000 b
40.0	64.5	71.0	94 100 b	92 700 b
42.0	62.8	70.0	85 700 b	84 400 b
44.0	61.1	68.9	78 300 b	77 000 b
46.0	59.4	67.7	71 500 b	70 400
48.0	57.6	66.5	65 400 b	64 400
50.0	55.8	65.1	59 900 b	58 900
52.0	53.9	63.7	54 800 b	53 900
54.0	52.0	62.1	50 100	49 200
56.0	50.1	60.5	45 400 *	44 200 *
58.0	48.1	58.7	40 600 *	39 500 *
60.0	46.0	56.8	36 200 *	35 200 *
62.0	43.8	54.7	32 100 *	31 200 *
64.0	41.6	52.5	28 300 *	27 500 *
66.0	39.2	50.1	24 800 *	24 000 *
68.0	36.8	47.5	21 400 *	
70.0	34.1	44.6	18 300 *	
72.0	31.3	41.4	15 300 *	

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	252 300 c	249 600 b
24.0	78.5	84.5	228 400 c	225 400 b
26.0	77.1	84.1	198 300 c	195 600 b
28.0	75.7	83.6	175 000 b	172 700 b
30.0	74.2	83.0	155 700 b	153 600 b
32.0	72.8	82.4	139 400 b	137 400 b
34.0	71.4	81.7	125 400 b	123 500 b
36.0	69.9	81.0	113 200 b	111 500 b
38.0	68.5	80.2	102 600 b	101 100
40.0	67.0	79.4	93 300 b	91 800
42.0	65.5	78.5	84 900 b	83 600
44.0	64.0	77.5	77 500 b	76 200
46.0	62.4	76.5	70 800 b	69 600
48.0	60.8	75.4	64 700 b	63 600
50.0	59.3	74.2	59 200	58 200
52.0	57.6	72.9	54 200	53 200
54.0	56.0	71.6	49 500	48 500
56.0	54.3	70.2	44 800 *	43 600 *
58.0	52.6	68.7	40 000 *	38 900 *
60.0	50.9	67.1	35 600 *	34 600 *
62.0	49.1	65.3	31 600 *	30 600 *
64.0	47.2	63.5	27 800 *	26 900 *
66.0	45.3	61.6	24 300 *	23 400 *
68.0	43.3	59.5	21 000 *	20 200 *
70.0	41.3	57.2	17 900 *	17 200 *



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

30.5m (100 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	197 300 c	194 700 b
28.0	76.9	91.4	173 900 c	171 500 b
30.0	75.6	90.9	154 600 b	152 400 b
32.0	74.3	90.4	138 200 b	136 200 b
34.0	73.0	89.8	124 200 b	122 400 b
36.0	71.7	89.1	112 000 b	110 300 b
38.0	70.3	88.4	101 500 b	99 900 b
40.0	69.0	87.6	92 100 b	90 600 b
42.0	67.6	86.8	83 700 b	82 400 b
44.0	66.3	85.9	76 300 b	75 000 b
46.0	64.9	85.0	69 600 b	68 400 b
48.0	63.5	84.0	63 500 b	62 300 b
50.0	62.1	83.0	58 000 b	56 900
52.0	60.6	81.9	52 900 b	51 900
54.0	59.2	80.7	48 200 b	47 100
56.0	57.7	79.4	43 300 *	42 100 *
58.0	56.2	78.1	38 500 *	37 400 *
60.0	54.7	76.7	34 200 *	33 100 *
62.0	53.1	75.2	30 100 *	29 100 *
64.0	51.5	73.6	26 300 *	25 300 *
66.0	49.9	72.0	22 800 *	21 800 *
68.0	48.2	70.2	19 500 *	18 600 *
70.0	46.5	68.3	16 300 *	15 500 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	447 900 b	443 300 b
18.0	73.6	38.9	370 100 b	364 800
20.0	70.4	38.2	307 300 b	303 100
22.0	67.2	37.4	261 500 b	257 900
24.0	63.8	36.4	225 900	222 900
26.0	60.4	35.3	197 600	194 900
28.0	56.8	34.0	174 300	172 000
30.0	53.1	32.5	155 000	153 000
32.0	49.1	30.9	138 700	137 000
34.0	44.9	28.9	124 600	123 100
36.0	40.4	26.6	112 400	111 200
38.0	35.4	24.0	101 700	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	470 100 *c	466 200 *b
16.0	79.0	47.3	444 300 c	439 400 b
18.0	76.4	46.8	370 800 b	365 400 b
20.0	73.8	46.2	307 700 b	303 400 b
22.0	71.2	45.6	261 900 b	258 100
24.0	68.5	44.8	226 400 b	223 200
26.0	65.7	43.9	198 100	195 300
28.0	62.9	42.9	174 900	172 400
30.0	60.0	41.8	155 600	153 400
32.0	57.1	40.5	139 300	137 300
34.0	54.0	39.1	125 300	123 600
36.0	50.8	37.5	113 200	111 600
38.0	47.4	35.7	102 600	101 200
40.0	43.8	33.6	93 200	92 000
42.0	40.0	31.3	84 800	83 800
44.0	35.8	28.7	77 300	
46.0	31.2	25.5	70 600	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	419 200 c	413 200 b
18.0	78.4	54.6	370 900 c	365 500 b
20.0	76.2	54.2	308 200 b	303 800 b
22.0	73.9	53.6	262 300 b	258 500 b
24.0	71.7	52.9	226 800 b	223 400
26.0	69.4	52.2	198 400 b	195 400
28.0	67.1	51.4	175 100 b	172 500
30.0	64.7	50.4	155 800	153 400
32.0	62.3	49.4	139 500	137 300
34.0	59.8	48.3	125 400	123 500
36.0	57.3	47.0	113 300	111 500
38.0	54.6	45.6	102 600	101 100
40.0	51.9	44.0	93 300	91 800
42.0	49.1	42.3	84 900	83 600
44.0	46.1	40.5	77 400	76 300
46.0	43.0	38.4	70 700	69 700
48.0	39.7	36.0	64 600	63 700
50.0	36.2	33.4	59 000	
52.0	32.3	30.4	53 900	



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	368 200 c	362 600 b
20.0	77.9	62.0	308 000 c	303 400 b
22.0	76.0	61.5	262 000 b	258 100 b
24.0	74.0	61.0	226 400 b	223 000 b
26.0	72.1	60.3	198 000 b	195 000 b
28.0	70.1	59.6	174 800 b	172 000 b
30.0	68.1	58.8	155 400 b	153 000
32.0	66.0	57.9	139 100 b	136 900
34.0	63.9	57.0	125 000 b	123 000
36.0	61.8	55.9	112 900	111 000
38.0	59.6	54.7	102 300	100 600
40.0	57.4	53.5	92 900	91 400
42.0	55.1	52.1	84 500	83 200
44.0	52.8	50.6	77 100	75 800
46.0	50.3	49.0	70 400	69 200
48.0	47.8	47.2	64 300	63 200
50.0	45.2	45.2	58 700	57 800
52.0	42.4	43.1	53 600	52 800
54.0	39.5	40.7	48 500 *	47 400 *
56.0	36.4	38.1	43 400 *	
58.0	33.1	35.1	38 700 *	
60.0	29.3	31.7	34 300 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	308 800 c	304 300 b
22.0	77.6	69.4	261 900 c	257 900 b
24.0	75.9	68.9	226 300 b	222 800 b
26.0	74.1	68.3	197 800 b	194 700 b
28.0	72.4	67.7	174 500 b	171 700 b
30.0	70.6	67.0	155 100 b	152 600 b
32.0	68.8	66.2	138 700 b	136 400 b
34.0	67.0	65.4	124 700 b	122 600
36.0	65.2	64.5	112 500 b	110 600
38.0	63.3	63.5	101 900 b	100 100
40.0	61.4	62.4	92 500 b	90 800
42.0	59.5	61.2	84 100	82 600
44.0	57.5	60.0	76 700	75 200
46.0	55.5	58.6	69 900	68 600
48.0	53.4	57.1	63 800	62 600
50.0	51.3	55.6	58 300	57 100
52.0	49.1	53.8	53 200	52 100
54.0	46.8	52.0	48 100 *	46 800 *
56.0	44.4	50.0	42 900 *	41 700 *
58.0	42.0	47.8	38 200 *	37 100 *
60.0	39.4	45.4	33 800 *	32 800 *
62.0	36.6	42.8	29 700 *	
64.0	33.7	39.9	25 900 *	
66.0	30.4	36.6	22 400 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	291 600 c	284 600 b
22.0	78.8	77.2	263 200 c	259 600 b
24.0	77.3	76.7	225 300 c	221 800 b
26.0	75.8	76.2	196 900 c	193 700 b
28.0	74.2	75.7	173 600 b	170 700 b
30.0	72.6	75.0	154 200 b	151 600 b
32.0	71.0	74.4	137 800 b	135 500 b
34.0	69.4	73.6	123 800 b	121 600 b
36.0	67.8	72.8	111 600 b	109 600 b
38.0	66.2	71.9	101 000 b	99 100
40.0	64.5	71.0	91 500 b	89 800
42.0	62.8	70.0	83 200 b	81 600
44.0	61.1	68.9	75 700 b	74 200
46.0	59.4	67.7	69 000	67 600
48.0	57.6	66.5	62 900	61 600
50.0	55.8	65.1	57 400	56 200
52.0	53.9	63.7	52 300	51 100
54.0	52.0	62.1	47 100 *	45 700 *
56.0	50.1	60.5	41 900 *	40 600 *
58.0	48.1	58.7	37 200 *	36 000 *
60.0	46.0	56.8	32 800 *	31 700 *
62.0	43.8	54.7	28 800 *	27 700 *
64.0	41.6	52.5	25 000 *	24 000 *
66.0	39.2	50.1	21 400 *	20 500 *
68.0	36.8	47.5	18 100 *	
70.0	34.1	44.6	14 900 *	

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	250 700 c	247 900 b
24.0	78.5	84.5	225 700 b	221 900 b
26.0	77.1	84.1	195 700 b	192 600 b
28.0	75.7	83.6	172 500 b	169 600 b
30.0	74.2	83.0	153 100 b	150 600 b
32.0	72.8	82.4	136 900 b	134 500
34.0	71.4	81.7	122 800 b	120 600
36.0	69.9	81.0	110 700 b	108 700
38.0	68.5	80.2	100 100 b	98 300
40.0	67.0	79.4	90 800 b	89 100
42.0	65.5	78.5	82 500	80 800
44.0	64.0	77.5	75 000	73 500
46.0	62.4	76.5	68 400	66 900
48.0	60.8	75.4	62 300	60 900
50.0	59.3	74.2	56 800	55 500
52.0	57.6	72.9	51 700	50 500
54.0	56.0	71.6	46 600 *	45 100 *
56.0	54.3	70.2	41 400 *	40 100 *
58.0	52.6	68.7	36 700 *	35 500 *
60.0	50.9	67.1	32 400 *	31 200 *
62.0	49.1	65.3	28 300 *	27 200 *
64.0	47.2	63.5	24 500 *	23 500 *
66.0	45.3	61.6	21 100 *	20 000 *
68.0	43.3	59.5	17 700 *	16 800 *
70.0	41.3	57.2	14 700 *	13 800 *



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

36.6m (120 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	194 800 b	191 700 b
28.0	76.9	91.4	171 500 b	168 600 b
30.0	75.6	90.9	152 100 b	149 500 b
32.0	74.3	90.4	135 800 b	133 400 b
34.0	73.0	89.8	121 800 b	119 600 b
36.0	71.7	89.1	109 700 b	107 600
38.0	70.3	88.4	99 100 b	97 100
40.0	69.0	87.6	89 700 b	87 900
42.0	67.6	86.8	81 400 b	79 700
44.0	66.3	85.9	73 900 b	72 300
46.0	64.9	85.0	67 200 b	65 700
48.0	63.5	84.0	61 100	59 800
50.0	62.1	83.0	55 600	54 300
52.0	60.6	81.9	50 500	49 200 *
54.0	59.2	80.7	45 300 *	43 700 *
56.0	57.7	79.4	40 100 *	38 700 *
58.0	56.2	78.1	35 400 *	34 000 *
60.0	54.7	76.7	31 000 *	29 700 *
62.0	53.1	75.2	27 000 *	25 700 *
64.0	51.5	73.6	23 200 *	22 000 *
66.0	49.9	72.0	19 600 *	18 500 *
68.0	48.2	70.2	16 300 *	15 300 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	444 600 b	439 200
18.0	73.6	38.9	366 200 b	360 000
20.0	70.4	38.2	303 700	298 700
22.0	67.2	37.4	257 900	253 700
24.0	63.8	36.4	222 400	218 800
26.0	60.4	35.3	194 200	191 000
28.0	56.8	34.0	171 000	168 300
30.0	53.1	32.5	151 700	149 300
32.0	49.1	30.9	135 400	133 400
34.0	44.9	28.9	121 300	119 700
36.0	40.4	26.6	109 200	107 800
38.0	35.4	24.0	98 600	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	467 300 *b	462 700 *b
16.0	79.0	47.3	441 100 b	435 300 b
18.0	76.4	46.8	367 100 b	360 700
20.0	73.8	46.2	304 300 b	299 200
22.0	71.2	45.6	258 600	254 200
24.0	68.5	44.8	223 200	219 400
26.0	65.7	43.9	194 900	191 600
28.0	62.9	42.9	171 800	168 900
30.0	60.0	41.8	152 500	150 000
32.0	57.1	40.5	136 300	134 000
34.0	54.0	39.1	122 300	120 300
36.0	50.8	37.5	110 200	108 400
38.0	47.4	35.7	99 600	98 100
40.0	43.8	33.6	90 300	88 900
42.0	40.0	31.3	82 000	80 800
44.0	35.8	28.7	74 500	
46.0	31.2	25.5	67 800	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	415 700 b	408 700 b
18.0	78.4	54.6	367 500 b	361 300 b
20.0	76.2	54.2	305 100 b	299 800
22.0	73.9	53.6	259 200 b	254 700
24.0	71.7	52.9	223 800 b	219 800
26.0	69.4	52.2	195 400	192 000
28.0	67.1	51.4	172 200	169 200
30.0	64.7	50.4	152 900	150 200
32.0	62.3	49.4	136 600	134 200
34.0	59.8	48.3	122 600	120 400
36.0	57.3	47.0	110 500	108 500
38.0	54.6	45.6	100 000	98 100
40.0	51.9	44.0	90 600	88 900
42.0	49.1	42.3	82 200	80 800
44.0	46.1	40.5	74 800	73 500
46.0	43.0	38.4	68 100	66 900
48.0	39.7	36.0	62 000	61 000
50.0	36.2	33.4	56 500	
52.0	32.3	30.4	50 800 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	365 100 b	358 700 b
20.0	77.9	62.0	304 900 b	299 600 b
22.0	76.0	61.5	259 100 b	254 500
24.0	74.0	61.0	223 600 b	219 600
26.0	72.1	60.3	195 300 b	191 700
28.0	70.1	59.6	172 100 b	168 900
30.0	68.1	58.8	152 800	149 900
32.0	66.0	57.9	136 500	133 900
34.0	63.9	57.0	122 500	120 100
36.0	61.8	55.9	110 400	108 200
38.0	59.6	54.7	99 800	97 800
40.0	57.4	53.5	90 400	88 600
42.0	55.1	52.1	82 100	80 500
44.0	52.8	50.6	74 700	73 200
46.0	50.3	49.0	68 000	66 600
48.0	47.8	47.2	61 900	60 600
50.0	45.2	45.2	56 400	55 200
52.0	42.4	43.1	50 900 *	49 500 *
54.0	39.5	40.7	45 300 *	44 100 *
56.0	36.4	38.1	40 300 *	
58.0	33.1	35.1	35 500 *	
60.0	29.3	31.7	31 200 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	306 000 b	300 700 b
22.0	77.6	69.4	259 200 b	254 500 b
24.0	75.9	68.9	223 600 b	219 500 b
26.0	74.1	68.3	195 300 b	191 600
28.0	72.4	67.7	172 000 b	168 700
30.0	70.6	67.0	152 600 b	149 700
32.0	68.8	66.2	136 300 b	133 600
34.0	67.0	65.4	122 300	119 800
36.0	65.2	64.5	110 100	107 900
38.0	63.3	63.5	99 500	97 500
40.0	61.4	62.4	90 200	88 200
42.0	59.5	61.2	81 800	80 000
44.0	57.5	60.0	74 400	72 700
46.0	55.5	58.6	67 600	66 100
48.0	53.4	57.1	61 500	60 200
50.0	51.3	55.6	56 000	54 700
52.0	49.1	53.8	50 600 *	49 000 *
54.0	46.8	52.0	45 100 *	43 600 *
56.0	44.4	50.0	40 000 *	38 600 *
58.0	42.0	47.8	35 300 *	34 000 *
60.0	39.4	45.4	30 900 *	29 800 *
62.0	36.6	42.8	26 800 *	
64.0	33.7	39.9	23 100 *	
66.0	30.4	36.6	19 500 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	289 000 c	281 100 b
22.0	78.8	77.2	260 600 c	256 200 b
24.0	77.3	76.7	222 800 b	218 600 b
26.0	75.8	76.2	194 400 b	190 700 b
28.0	74.2	75.7	171 100 b	167 800 b
30.0	72.6	75.0	151 800 b	148 800
32.0	71.0	74.4	135 400 b	132 700
34.0	69.4	73.6	121 400 b	118 900
36.0	67.8	72.8	109 300 b	107 000
38.0	66.2	71.9	98 600	96 500
40.0	64.5	71.0	89 300	87 300
42.0	62.8	70.0	81 000	79 100
44.0	61.1	68.9	73 500	71 800
46.0	59.4	67.7	66 800	65 200
48.0	57.6	66.5	60 700	59 200
50.0	55.8	65.1	55 200	53 800
52.0	53.9	63.7	49 800 *	48 000 *
54.0	52.0	62.1	44 200 *	42 600 *
56.0	50.1	60.5	39 100 *	37 600 *
58.0	48.1	58.7	34 400 *	33 000 *
60.0	46.0	56.8	30 000 *	28 700 *
62.0	43.8	54.7	26 000 *	24 800 *
64.0	41.6	52.5	22 200 *	21 100 *
66.0	39.2	50.1	18 600 *	17 600 *
68.0	36.8	47.5	15 300 *	

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	249 400 b	246 400 b
24.0	78.5	84.5	222 900 b	218 500
26.0	77.1	84.1	193 200 b	189 500
28.0	75.7	83.6	170 100 b	166 700
30.0	74.2	83.0	150 800 b	147 800
32.0	72.8	82.4	134 600 b	131 700
34.0	71.4	81.7	120 600	118 000
36.0	69.9	81.0	108 500	106 100
38.0	68.5	80.2	97 900	95 700
40.0	67.0	79.4	88 600	86 600
42.0	65.5	78.5	80 300	78 400
44.0	64.0	77.5	72 900	71 100
46.0	62.4	76.5	66 200	64 600
48.0	60.8	75.4	60 200	58 600
50.0	59.3	74.2	54 700	53 200
52.0	57.6	72.9	49 300 *	47 500 *
54.0	56.0	71.6	43 800 *	42 100 *
56.0	54.3	70.2	38 700 *	37 100 *
58.0	52.6	68.7	34 000 *	32 500 *
60.0	50.9	67.1	29 700 *	28 300 *
62.0	49.1	65.3	25 700 *	24 300 *
64.0	47.2	63.5	21 900 *	20 600 *
66.0	45.3	61.6	18 400 *	17 200 *
68.0	43.3	59.5	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

42.7m (140 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	192 500 b	188 800
28.0	76.9	91.4	169 200 b	165 800
30.0	75.6	90.9	149 900 b	146 800
32.0	74.3	90.4	133 600 b	130 800
34.0	73.0	89.8	119 600 b	117 000
36.0	71.7	89.1	107 500 b	105 100
38.0	70.3	88.4	96 900	94 700
40.0	69.0	87.6	87 600	85 500
42.0	67.6	86.8	79 300	77 300
44.0	66.3	85.9	71 900	70 000
46.0	64.9	85.0	65 100	63 400
48.0	63.5	84.0	59 100	57 500
50.0	62.1	83.0	53 600	52 100
52.0	60.6	81.9	48 200 *	46 200 *
54.0	59.2	80.7	42 600 *	40 800 *
56.0	57.7	79.4	37 500 *	35 800 *
58.0	56.2	78.1	32 800 *	31 200 *
60.0	54.7	76.7	28 400 *	26 900 *
62.0	53.1	75.2	24 400 *	23 000 *
64.0	51.5	73.6	20 600 *	19 200 *
66.0	49.9	72.0	17 100 *	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

393 310 kg Auxiliary Counterweight

360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	441 100 b	434 800
18.0	73.6	38.9	362 000	354 700
20.0	70.4	38.2	299 700	293 800
22.0	67.2	37.4	254 000	249 100
24.0	63.8	36.4	218 700	214 400
26.0	60.4	35.3	190 400	186 800
28.0	56.8	34.0	167 300	164 100
30.0	53.1	32.5	148 100	145 300
32.0	49.1	30.9	131 800	129 400
34.0	44.9	28.9	117 800	115 800
36.0	40.4	26.6	105 700	104 100
38.0	35.4	24.0	95 100	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	464 300 *b	458 900 *
16.0	79.0	47.3	437 600 b	430 900
18.0	76.4	46.8	363 200 b	355 700
20.0	73.8	46.2	300 600	294 600
22.0	71.2	45.6	255 000	249 900
24.0	68.5	44.8	219 700	215 300
26.0	65.7	43.9	191 500	187 700
28.0	62.9	42.9	168 400	165 000
30.0	60.0	41.8	149 300	146 200
32.0	57.1	40.5	133 000	130 300
34.0	54.0	39.1	119 100	116 800
36.0	50.8	37.5	107 000	105 000
38.0	47.4	35.7	96 500	94 700
40.0	43.8	33.6	87 200	85 600
42.0	40.0	31.3	78 900	77 500
44.0	35.8	28.7	71 400	
46.0	31.2	25.5	64 700	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	412 000 b	403 800
18.0	78.4	54.6	363 900 b	356 600
20.0	76.2	54.2	301 600 b	295 500
22.0	73.9	53.6	255 900 b	250 600
24.0	71.7	52.9	220 500	215 900
26.0	69.4	52.2	192 300	188 200
28.0	67.1	51.4	169 200	165 600
30.0	64.7	50.4	149 900	146 700
32.0	62.3	49.4	133 700	130 700
34.0	59.8	48.3	119 700	117 100
36.0	57.3	47.0	107 600	105 300
38.0	54.6	45.6	97 100	94 900
40.0	51.9	44.0	87 700	85 800
42.0	49.1	42.3	79 400	77 700
44.0	46.1	40.5	72 000	70 500
46.0	43.0	38.4	65 300	63 900
48.0	39.7	36.0	59 200	57 900
50.0	36.2	33.4	53 200	
52.0	32.3	30.4	47 100 *	



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	361 900 b	354 400
20.0	77.9	62.0	301 800 b	295 500
22.0	76.0	61.5	256 000 b	250 600
24.0	74.0	61.0	220 600	215 900
26.0	72.1	60.3	192 400	188 200
28.0	70.1	59.6	169 200	165 500
30.0	68.1	58.8	150 000	146 600
32.0	66.0	57.9	133 700	130 700
34.0	63.9	57.0	119 800	117 000
36.0	61.8	55.9	107 600	105 100
38.0	59.6	54.7	97 100	94 800
40.0	57.4	53.5	87 800	85 700
42.0	55.1	52.1	79 400	77 500
44.0	52.8	50.6	72 000	70 300
46.0	50.3	49.0	65 400	63 800
48.0	47.8	47.2	59 300	57 800
50.0	45.2	45.2	53 400	51 700 *
52.0	42.4	43.1	47 400 *	45 800 *
54.0	39.5	40.7	41 900 *	40 500 *
56.0	36.4	38.1	36 900 *	
58.0	33.1	35.1	32 200 *	
60.0	29.3	31.7	27 800 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	303 000 b	296 800
22.0	77.6	69.4	256 300 b	250 900
24.0	75.9	68.9	220 800 b	216 000
26.0	74.1	68.3	192 500 b	188 200
28.0	72.4	67.7	169 300 b	165 500
30.0	70.6	67.0	150 000	146 500
32.0	68.8	66.2	133 700	130 500
34.0	67.0	65.4	119 700	116 800
36.0	65.2	64.5	107 600	104 900
38.0	63.3	63.5	97 000	94 600
40.0	61.4	62.4	87 600	85 400
42.0	59.5	61.2	79 300	77 300
44.0	57.5	60.0	71 900	70 000
46.0	55.5	58.6	65 200	63 400
48.0	53.4	57.1	59 100	57 500
50.0	51.3	55.6	53 300	51 400 *
52.0	49.1	53.8	47 400 *	45 500 *
54.0	46.8	52.0	41 900 *	40 100 *
56.0	44.4	50.0	36 800 *	35 200 *
58.0	42.0	47.8	32 100 *	30 600 *
60.0	39.4	45.4	27 700 *	26 500 *
62.0	36.6	42.8	23 700 *	
64.0	33.7	39.9	19 900 *	
66.0	30.4	36.6	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

393 310 kg Auxiliary Counterweight

360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	286 300 b	277 500 b
22.0	78.8	77.2	257 700 b	252 600 b
24.0	77.3	76.7	220 000 b	215 200
26.0	75.8	76.2	191 700 b	187 400
28.0	74.2	75.7	168 500 b	164 600
30.0	72.6	75.0	149 200 b	145 700
32.0	71.0	74.4	132 900 b	129 700
34.0	69.4	73.6	118 900 b	116 000
36.0	67.8	72.8	106 800	104 100
38.0	66.2	71.9	96 200	93 700
40.0	64.5	71.0	86 900	84 600
42.0	62.8	70.0	78 600	76 400
44.0	61.1	68.9	71 100	69 200
46.0	59.4	67.7	64 500	62 600
48.0	57.6	66.5	58 400	56 600
50.0	55.8	65.1	52 600	50 600 *
52.0	53.9	63.7	46 700 *	44 700 *
54.0	52.0	62.1	41 100 *	39 300 *
56.0	50.1	60.5	36 000 *	34 300 *
58.0	48.1	58.7	31 400 *	29 700 *
60.0	46.0	56.8	27 000 *	25 500 *
62.0	43.8	54.7	23 000 *	21 600 *
64.0	41.6	52.5	19 200 *	17 900 *
66.0	39.2	50.1	15 700 *	

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	248 000 b	242 900
24.0	78.5	84.5	220 000 b	215 000
26.0	77.1	84.1	190 600 b	186 300
28.0	75.7	83.6	167 500 b	163 600
30.0	74.2	83.0	148 300	144 800
32.0	72.8	82.4	132 100	128 800
34.0	71.4	81.7	118 100	115 200
36.0	69.9	81.0	106 100	103 400
38.0	68.5	80.2	95 600	93 000
40.0	67.0	79.4	86 300	83 900
42.0	65.5	78.5	78 000	75 800
44.0	64.0	77.5	70 600	68 600
46.0	62.4	76.5	63 900	62 000
48.0	60.8	75.4	57 900	56 100
50.0	59.3	74.2	52 300	50 200
52.0	57.6	72.9	46 300 *	44 200 *
54.0	56.0	71.6	40 800 *	38 900 *
56.0	54.3	70.2	35 800 *	33 900 *
58.0	52.6	68.7	31 100 *	29 400 *
60.0	50.9	67.1	26 800 *	25 100 *
62.0	49.1	65.3	22 700 *	21 200 *
64.0	47.2	63.5	19 000 *	17 600 *
66.0	45.3	61.6	15 500 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

48.8m (160 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	189 900 b	185 600
28.0	76.9	91.4	166 700 b	162 700
30.0	75.6	90.9	147 500	143 800
32.0	74.3	90.4	131 200	127 900
34.0	73.0	89.8	117 300	114 200
36.0	71.7	89.1	105 200	102 400
38.0	70.3	88.4	94 600	92 000
40.0	69.0	87.6	85 300	82 900
42.0	67.6	86.8	77 000	74 800
44.0	66.3	85.9	69 600	67 500
46.0	64.9	85.0	63 000	61 000
48.0	63.5	84.0	56 900	55 000
50.0	62.1	83.0	51 200	49 000 *
52.0	60.6	81.9	45 300 *	43 100 *
54.0	59.2	80.7	39 700 *	37 700 *
56.0	57.7	79.4	34 700 *	32 700 *
58.0	56.2	78.1	30 000 *	28 100 *
60.0	54.7	76.7	25 600 *	23 900 *
62.0	53.1	75.2	21 600 *	19 900 *
64.0	51.5	73.6	17 800 *	16 300 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	436 800	429 500
18.0	73.6	38.9	357 100	348 700
20.0	70.4	38.2	295 000	288 200
22.0	67.2	37.4	249 500	243 700
24.0	63.8	36.4	214 200	209 300
26.0	60.4	35.3	186 100	181 900
28.0	56.8	34.0	163 000	159 400
30.0	53.1	32.5	143 800	140 700
32.0	49.1	30.9	127 600	124 900
34.0	44.9	28.9	113 600	111 400
36.0	40.4	26.6	101 600	99 700
38.0	35.4	24.0	91 000	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	460 700 *b	454 400 *
16.0	79.0	47.3	433 500 b	425 700
18.0	76.4	46.8	358 700	350 000
20.0	73.8	46.2	296 300	289 300
22.0	71.2	45.6	250 800	244 900
24.0	68.5	44.8	215 600	210 500
26.0	65.7	43.9	187 500	183 100
28.0	62.9	42.9	164 500	160 600
30.0	60.0	41.8	145 300	141 900
32.0	57.1	40.5	129 200	126 100
34.0	54.0	39.1	115 300	112 600
36.0	50.8	37.5	103 300	100 900
38.0	47.4	35.7	92 700	90 700
40.0	43.8	33.6	83 500	81 700
42.0	40.0	31.3	75 200	73 700
44.0	35.8	28.7	67 800	
46.0	31.2	25.5	61 100	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	407 700 b	398 200
18.0	78.4	54.6	359 700	351 300
20.0	76.2	54.2	297 600	290 500
22.0	73.9	53.6	252 000	245 900
24.0	71.7	52.9	216 700	211 400
26.0	69.4	52.2	188 600	183 900
28.0	67.1	51.4	165 500	161 300
30.0	64.7	50.4	146 300	142 600
32.0	62.3	49.4	130 100	126 800
34.0	59.8	48.3	116 200	113 200
36.0	57.3	47.0	104 100	101 400
38.0	54.6	45.6	93 600	91 200
40.0	51.9	44.0	84 300	82 100
42.0	49.1	42.3	76 000	74 100
44.0	46.1	40.5	68 600	66 900
46.0	43.0	38.4	61 900	60 300
48.0	39.7	36.0	55 300 *	53 500 *
50.0	36.2	33.4	48 700 *	
52.0	32.3	30.4	42 700 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	358 000 b	349 400
20.0	77.9	62.0	298 000 b	290 700
22.0	76.0	61.5	252 300	246 100
24.0	74.0	61.0	217 000	211 600
26.0	72.1	60.3	188 800	184 000
28.0	70.1	59.6	165 800	161 500
30.0	68.1	58.8	146 500	142 700
32.0	66.0	57.9	130 300	126 800
34.0	63.9	57.0	116 500	113 300
36.0	61.8	55.9	104 400	101 500
38.0	59.6	54.7	93 800	91 200
40.0	57.4	53.5	84 600	82 100
42.0	55.1	52.1	76 300	74 100
44.0	52.8	50.6	68 900	66 900
46.0	50.3	49.0	62 200	60 300
48.0	47.8	47.2	55 900	53 600 *
50.0	45.2	45.2	49 300 *	47 300 *
52.0	42.4	43.1	43 300 *	41 500 *
54.0	39.5	40.7	37 800 *	36 300 *
56.0	45.2	38.1	32 800 *	
58.0	42.4	35.1	28 100 *	
60.0	39.5	31.7	23 800 *	

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	299 400 b	292 200
22.0	77.6	69.4	252 800 b	246 500
24.0	75.9	68.9	217 400	211 900
26.0	74.1	68.3	189 200	184 300
28.0	72.4	67.7	166 100	161 600
30.0	70.6	67.0	146 800	142 800
32.0	68.8	66.2	130 500	126 900
34.0	67.0	65.4	116 600	113 300
36.0	65.2	64.5	104 500	101 500
38.0	63.3	63.5	93 900	91 200
40.0	61.4	62.4	84 600	82 100
42.0	59.5	61.2	76 300	73 900
44.0	57.5	60.0	68 900	66 700
46.0	55.5	58.6	62 200	60 200
48.0	53.4	57.1	56 000	53 600 *
50.0	51.3	55.6	49 500 *	47 200 *
52.0	49.1	53.8	43 500 *	41 400 *
54.0	46.8	52.0	38 000 *	36 000 *
56.0	44.4	50.0	32 900 *	31 200 *
58.0	42.0	47.8	28 200 *	26 700 *
60.0	39.4	45.4	23 900 *	22 500 *
62.0	36.6	42.8	19 900 *	
64.0	33.7	39.9	16 100 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	282 900 b	273 000
22.0	78.8	77.2	254 300 b	248 300
24.0	77.3	76.7	216 700 b	211 100
26.0	75.8	76.2	188 500 b	183 500
28.0	74.2	75.7	165 300	160 900
30.0	72.6	75.0	146 100	142 100
32.0	71.0	74.4	129 900	126 200
34.0	69.4	73.6	115 900	112 500
36.0	67.8	72.8	103 800	100 700
38.0	66.2	71.9	93 300	90 400
40.0	64.5	71.0	84 000	81 300
42.0	62.8	70.0	75 700	73 200
44.0	61.1	68.9	68 300	66 000
46.0	59.4	67.7	61 600	59 500
48.0	57.6	66.5	55 400	53 000 *
50.0	55.8	65.1	49 000 *	46 500 *
52.0	53.9	63.7	42 900 *	40 600 *
54.0	52.0	62.1	37 400 *	35 300 *
56.0	50.1	60.5	32 300 *	30 400 *
58.0	48.1	58.7	27 600 *	25 800 *
60.0	46.0	56.8	23 300 *	21 700 *
62.0	43.8	54.7	19 300 *	17 800 *
64.0	41.6	52.5	15 600 *	14 200 *

54.9m (180 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	245 000 b	238 300
24.0	78.5	84.5	216 700	211 100
26.0	77.1	84.1	187 500	182 400
28.0	75.7	83.6	164 400	159 900
30.0	74.2	83.0	145 300	141 200
32.0	72.8	82.4	129 100	125 400
34.0	71.4	81.7	115 200	111 800
36.0	69.9	81.0	103 200	100 000
38.0	68.5	80.2	92 700	89 800
40.0	67.0	79.4	83 400	80 700
42.0	65.5	78.5	75 200	72 700
44.0	64.0	77.5	67 800	65 500
46.0	62.4	76.5	61 200	59 000
48.0	60.8	75.4	55 000	52 600 *
50.0	59.3	74.2	48 700 *	46 100 *
52.0	57.6	72.9	42 700 *	40 300 *
54.0	56.0	71.6	37 200 *	35 000 *
56.0	54.3	70.2	32 200 *	30 100 *
58.0	52.6	68.7	27 500 *	25 600 *
60.0	50.9	67.1	23 200 *	21 400 *
62.0	49.1	65.3	19 200 *	17 500 *
64.0	47.2	63.5	15 500 *	13 900 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	433 400	425 000
18.0	73.6	38.9	353 000	343 200
20.0	70.4	38.2	291 000	283 300
22.0	67.2	37.4	245 500	239 000
24.0	63.8	36.4	210 300	204 700
26.0	60.4	35.3	182 200	177 400
28.0	56.8	34.0	159 200	155 000
30.0	53.1	32.5	140 000	136 400
32.0	49.1	30.9	123 800	120 700
34.0	44.9	28.9	109 900	107 300
36.0	40.4	26.6	97 800	95 700
38.0	35.4	24.0	87 300	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	457 900 *	450 600 *
16.0	79.0	47.3	430 200	421 200
18.0	76.4	46.8	354 900	344 900
20.0	73.8	46.2	292 700	284 700
22.0	71.2	45.6	247 300	240 400
24.0	68.5	44.8	212 100	206 200
26.0	65.7	43.9	184 100	178 900
28.0	62.9	42.9	161 100	156 500
30.0	60.0	41.8	141 900	138 000
32.0	57.1	40.5	125 800	122 300
34.0	54.0	39.1	111 900	108 800
36.0	50.8	37.5	99 900	97 200
38.0	47.4	35.7	89 400	87 100
40.0	43.8	33.6	80 200	78 100
42.0	40.0	31.3	71 900	70 100
44.0	35.8	28.7	64 500	
46.0	31.2	25.5	56 800 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	404 200	393 300
18.0	78.4	54.6	356 300	346 600
20.0	76.2	54.2	294 300	286 100
22.0	73.9	53.6	248 700	241 700
24.0	71.7	52.9	213 500	207 400
26.0	69.4	52.2	185 400	180 000
28.0	67.1	51.4	162 300	157 600
30.0	64.7	50.4	143 200	138 900
32.0	62.3	49.4	127 000	123 200
34.0	59.8	48.3	113 100	109 700
36.0	57.3	47.0	101 100	98 000
38.0	54.6	45.6	90 600	87 800
40.0	51.9	44.0	81 300	78 800
42.0	49.1	42.3	73 000	70 800
44.0	46.1	40.5	65 600	63 500
46.0	43.0	38.4	58 400 *	56 000 *
48.0	39.7	36.0	51 300 *	49 200 *
50.0	36.2	33.4	44 800 *	
52.0	32.3	30.4	38 800 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	355 000	345 100
20.0	77.9	62.0	294 900	286 600
22.0	76.0	61.5	249 300	242 200
24.0	74.0	61.0	214 100	207 800
26.0	72.1	60.3	185 900	180 400
28.0	70.1	59.6	162 900	157 900
30.0	68.1	58.8	143 700	139 200
32.0	66.0	57.9	127 500	123 500
34.0	63.9	57.0	113 600	110 000
36.0	61.8	55.9	101 600	98 300
38.0	59.6	54.7	91 100	88 100
40.0	57.4	53.5	81 800	79 000
42.0	55.1	52.1	73 500	71 000
44.0	52.8	50.6	66 100	63 800
46.0	50.3	49.0	59 400	56 500 *
48.0	47.8	47.2	52 200 *	49 600 *
50.0	45.2	45.2	45 600 *	43 400 *
52.0	42.4	43.1	39 700 *	37 600 *
54.0	39.5	40.7	34 200 *	32 400 *
56.0	36.4	38.1	29 200 *	
58.0	33.1	35.1	24 600 *	
60.0	29.3	31.7	20 300 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	296 500 b	288 200
22.0	77.6	69.4	250 100	242 800
24.0	75.9	68.9	214 700	208 300
26.0	74.1	68.3	186 500	180 800
28.0	72.4	67.7	163 400	158 300
30.0	70.6	67.0	144 200	139 600
32.0	68.8	66.2	127 900	123 800
34.0	67.0	65.4	114 000	110 200
36.0	65.2	64.5	101 900	98 400
38.0	63.3	63.5	91 300	88 200
40.0	61.4	62.4	82 100	79 100
42.0	59.5	61.2	73 800	71 100
44.0	57.5	60.0	66 400	63 800
46.0	55.5	58.6	59 600	56 800 *
48.0	53.4	57.1	52 700 *	49 800 *
50.0	51.3	55.6	46 100 *	43 500 *
52.0	49.1	53.8	40 100 *	37 700 *
54.0	46.8	52.0	34 600 *	32 400 *
56.0	44.4	50.0	29 600 *	27 600 *
58.0	42.0	47.8	24 900 *	23 100 *
60.0	39.4	45.4	20 600 *	18 900 *
62.0	36.6	42.8	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	280 500 b	269 600
22.0	78.8	77.2	251 500 b	244 600
24.0	77.3	76.7	214 100	207 700
26.0	75.8	76.2	185 900	180 100
28.0	74.2	75.7	162 800	157 600
30.0	72.6	75.0	143 600	138 900
32.0	71.0	74.4	127 300	123 100
34.0	69.4	73.6	113 400	109 500
36.0	67.8	72.8	101 400	97 800
38.0	66.2	71.9	90 800	87 500
40.0	64.5	71.0	81 500	78 500
42.0	62.8	70.0	73 200	70 400
44.0	61.1	68.9	65 900	63 200
46.0	59.4	67.7	59 200	56 300 *
48.0	57.6	66.5	52 300 *	49 200 *
50.0	55.8	65.1	45 700 *	42 900 *
52.0	53.9	63.7	39 700 *	37 100 *
54.0	52.0	62.1	34 200 *	31 800 *
56.0	50.1	60.5	29 100 *	26 900 *
58.0	48.1	58.7	24 500 *	22 400 *
60.0	46.0	56.8	20 200 *	18 300 *
62.0	43.8	54.7	16 200 *	

61.0m (200 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	241 400	234 100
24.0	78.5	84.5	214 200	207 800
26.0	77.1	84.1	184 900	179 200
28.0	75.7	83.6	161 900	156 700
30.0	74.2	83.0	142 800	138 100
32.0	72.8	82.4	126 600	122 400
34.0	71.4	81.7	112 800	108 800
36.0	69.9	81.0	100 800	97 200
38.0	68.5	80.2	90 300	87 000
40.0	67.0	79.4	81 000	77 900
42.0	65.5	78.5	72 800	69 900
44.0	64.0	77.5	65 400	62 800
46.0	62.4	76.5	58 800	56 100 *
48.0	60.8	75.4	52 300 *	49 000 *
50.0	59.3	74.2	45 600 *	42 600 *
52.0	57.6	72.9	39 700 *	36 900 *
54.0	56.0	71.6	34 200 *	31 600 *
56.0	54.3	70.2	29 100 *	26 700 *
58.0	52.6	68.7	24 500 *	22 200 *
60.0	50.9	67.1	20 200 *	18 100 *
62.0	49.1	65.3	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

393 310 kg Auxiliary Counterweight

360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	429 000	419 500
18.0	73.6	38.9	347 900	336 800
20.0	70.4	38.2	286 200	277 400
22.0	67.2	37.4	240 800	233 400
24.0	63.8	36.4	205 700	199 300
26.0	60.4	35.3	177 600	172 200
28.0	56.8	34.0	154 700	149 900
30.0	53.1	32.5	135 600	131 500
32.0	49.1	30.9	119 400	116 000
34.0	44.9	28.9	105 600	102 700
36.0	40.4	26.6	93 600	91 100
38.0	35.4	24.0	83 000	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	454 100 *	446 000 *
16.0	79.0	47.3	425 900	415 800
18.0	76.4	46.8	350 100	338 800
20.0	73.8	46.2	288 200	279 100
22.0	71.2	45.6	242 900	235 200
24.0	68.5	44.8	207 800	201 200
26.0	65.7	43.9	179 900	174 000
28.0	62.9	42.9	157 000	151 900
30.0	60.0	41.8	137 900	133 400
32.0	57.1	40.5	121 800	117 800
34.0	54.0	39.1	108 000	104 500
36.0	50.8	37.5	96 000	93 000
38.0	47.4	35.7	85 600	82 900
40.0	43.8	33.6	76 400	74 000
42.0	40.0	31.3	68 000	65 800
44.0	35.8	28.7	59 700 *	
46.0	31.2	25.5	51 800 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	399 700	387 400
18.0	78.4	54.6	352 000	340 900
20.0	76.2	54.2	290 100	280 900
22.0	73.9	53.6	244 700	236 800
24.0	71.7	52.9	209 600	202 600
26.0	69.4	52.2	181 500	175 400
28.0	67.1	51.4	158 500	153 100
30.0	64.7	50.4	139 500	134 600
32.0	62.3	49.4	123 300	119 000
34.0	59.8	48.3	109 500	105 600
36.0	57.3	47.0	97 500	94 000
38.0	54.6	45.6	87 000	83 900
40.0	51.9	44.0	77 800	75 000
42.0	49.1	42.3	69 500	66 800
44.0	46.1	40.5	61 700	58 700 *
46.0	43.0	38.4	53 800 *	51 100 *
48.0	39.7	36.0	46 700 *	44 400 *
50.0	36.2	33.4	40 200 *	
52.0	32.3	30.4	34 300 *	



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	350 700	339 600
20.0	77.9	62.0	291 000	281 600
22.0	76.0	61.5	245 500	237 400
24.0	74.0	61.0	210 400	203 300
26.0	72.1	60.3	182 300	176 100
28.0	70.1	59.6	159 400	153 700
30.0	68.1	58.8	140 200	135 200
32.0	66.0	57.9	124 100	119 500
34.0	63.9	57.0	110 200	106 100
36.0	61.8	55.9	98 200	94 500
38.0	59.6	54.7	87 800	84 300
40.0	57.4	53.5	78 500	75 400
42.0	55.1	52.1	70 300	67 400
44.0	52.8	50.6	62 800	59 500
46.0	50.3	49.0	55 000 *	51 900 *
48.0	47.8	47.2	47 900 *	45 000 *
50.0	45.2	45.2	41 400 *	38 800 *
52.0	42.4	43.1	35 400 *	33 200 *
54.0	39.5	40.7	30 000 *	28 000 *
56.0	36.4	38.1	25 000 *	
58.0	33.1	35.1	20 400 *	
60.0	29.3	31.7	16 100 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	292 900	283 400
22.0	77.6	69.4	246 500	238 300
24.0	75.9	68.9	211 300	204 000
26.0	74.1	68.3	183 200	176 700
28.0	72.4	67.7	160 100	154 300
30.0	70.6	67.0	140 900	135 700
32.0	68.8	66.2	124 700	120 000
34.0	67.0	65.4	110 800	106 500
36.0	65.2	64.5	98 800	94 800
38.0	63.3	63.5	88 300	84 700
40.0	61.4	62.4	79 000	75 600
42.0	59.5	61.2	70 700	67 600
44.0	57.5	60.0	63 300	60 000
46.0	55.5	58.6	55 900 *	52 400 *
48.0	53.4	57.1	48 700 *	45 400 *
50.0	51.3	55.6	42 100 *	39 100 *
52.0	49.1	53.8	36 100 *	33 400 *
54.0	46.8	52.0	30 700 *	28 200 *
56.0	44.4	50.0	25 600 *	23 400 *
58.0	42.0	47.8	21 000 *	18 900 *
60.0	39.4	45.4	16 700 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	277 100	265 000
22.0	78.8	77.2	248 100	240 100
24.0	77.3	76.7	210 700	203 400
26.0	75.8	76.2	182 600	176 100
28.0	74.2	75.7	159 600	153 800
30.0	72.6	75.0	140 400	135 100
32.0	71.0	74.4	124 200	119 500
34.0	69.4	73.6	110 300	106 000
36.0	67.8	72.8	98 300	94 300
38.0	66.2	71.9	87 800	84 100
40.0	64.5	71.0	78 500	75 100
42.0	62.8	70.0	70 300	67 100
44.0	61.1	68.9	62 900	59 600
46.0	59.4	67.7	55 700 *	51 900 *
48.0	57.6	66.5	48 400 *	45 000 *
50.0	55.8	65.1	41 900 *	38 700 *
52.0	53.9	63.7	35 900 *	33 000 *
54.0	52.0	62.1	30 400 *	27 700 *
56.0	50.1	60.5	25 400 *	22 900 *
58.0	48.1	58.7	20 800 *	18 400 *
60.0	46.0	56.8	16 500 *	

67.1m (220 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	237 700	229 600
24.0	78.5	84.5	210 900	203 600
26.0	77.1	84.1	181 700	175 200
28.0	75.7	83.6	158 700	152 900
30.0	74.2	83.0	139 700	134 400
32.0	72.8	82.4	123 600	118 800
34.0	71.4	81.7	109 800	105 400
36.0	69.9	81.0	97 900	93 800
38.0	68.5	80.2	87 400	83 600
40.0	67.0	79.4	78 200	74 600
42.0	65.5	78.5	70 000	66 700
44.0	64.0	77.5	62 600	59 400
46.0	62.4	76.5	55 700 *	51 800 *
48.0	60.8	75.4	48 400 *	44 900 *
50.0	59.3	74.2	41 900 *	38 600 *
52.0	57.6	72.9	36 000 *	32 900 *
54.0	56.0	71.6	30 500 *	27 600 *
56.0	54.3	70.2	25 500 *	22 800 *
58.0	52.6	68.7	20 900 *	18 400 *
60.0	50.9	67.1	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	423 600	412 900
18.0	73.6	38.9	341 500	329 100
20.0	70.4	38.2	280 300	270 400
22.0	67.2	37.4	235 100	226 800
24.0	63.8	36.4	200 200	193 100
26.0	60.4	35.3	172 300	166 200
28.0	56.8	34.0	149 500	144 200
30.0	53.1	32.5	130 400	126 000
32.0	49.1	30.9	114 400	110 600
34.0	44.9	28.9	100 700	97 400
36.0	40.4	26.6	88 700	86 100
38.0	35.4	24.0	78 300	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	449 600 *	440 400 *
16.0	79.0	47.3	420 600	409 200
18.0	76.4	46.8	344 100	331 400
20.0	73.8	46.2	282 600	272 500
22.0	71.2	45.6	237 600	228 900
24.0	68.5	44.8	202 700	195 200
26.0	65.7	43.9	174 900	168 400
28.0	62.9	42.9	152 200	146 400
30.0	60.0	41.8	133 200	128 200
32.0	57.1	40.5	117 200	112 800
34.0	54.0	39.1	103 500	99 600
36.0	50.8	37.5	91 600	88 200
38.0	47.4	35.7	81 200	78 200
40.0	43.8	33.6	72 000	68 900 *
42.0	40.0	31.3	62 700 *	59 700 *
44.0	35.8	28.7	54 000 *	
46.0	31.2	25.5	46 300 *	

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	393 900	380 000
18.0	78.4	54.6	346 400	334 000
20.0	76.2	54.2	284 900	274 500
22.0	73.9	53.6	239 700	230 800
24.0	71.7	52.9	204 800	197 000
26.0	69.4	52.2	176 900	170 100
28.0	67.1	51.4	154 000	148 000
30.0	64.7	50.4	135 100	129 700
32.0	62.3	49.4	119 000	114 200
34.0	59.8	48.3	105 200	101 000
36.0	57.3	47.0	93 300	89 500
38.0	54.6	45.6	82 900	79 500
40.0	51.9	44.0	73 700	70 500
42.0	49.1	42.3	65 200	61 400 *
44.0	46.1	40.5	56 400 *	53 100 *
46.0	43.0	38.4	48 600 *	45 700 *
48.0	39.7	36.0	41 600 *	39 100 *
50.0	36.2	33.4	35 200 *	
52.0	32.3	30.4	29 300 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	345 800	333 400
20.0	77.9	62.0	286 000	275 500
22.0	76.0	61.5	240 900	231 700
24.0	74.0	61.0	205 900	197 900
26.0	72.1	60.3	178 000	171 000
28.0	70.1	59.6	155 100	148 800
30.0	68.1	58.8	136 100	130 500
32.0	66.0	57.9	120 000	115 000
34.0	63.9	57.0	106 300	101 700
36.0	61.8	55.9	94 300	90 200
38.0	59.6	54.7	83 900	80 100
40.0	57.4	53.5	74 700	71 200
42.0	55.1	52.1	66 400	62 600 *
44.0	52.8	50.6	58 000 *	54 200 *
46.0	50.3	49.0	50 200 *	46 700 *
48.0	47.8	47.2	43 100 *	39 900 *
50.0	45.2	45.2	36 600 *	33 800 *
52.0	42.4	43.1	30 800 *	28 300 *
54.0	39.5	40.7	25 300 *	23 200 *
56.0	36.4	38.1	20 400 *	

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	288 200	277 600
22.0	77.6	69.4	242 100	232 900
24.0	75.9	68.9	207 000	198 900
26.0	74.1	68.3	179 000	171 800
28.0	72.4	67.7	156 100	149 600
30.0	70.6	67.0	137 000	131 200
32.0	68.8	66.2	120 900	115 600
34.0	67.0	65.4	107 100	102 200
36.0	65.2	64.5	95 100	90 700
38.0	63.3	63.5	84 600	80 600
40.0	61.4	62.4	75 400	71 700
42.0	59.5	61.2	67 200	63 400
44.0	57.5	60.0	59 200	54 900 *
46.0	55.5	58.6	51 200 *	47 400 *
48.0	53.4	57.1	44 100 *	40 500 *
50.0	51.3	55.6	37 600 *	34 300 *
52.0	49.1	53.8	31 700 *	28 700 *
54.0	46.8	52.0	26 200 *	23 500 *
56.0	44.4	50.0	21 200 *	18 800 *
58.0	42.0	47.8	16 700 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

73.2m (240 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	272 600	259 200
22.0	78.8	77.2	243 700	234 700
24.0	77.3	76.7	206 600	198 400
26.0	75.8	76.2	178 600	171 300
28.0	74.2	75.7	155 700	149 100
30.0	72.6	75.0	136 600	130 700
32.0	71.0	74.4	120 500	115 100
34.0	69.4	73.6	106 700	101 800
36.0	67.8	72.8	94 800	90 300
38.0	66.2	71.9	84 300	80 200
40.0	64.5	71.0	75 100	71 300
42.0	62.8	70.0	66 900	63 100
44.0	61.1	68.9	59 100	54 700 *
46.0	59.4	67.7	51 200 *	47 100 *
48.0	57.6	66.5	44 000 *	40 200 *
50.0	55.8	65.1	37 500 *	34 000 *
52.0	53.9	63.7	31 600 *	28 300 *
54.0	52.0	62.1	26 200 *	23 100 *
56.0	50.1	60.5	21 200 *	18 400 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	420 800	408 900
18.0	73.6	38.9	337 900	324 000
20.0	70.4	38.2	276 700	265 700
22.0	67.2	37.4	231 600	222 300
24.0	63.8	36.4	196 600	188 700
26.0	60.4	35.3	168 700	161 900
28.0	56.8	34.0	145 900	140 000
30.0	53.1	32.5	126 900	121 800
32.0	49.1	30.9	110 800	106 500
34.0	44.9	28.9	97 100	93 400
36.0	40.4	26.6	85 100	82 100
38.0	35.4	24.0	74 300	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	447 400 *	437 200 *
16.0	79.0	47.3	418 000	405 200
18.0	76.4	46.8	340 900	326 700
20.0	73.8	46.2	279 500	268 200
22.0	71.2	45.6	234 500	224 800
24.0	68.5	44.8	199 600	191 200
26.0	65.7	43.9	171 800	164 500
28.0	62.9	42.9	149 000	142 600
30.0	60.0	41.8	130 100	124 400
32.0	57.1	40.5	114 100	109 100
34.0	54.0	39.1	100 300	96 000
36.0	50.8	37.5	88 500	84 600
38.0	47.4	35.7	78 100	74 400
40.0	43.8	33.6	68 200 *	64 200 *
42.0	40.0	31.3	58 400 *	55 100 *
44.0	35.8	28.7	49 900 *	
46.0	31.2	25.5	42 100 *	

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	391 100	375 600
18.0	78.4	54.6	343 600	329 800
20.0	76.2	54.2	282 100	270 500
22.0	73.9	53.6	236 900	227 000
24.0	71.7	52.9	202 000	193 300
26.0	69.4	52.2	174 100	166 500
28.0	67.1	51.4	151 300	144 500
30.0	64.7	50.4	132 300	126 200
32.0	62.3	49.4	116 200	110 800
34.0	59.8	48.3	102 500	97 700
36.0	57.3	47.0	90 600	86 200
38.0	54.6	45.6	80 100	76 300
40.0	51.9	44.0	70 800	66 400 *
42.0	49.1	42.3	61 400 *	57 200 *
44.0	46.1	40.5	52 700 *	49 000 *
46.0	43.0	38.4	44 900 *	41 600 *
48.0	39.7	36.0	37 900 *	35 000 *
50.0	36.2	33.4	31 500 *	
52.0	32.3	30.4	25 600 *	



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
393 310 kg Auxiliary Counterweight
360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	343 300	329 500
20.0	77.9	62.0	283 500	271 700
22.0	76.0	61.5	238 400	228 200
24.0	74.0	61.0	203 400	194 500
26.0	72.1	60.3	175 500	167 600
28.0	70.1	59.6	152 600	145 600
30.0	68.1	58.8	133 600	127 300
32.0	66.0	57.9	117 600	111 900
34.0	63.9	57.0	103 800	98 600
36.0	61.8	55.9	91 800	87 200
38.0	59.6	54.7	81 400	77 200
40.0	57.4	53.5	72 200	68 000 *
42.0	55.1	52.1	63 500 *	58 600 *
44.0	52.8	50.6	54 600 *	50 300 *
46.0	50.3	49.0	46 800 *	42 900 *
48.0	47.8	47.2	39 700 *	36 200 *
50.0	45.2	45.2	33 300 *	30 100 *
52.0	42.4	43.1	27 400 *	24 600 *
54.0	39.5	40.7	22 000 *	19 500 *
56.0	36.4	38.1	17 100 *	

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	285 900	274 100
22.0	77.6	69.4	239 900	229 600
24.0	75.9	68.9	204 800	195 700
26.0	74.1	68.3	176 800	168 700
28.0	72.4	67.7	153 800	146 600
30.0	70.6	67.0	134 800	128 300
32.0	68.8	66.2	118 600	112 700
34.0	67.0	65.4	104 800	99 400
36.0	65.2	64.5	92 800	87 900
38.0	63.3	63.5	82 400	77 800
40.0	61.4	62.4	73 100	68 900
42.0	59.5	61.2	64 700	59 800 *
44.0	57.5	60.0	56 100 *	51 400 *
46.0	55.5	58.6	48 200 *	43 800 *
48.0	53.4	57.1	41 000 *	37 100 *
50.0	51.3	55.6	34 500 *	30 900 *
52.0	49.1	53.8	28 600 *	25 300 *
54.0	46.8	52.0	23 200 *	20 100 *
56.0	44.4	50.0	18 200 *	15 400 *



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

79.2m (260 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	270 900	256 300
22.0	78.8	77.2	241 500	231 400
24.0	77.3	76.7	204 400	195 300
26.0	75.8	76.2	176 500	168 300
28.0	74.2	75.7	153 500	146 300
30.0	72.6	75.0	134 500	127 900
32.0	71.0	74.4	118 400	112 400
34.0	69.4	73.6	104 600	99 100
36.0	67.8	72.8	92 600	87 600
38.0	66.2	71.9	82 200	77 600
40.0	64.5	71.0	73 000	68 600
42.0	62.8	70.0	64 700	59 900 *
44.0	61.1	68.9	56 300 *	51 300 *
46.0	59.4	67.7	48 300 *	43 800 *
48.0	57.6	66.5	41 200 *	37 000 *
50.0	55.8	65.1	34 700 *	30 700 *
52.0	53.9	63.7	28 800 *	25 100 *
54.0	52.0	62.1	23 300 *	19 900 *
56.0	50.1	60.5	18 300 *	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	415 100	402 000
18.0	73.6	38.9	331 200	315 700
20.0	70.4	38.2	270 500	258 200
22.0	67.2	37.4	225 600	215 200
24.0	63.8	36.4	190 800	182 000
26.0	60.4	35.3	163 000	155 500
28.0	56.8	34.0	140 300	133 900
30.0	53.1	32.5	121 400	115 900
32.0	49.1	30.9	105 500	100 800
34.0	44.9	28.9	91 800	87 700
36.0	40.4	26.6	79 600	75 400 *
38.0	35.4	24.0	67 500 *	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	442 700 *	431 300 *
16.0	79.0	47.3	412 400	398 200
18.0	76.4	46.8	334 600	318 800
20.0	73.8	46.2	273 700	261 100
22.0	71.2	45.6	228 900	218 100
24.0	68.5	44.8	194 200	185 000
26.0	65.7	43.9	166 600	158 500
28.0	62.9	42.9	143 900	136 800
30.0	60.0	41.8	125 100	118 900
32.0	57.1	40.5	109 200	103 700
34.0	54.0	39.1	95 600	90 700
36.0	50.8	37.5	83 800	79 100
38.0	47.4	35.7	72 700	67 800 *
40.0	43.8	33.6	61 900 *	57 700 *
42.0	40.0	31.3	52 400 *	48 800 *
44.0	35.8	28.7	43 900 *	
46.0	31.2	25.5	36 300 *	

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	385 000	367 800
18.0	78.4	54.6	337 800	322 400
20.0	76.2	54.2	276 600	263 700
22.0	73.9	53.6	231 700	220 700
24.0	71.7	52.9	196 900	187 300
26.0	69.4	52.2	169 200	160 800
28.0	67.1	51.4	146 500	139 100
30.0	64.7	50.4	127 700	121 000
32.0	62.3	49.4	111 700	105 800
34.0	59.8	48.3	98 000	92 700
36.0	57.3	47.0	86 200	81 400
38.0	54.6	45.6	75 800	70 500
40.0	51.9	44.0	65 400 *	60 200 *
42.0	49.1	42.3	55 800 *	51 200 *
44.0	46.1	40.5	47 100 *	43 100 *
46.0	43.0	38.4	39 400 *	35 900 *
48.0	39.7	36.0	32 400 *	29 400 *
50.0	36.2	33.4	26 100 *	
52.0	32.3	30.4	20 400 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	338 100	322 700
20.0	77.9	62.0	278 400	265 300
22.0	76.0	61.5	233 400	222 100
24.0	74.0	61.0	198 600	188 800
26.0	72.1	60.3	170 900	162 200
28.0	70.1	59.6	148 200	140 400
30.0	68.1	58.8	129 300	122 300
32.0	66.0	57.9	113 300	107 000
34.0	63.9	57.0	99 600	93 900
36.0	61.8	55.9	87 700	82 600
38.0	59.6	54.7	77 400	72 300
40.0	57.4	53.5	67 900 *	62 100 *
42.0	55.1	52.1	58 100 *	52 900 *
44.0	52.8	50.6	49 400 *	44 700 *
46.0	50.3	49.0	41 600 *	37 300 *
48.0	47.8	47.2	34 600 *	30 800 *
50.0	45.2	45.2	28 200 *	24 800 *
52.0	42.4	43.1	22 400 *	19 300 *
54.0	39.5	40.7	17 100 *	

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	281 000	267 800
22.0	77.6	69.4	235 200	223 800
24.0	75.9	68.9	200 300	190 200
26.0	74.1	68.3	172 500	163 500
28.0	72.4	67.7	149 600	141 600
30.0	70.6	67.0	130 600	123 500
32.0	68.8	66.2	114 600	108 100
34.0	67.0	65.4	100 900	94 900
36.0	65.2	64.5	89 000	83 500
38.0	63.3	63.5	78 600	73 600
40.0	61.4	62.4	69 300	63 600 *
42.0	59.5	61.2	60 000 *	54 300 *
44.0	57.5	60.0	51 200 *	46 000 *
46.0	55.5	58.6	43 300 *	38 600 *
48.0	53.4	57.1	36 200 *	31 900 *
50.0	51.3	55.6	29 800 *	25 800 *
52.0	49.1	53.8	23 900 *	20 200 *
54.0	46.8	52.0	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

85.3m (280 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	266 200	250 200
22.0	78.8	77.2	236 900	225 700
24.0	77.3	76.7	200 000	189 900
26.0	75.8	76.2	172 200	163 200
28.0	74.2	75.7	149 500	141 400
30.0	72.6	75.0	130 500	123 200
32.0	71.0	74.4	114 500	107 900
34.0	69.4	73.6	100 800	94 700
36.0	67.8	72.8	88 900	83 300
38.0	66.2	71.9	78 500	73 400
40.0	64.5	71.0	69 300	63 800 *
42.0	62.8	70.0	60 400 *	54 400 *
44.0	61.1	68.9	51 600 *	46 100 *
46.0	59.4	67.7	43 700 *	38 600 *
48.0	57.6	66.5	36 600 *	31 900 *
50.0	55.8	65.1	30 100 *	25 800 *
52.0	53.9	63.7	24 200 *	20 200 *
54.0	52.0	62.1	18 900 *	



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

393 310 kg Auxiliary Counterweight

360 Degree Rating

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	409 700	395 100
18.0	73.6	38.9	324 500	307 600
20.0	70.4	38.2	264 400	250 900
22.0	67.2	37.4	219 700	208 400
24.0	63.8	36.4	185 200	175 500
26.0	60.4	35.3	157 600	149 400
28.0	56.8	34.0	135 000	127 900
30.0	53.1	32.5	116 300	110 200
32.0	49.1	30.9	100 400	
34.0	44.9	28.9	86 700	
45.7m (150 ft.) Boom				
15.2	79.9	47.4	438 200 *	425 600 *
16.0	79.0	47.3	407 000	391 300
18.0	76.4	46.8	328 300	311 100
20.0	73.8	46.2	268 000	254 200
22.0	71.2	45.6	223 500	211 700
24.0	68.5	44.8	189 000	178 900
26.0	65.7	43.9	161 500	152 700
28.0	62.9	42.9	139 100	131 300
30.0	60.0	41.8	120 300	113 600
32.0	57.1	40.5	104 600	98 600
34.0	54.0	39.1	91 000	85 600
36.0	50.8	37.5	78 900	
38.0	47.4	35.7	66 900 *	
40.0	43.8	33.6	56 200 *	

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
53.3m (175 ft.) Boom				
16.8	79.7	54.9	379 100	360 100
18.0	78.4	54.6	332 100	315 200
20.0	76.2	54.2	271 300	257 100
22.0	73.9	53.6	226 600	214 500
24.0	71.7	52.9	192 100	181 600
26.0	69.4	52.2	164 600	155 300
28.0	67.1	51.4	142 000	133 800
30.0	64.7	50.4	123 300	116 000
32.0	62.3	49.4	107 400	100 900
34.0	59.8	48.3	93 800	88 000
36.0	57.3	47.0	82 100	76 100
38.0	54.6	45.6	70 800	64 500 *
40.0	51.9	44.0	60 000 *	
42.0	49.1	42.3	50 500 *	
44.0	46.1	40.5	42 000 *	
46.0	43.0	38.4	34 400 *	
61.0m (200 ft.) Boom				
16.8	81.0	62.7	374 100 *	356 100 *
18.0	79.9	62.4	332 900	316 000
20.0	77.9	62.0	273 300	259 000
22.0	76.0	61.5	228 700	216 300
24.0	74.0	61.0	194 100	183 300
26.0	72.1	60.3	166 500	157 000
28.0	70.1	59.6	143 900	135 400
30.0	68.1	58.8	125 100	117 500
32.0	66.0	57.9	109 300	102 400
34.0	63.9	57.0	95 700	89 500
36.0	61.8	55.9	83 900	78 000
38.0	59.6	54.7	73 600	66 800 *
40.0	57.4	53.5	62 800 *	56 500 *
42.0	55.1	52.1	53 200 *	47 500 *
44.0	52.8	50.6	44 600 *	39 400 *
46.0	50.3	49.0	36 900 *	
48.0	47.8	47.2	29 900 *	
50.0	45.2	45.2	23 600 *	
52.0	42.4	43.1	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
393 310 kg Auxiliary Counterweight
360 Degree Rating

91.4m (300 ft.) Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms	
			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	276 400	261 900
22.0	77.6	69.4	230 800	218 100
24.0	75.9	68.9	196 100	185 000
26.0	74.1	68.3	168 300	158 600
28.0	72.4	67.7	145 600	136 900
30.0	70.6	67.0	126 800	118 900
32.0	68.8	66.2	110 900	103 700
34.0	67.0	65.4	97 200	90 700
36.0	65.2	64.5	85 400	79 400
38.0	63.3	63.5	75 000	68 700
40.0	61.4	62.4	65 100 *	58 300 *
42.0	59.5	61.2	55 300 *	49 200 *
44.0	57.5	60.0	46 600 *	41 000 *
46.0	55.5	58.6	38 900 *	33 700 *
48.0	53.4	57.1	31 800 *	27 000 *
50.0	51.3	55.6	25 400 *	21 000 *
52.0	49.1	53.8	19 600 *	

REFERENCE
ONLY!