



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

LIFTING CAPACITIES: Lifting capacities for various boom lengths, jib lengths and jib 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 5 440 kg minimum block weight. Capacities indicated by (c) provide less than required jib backward stability with 5 440 kg minimum block weight and minimal jib movement may be observed.

Upper jib point capacity for liftcrane service with single part whip line is 14 650 kg or 29 300 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg with two part whip line. In all cases, upper jib point capacities cannot exceed those listed for main jib capacity.

Weight of all load blocks, hooks, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of jib load. Boom and jib are 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. 7951-A**. Crane operator judgment 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.

JIB POINT ELEVATION: Jib point elevation is vertical distance from ground level to centerline of jib 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. **7924-BM** for lifting off main boom point with jib attached.



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21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
21.3	80.1	61.1	181 400 *c				21.3
22.0	79.5	60.9	179 300 *c				22.0
24.0	77.5	60.3	175 700 *c				24.0
26.0	75.5	59.7	175 400 *c	79.0	58.9	131 100 *c	26.0
28.0	73.5	59.0	172 700 *c	76.9	58.2	124 000 *c	28.0
30.0	71.4	58.2	160 400 *c	74.8	57.4	117 700 *b	30.0
32.0	69.4	57.3	150 500 *c	72.7	56.5	112 000 *b	32.0
34.0	67.3	56.3	141 700 *c	70.6	55.5	106 900 *b	34.0
36.0	65.1	55.2	133 900 *b	68.4	54.4	102 300 *b	36.0
38.0	62.9	54.0	127 000 *b	66.2	53.2	98 100 *b	38.0
40.0	60.6	52.8	120 700 *b	63.9	51.9	94 200 *b	40.0
42.0	58.3	51.4	115 000 *b	61.5	50.5	90 700 *b	42.0
44.0	55.9	49.8	109 600 b	59.1	48.9	87 600 *b	44.0
46.0	53.5	48.2	102 900 b	56.6	47.2	84 600 *b	46.0
48.0	50.9	46.4	96 700 b	53.9	45.3	81 900 *b	48.0
50.0	48.2	44.4	91 000 b	51.2	43.3	79 500 *b	50.0
52.0	45.4	42.2	85 900 b	48.3	41.1	77 200 *	52.0
54.0	42.4	39.8	81 100	45.2	38.6	75 100 *	54.0
56.0	39.3	37.1	76 700	41.9	35.8	73 300 *	56.0
58.0	35.8	34.0	72 600				58.0
60.0	31.9	30.5	68 800				60.0
62.0	27.5	26.2	65 200				62.0

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
22.9	79.9	68.5	176 900 *c				22.9
24.0	78.9	68.2	176 300 *c				24.0
26.0	77.2	67.7	175 700 *c	80.3	66.8	134 500 *c	26.0
28.0	75.4	67.0	175 100 *c	78.5	66.2	127 900 *c	28.0
30.0	73.6	66.3	170 700 *c	76.7	65.5	121 900 *c	30.0
32.0	71.8	65.6	160 500 *c	74.8	64.7	116 500 *b	32.0
34.0	70.0	64.7	151 600 *c	73.0	63.8	111 600 *b	34.0
36.0	68.1	63.8	143 600 c	71.1	62.9	107 100 *b	36.0
38.0	66.3	62.8	133 900 b	69.2	61.9	103 000 *b	38.0
40.0	64.3	61.7	124 200 b	67.2	60.8	99 200 *b	40.0
42.0	62.4	60.5	115 700 b	65.2	59.6	95 800 *b	42.0
44.0	60.4	59.2	108 100 b	63.2	58.3	92 600 *b	44.0
46.0	58.3	57.9	101 300 b	61.1	56.9	89 600 *b	46.0
48.0	56.2	56.4	95 000 b	59.0	55.4	86 900 *b	48.0
50.0	54.1	54.8	89 400 b	56.8	53.7	84 300 *b	50.0
52.0	51.8	53.0	84 200 b	54.5	52.0	82 000 *b	52.0
54.0	49.5	51.1	79 500 b	52.1	50.0	79 700 b	54.0
56.0	47.1	49.1	75 100 b	49.7	47.9	76 100	56.0
58.0	44.6	46.9	71 000	47.1	45.7	71 800	58.0
60.0	41.9	44.4	67 300	44.3	43.2	67 900	60.0
62.0	39.1	41.8	63 800	41.4	40.4	64 300	62.0
64.0	36.1	38.8	60 500	38.3	37.3	60 900	64.0
66.0	32.7	35.4	57 400				66.0
68.0	29.0	31.4	54 500				68.0



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 Requirements

888 RINGER

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
22.9	81.0	76.3	177 100 *c				22.9
24.0	80.1	76.1	176 600 *c				24.0
26.0	78.5	75.6	175 900 *c				26.0
28.0	76.9	75.0	175 100 *c	79.7	74.1	132 300 *c	28.0
30.0	75.4	74.4	174 300 *c	78.1	73.5	126 500 *c	30.0
32.0	73.8	73.7	170 000 c	76.5	72.8	121 300 *c	32.0
34.0	72.1	72.9	155 600 c	74.8	72.1	116 500 *c	34.0
36.0	70.5	72.1	143 200 c	73.2	71.2	112 000 *c	36.0
38.0	68.8	71.2	132 300 c	71.5	70.3	108 000 *b	38.0
40.0	67.2	70.3	122 700 c	69.8	69.4	104 200 *b	40.0
42.0	65.5	69.3	114 200 c	68.1	68.3	100 700 *b	42.0
44.0	63.7	68.2	106 500 b	66.3	67.2	97 500 *b	44.0
46.0	62.0	67.0	99 600 b	64.5	66.0	94 600 *b	46.0
48.0	60.2	65.7	93 400 b	62.7	64.7	91 800 *b	48.0
50.0	58.3	64.3	87 700 b	60.8	63.3	88 900 b	50.0
52.0	56.5	62.9	82 500 b	58.9	61.8	83 900 b	52.0
54.0	54.5	61.3	77 800 b	57.0	60.3	79 000 b	54.0
56.0	52.6	59.6	73 400 b	54.9	58.5	74 500 b	56.0
58.0	50.5	57.8	69 400 b	52.9	56.7	70 400 b	58.0
60.0	48.4	55.9	65 600 b	50.7	54.7	66 500 b	60.0
62.0	46.2	53.8	62 100 b	48.5	52.6	62 900 b	62.0
64.0	43.9	51.6	58 800 b	46.1	50.3	59 500	64.0
66.0	41.5	49.1	55 800 b	43.7	47.8	56 400	66.0
68.0	39.0	46.4	52 900	41.0	45.0	53 400	68.0
72.0	33.4	40.2	47 700				72.0
76.0	26.6	32.2	42 900				76.0

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
24.4	80.7	83.8	176 400 *c				24.4
26.0	79.6	83.4	175 600 *c				26.0
28.0	78.2	82.9	174 900 *c				28.0
30.0	76.7	82.3	174 100 *c	79.2	81.5	131 500 *c	30.0
32.0	75.3	81.7	168 300 c	77.8	80.8	126 300 *c	32.0
34.0	73.9	81.1	153 900 c	76.3	80.2	121 600 *c	34.0
36.0	72.4	80.3	141 500 c	74.8	79.4	117 200 *c	36.0
38.0	70.9	79.5	130 600 c	73.3	78.6	113 100 *c	38.0
40.0	69.4	78.7	121 000 c	71.8	77.8	109 300 *c	40.0
42.0	67.9	77.8	112 400 c	70.3	76.8	105 900 *b	42.0
44.0	66.4	76.8	104 800 c	68.7	75.8	102 600 *b	44.0
46.0	64.8	75.8	97 900 c	67.1	74.8	99 300 b	46.0
48.0	63.2	74.6	91 700 c	65.5	73.6	93 600 b	48.0
50.0	61.6	73.4	86 000 b	63.9	72.4	87 700 b	50.0
52.0	60.0	72.2	80 800 b	62.3	71.2	82 400 b	52.0
54.0	58.3	70.8	76 100 b	60.6	69.8	77 500 b	54.0
56.0	56.6	69.4	71 700 b	58.9	68.3	73 000 b	56.0
58.0	54.9	67.9	67 600 b	57.1	66.8	68 900 b	58.0
60.0	53.1	66.2	63 900 b	55.3	65.1	65 000 b	60.0
62.0	51.3	64.5	60 400 b	53.4	63.3	61 400 b	62.0
64.0	49.4	62.6	57 200 b	51.5	61.4	58 100 b	64.0
66.0	47.5	60.7	54 100 b	49.5	59.4	54 900 b	66.0
68.0	45.5	58.5	51 200 b	47.5	57.3	52 000 b	68.0
72.0	41.2	53.8	46 000 b	43.1	52.4	46 600	72.0
76.0	36.5	48.2	41 400	38.2	46.6	41 800	76.0
80.0	31.0	41.4	37 200				80.0



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Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
25.9	80.6	91.3	174 600 *c				25.9
26.0	80.5	91.2	174 500 *c				26.0
28.0	79.2	90.8	173 800 *c				28.0
30.0	77.9	90.3	173 200 *c	80.2	89.3	136 900 *c	30.0
32.0	76.6	89.7	166 800 c	78.9	88.8	131 700 *c	32.0
34.0	75.3	89.1	152 400 c	77.5	88.2	127 000 *c	34.0
36.0	73.9	88.4	139 900 c	76.2	87.5	122 500 *c	36.0
38.0	72.6	87.7	129 000 c	74.8	86.8	118 400 *c	38.0
40.0	71.2	86.9	119 400 c	73.5	86.0	114 600 *c	40.0
42.0	69.9	86.1	110 800 c	72.1	85.2	111 100 *c	42.0
44.0	68.5	85.2	103 200 c	70.7	84.3	105 600 c	44.0
46.0	67.1	84.3	96 300 c	69.3	83.3	98 500 c	46.0
48.0	65.7	83.3	90 000 c	67.8	82.3	92 100 b	48.0
50.0	64.3	82.2	84 300 c	66.4	81.2	86 200 b	50.0
52.0	62.8	81.1	79 100 c	64.9	80.1	80 900 b	52.0
54.0	61.3	79.9	74 400 c	63.4	78.9	76 000 b	54.0
56.0	59.9	78.7	70 000 b	61.9	77.6	71 500 b	56.0
58.0	58.3	77.3	66 000 b	60.4	76.2	67 400 b	58.0
60.0	56.8	75.9	62 200 b	58.8	74.8	63 500 b	60.0
62.0	55.2	74.4	58 700 b	57.2	73.3	59 900 b	62.0
64.0	53.6	72.8	55 500 b	55.6	71.7	56 600 b	64.0
66.0	51.9	71.1	52 500 b	53.9	69.9	53 500 b	66.0
68.0	50.2	69.3	49 600 b	52.2	68.1	50 500 b	68.0
72.0	46.7	65.4	44 400 b	48.6	64.1	45 200 b	72.0
76.0	42.9	60.9	39 800 b	44.7	59.6	40 400 b	76.0
80.0	38.8	55.8	35 600 b	40.5	54.3	36 100	80.0
84.0	34.3	49.8	31 900				84.0
88.0	29.0	42.5	27 900 *				88.0

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
27.4	80.4	98.7	173 100 *c				27.4
28.0	80.0	98.6	172 900 *c				28.0
30.0	78.9	98.1	172 200 *c				30.0
32.0	77.7	97.6	165 600 c	79.8	96.7	133 100 *c	32.0
34.0	76.4	97.0	151 100 c	78.5	96.1	128 600 *c	34.0
36.0	75.2	96.4	138 600 c	77.3	95.5	124 400 *c	36.0
38.0	74.0	95.8	127 700 c	76.1	94.8	120 600 *c	38.0
40.0	72.8	95.1	118 000 c	74.8	94.1	116 900 *c	40.0
42.0	71.5	94.3	109 400 c	73.6	93.4	112 200 c	42.0
44.0	70.3	93.5	101 700 c	72.3	92.5	104 400 c	44.0
46.0	69.0	92.7	94 800 c	71.0	91.7	97 200 c	46.0
48.0	67.7	91.8	88 600 c	69.7	90.8	90 800 c	48.0
50.0	66.4	90.8	82 800 c	68.4	89.8	84 900 c	50.0
52.0	65.1	89.8	77 600 c	67.1	88.8	79 600 b	52.0
54.0	63.8	88.7	72 900 c	65.8	87.7	74 700 b	54.0
56.0	62.5	87.6	68 500 c	64.4	86.5	70 200 b	56.0
58.0	61.1	86.4	64 400 c	63.0	85.3	66 000 b	58.0
60.0	59.7	85.1	60 700 b	61.6	84.1	62 100 b	60.0
62.0	58.3	83.8	57 200 b	60.2	82.7	58 500 b	62.0
64.0	56.9	82.4	53 900 b	58.8	81.3	55 200 b	64.0
66.0	55.5	80.9	50 900 b	57.3	79.8	52 000 b	66.0
68.0	54.0	79.4	48 000 b	55.8	78.2	49 100 b	68.0
72.0	50.9	76.0	42 800 b	52.7	74.8	43 700 b	72.0
76.0	47.7	72.2	38 200 b	49.4	70.9	39 000 b	76.0
80.0	44.3	68.0	34 000 b	46.0	66.6	34 600 b	80.0
84.0	40.7	63.2	30 000 *b	42.3	61.7	30 700 *b	84.0
88.0	36.7	57.7	26 000 *	38.2	56.0	26 400 *	88.0
92.0	32.3	51.2	22 200 *				92.0
96.0	27.2	43.4	18 700 *				96.0



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Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
29.0	80.2	106.2	158 400 *c				29.0
30.0	79.7	105.9	156 700 *c				30.0
32.0	78.6	105.5	153 600 *c				32.0
34.0	77.4	104.9	149 500 c	79.4	104.0	127 900 *c	34.0
36.0	76.3	104.4	137 600 c	78.3	103.4	125 500 *c	36.0
38.0	75.2	103.8	126 500 c	77.1	102.8	121 900 *c	38.0
40.0	74.1	103.1	116 800 c	76.0	102.2	118 200 c	40.0
42.0	72.9	102.4	108 200 c	74.8	101.5	111 500 b	42.0
44.0	71.8	101.7	100 500 c	73.7	100.7	103 200 b	44.0
46.0	70.6	100.9	93 600 c	72.5	99.9	96 200 b	46.0
48.0	69.4	100.1	87 300 c	71.3	99.1	89 700 b	48.0
50.0	68.3	99.2	81 700 c	70.1	98.2	83 900 b	50.0
52.0	67.1	98.3	76 500 c	68.9	97.3	78 500 b	52.0
54.0	65.9	97.3	71 700 b	67.7	96.3	73 600 b	54.0
56.0	64.6	96.3	67 300 b	66.5	95.3	69 100 b	56.0
58.0	63.4	95.2	63 200 b	65.2	94.2	65 000 b	58.0
60.0	62.2	94.1	59 500 b	64.0	93.0	61 100 b	60.0
62.0	60.9	92.9	56 000 b	62.7	91.8	57 500 b	62.0
64.0	59.6	91.6	52 800 b	61.4	90.5	54 100 b	64.0
66.0	58.3	90.3	49 700 b	60.1	89.2	51 000 b	66.0
68.0	57.0	88.9	46 900 b	58.7	87.8	48 100 b	68.0
72.0	54.3	85.9	41 700 b	56.0	84.7	42 700 b	72.0
76.0	51.5	82.6	37 000 b	53.2	81.4	38 000 b	76.0
80.0	48.6	78.9	32 900 b	50.2	77.6	33 700 b	80.0
84.0	45.5	74.9	28 700 *b	47.0	73.5	29 600 *	84.0
88.0	42.2	70.3	24 600 *	43.7	68.9	25 300 *	88.0
92.0	38.7	65.2	20 900 *	40.1	63.6	21 400 *	92.0
96.0	34.9	59.3	17 500 *				96.0
100.0	30.6	52.5	14 400 *				100.0

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
29.0	80.9	113.9	154 700 *c				29.0
30.0	80.4	113.7	153 500 *c				30.0
32.0	79.3	113.3	151 100 *c				32.0
34.0	78.3	112.8	147 600 c	80.1	111.8	127 600 *c	34.0
36.0	77.3	112.3	136 200 c	79.1	111.3	126 200 *c	36.0
38.0	76.2	111.7	125 000 c	78.0	110.8	124 800 *c	38.0
40.0	75.2	111.1	115 300 c	77.0	110.2	119 000 c	40.0
42.0	74.1	110.5	106 700 c	75.9	109.5	109 800 c	42.0
44.0	73.0	109.8	98 900 c	74.8	108.8	101 900 c	44.0
46.0	72.0	109.1	92 000 c	73.7	108.1	94 700 c	46.0
48.0	70.9	108.3	85 700 c	72.6	107.3	88 300 b	48.0
50.0	69.8	107.5	80 000 c	71.5	106.5	82 500 b	50.0
52.0	68.7	106.7	74 800 c	70.4	105.6	77 100 b	52.0
54.0	67.6	105.8	70 000 c	69.3	104.7	72 200 b	54.0
56.0	66.5	104.8	65 700 c	68.2	103.8	67 600 b	56.0
58.0	65.4	103.8	61 600 b	67.1	102.8	63 500 b	58.0
60.0	64.2	102.8	57 800 b	65.9	101.7	59 600 b	60.0
62.0	63.1	101.7	54 300 b	64.7	100.6	56 000 b	62.0
64.0	61.9	100.5	51 100 b	63.6	99.5	52 600 b	64.0
66.0	60.7	99.3	48 000 b	62.4	98.2	49 500 b	66.0
68.0	59.5	98.1	45 200 b	61.2	97.0	46 500 b	68.0
72.0	57.1	95.4	40 000 b	58.7	94.2	41 200 b	72.0
76.0	54.6	92.4	35 400 b	56.2	91.2	36 400 b	76.0
80.0	52.0	89.2	31 000 *b	53.5	88.0	32 100 b	80.0
84.0	49.3	85.6	26 500 *b	50.8	84.3	27 600 *b	84.0
88.0	46.5	81.7	22 500 *b	47.9	80.4	23 400 *	88.0
92.0	43.5	77.4	18 800 *b	44.9	75.9	19 500 *	92.0
96.0	40.3	72.5	15 400 *	41.7	71.0	16 000 *	96.0
100.0	36.9	67.1	12 300 *	38.2	65.4	12 700 *	100.0
104.0	33.2	60.9	9 400 *				104.0
108.0	29.0	53.6	6 700 *				108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
99.1m (325 ft.) Boom							
30.5	80.8	121.4	136 300 *c				30.5
32.0	80.0	121.1	136 300 *c				32.0
34.0	79.1	120.6	136 300 *c				34.0
36.0	78.1	120.2	133 100 c	79.8	119.2	124 700 *c	36.0
38.0	77.1	119.6	123 500 c	78.8	118.6	123 600 *c	38.0
40.0	76.1	119.1	113 700 c	77.8	118.1	117 600 c	40.0
42.0	75.1	118.5	105 100 c	76.8	117.5	108 500 c	42.0
44.0	74.1	117.9	97 400 c	75.8	116.8	100 500 c	44.0
46.0	73.2	117.2	90 500 c	74.8	116.2	93 400 c	46.0
48.0	72.1	116.5	84 200 c	73.8	115.5	86 900 c	48.0
50.0	71.1	115.7	78 400 c	72.8	114.7	81 000 c	50.0
52.0	70.1	114.9	73 200 c	71.8	113.9	75 700 c	52.0
54.0	69.1	114.1	68 400 c	70.7	113.1	70 800 c	54.0
56.0	68.1	113.2	64 000 c	69.7	112.2	66 200 b	56.0
58.0	67.0	112.3	60 000 c	68.6	111.3	62 000 b	58.0

21.3m (70 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
99.1m (325 ft.) Boom							
60.0	66.0	111.3	56 200 c	67.6	110.3	58 100 b	60.0
62.0	64.9	110.3	52 700 c	66.5	109.3	54 500 b	62.0
64.0	63.9	109.3	49 400 c	65.4	108.2	51 200 b	64.0
66.0	62.8	108.2	46 400 c	64.3	107.1	48 000 b	66.0
68.0	61.7	107.0	43 600 b	63.2	105.9	45 100 b	68.0
72.0	59.5	104.6	38 400 b	61.0	103.4	39 700 b	72.0
76.0	57.2	101.9	33 800 b	58.7	100.7	35 000 b	76.0
80.0	54.8	99.0	29 000 *b	56.3	97.8	30 500 *b	80.0
84.0	52.4	95.8	24 500 *b	53.9	94.5	25 800 *b	84.0
88.0	49.9	92.3	20 500 *b	51.3	91.0	21 500 *b	88.0
92.0	47.3	88.5	16 800 *b	48.7	87.1	17 700 *b	92.0
96.0	44.6	84.3	13 400 *b	45.9	82.9	14 200 *b	96.0
100.0	41.7	79.7	10 300 *b	43.0	78.2	10 900 *	100.0
104.0	38.6	74.6	7 400 *	39.8	73.0	7 900 *	104.0
108.0	35.3	68.8	4 800 *	36.4	67.1	5 100 *	108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
21.3	80.9	64.2	168 100 *c				21.3
22.0	80.2	64.1	167 600 *c				22.0
24.0	78.4	63.5	166 000 *c				24.0
26.0	76.5	62.9	164 500 *c	80.4	62.1	127 000 *c	26.0
28.0	74.6	62.2	162 000 *c	78.5	61.4	119 900 *b	28.0
30.0	72.6	61.5	153 400 *c	76.5	60.6	113 700 *b	30.0
32.0	70.7	60.6	143 400 *b	74.5	59.8	108 000 *b	32.0
34.0	68.7	59.7	135 000 *b	72.5	58.8	102 900 *b	34.0
36.0	66.7	58.7	127 500 *b	70.4	57.8	98 300 *b	36.0
38.0	64.6	57.6	120 700 *b	68.3	56.7	94 100 *b	38.0
40.0	62.5	56.4	114 700 *b	66.2	55.5	90 300 *b	40.0
42.0	60.4	55.1	109 200 *b	64.0	54.2	86 800 *b	42.0
44.0	58.1	53.7	104 300 *b	61.8	52.7	83 600 *b	44.0
46.0	55.9	52.2	99 800 *b	59.4	51.2	80 700 *b	46.0
48.0	53.5	50.5	95 600 *b	57.0	49.5	78 000 *	48.0
50.0	51.1	48.7	91 500	54.5	47.6	75 500 *	50.0
52.0	48.5	46.7	86 400	51.9	45.6	73 200 *	52.0
54.0	45.9	44.6	81 700	49.2	43.4	71 100 *	54.0
56.0	43.1	42.2	77 300	46.3	40.9	69 200 *	56.0
58.0	40.1	39.5	73 200	43.2	38.2	67 400 *	58.0
60.0	36.9	36.6	69 400	39.9	35.1	65 800 *	60.0
62.0	33.3	33.2	65 900	36.1	31.5	64 400 *	62.0
64.0	29.3	29.3	62 600				64.0

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
22.9	80.6	71.7	166 200 *c				22.9
24.0	79.7	71.4	165 500 *c				24.0
26.0	78.0	70.9	164 200 *c				26.0
28.0	76.3	70.3	163 000 *c	79.8	69.4	123 200 *c	28.0
30.0	74.6	69.6	160 500 *c	78.1	68.7	117 300 *b	30.0
32.0	72.9	68.9	152 200 *c	76.3	67.9	111 900 *b	32.0
34.0	71.1	68.0	143 800 *c	74.5	67.1	107 000 *b	34.0
36.0	69.4	67.2	136 200 *b	72.8	66.2	102 600 *b	36.0
38.0	67.6	66.2	129 400 *b	70.9	65.3	98 500 *b	38.0
40.0	65.8	65.2	123 200 b	69.1	64.2	94 800 *b	40.0
42.0	63.9	64.1	116 600 b	67.2	63.1	91 400 *b	42.0
44.0	62.1	62.9	108 700 b	65.3	61.9	88 200 *b	44.0
46.0	60.1	61.6	101 800 b	63.4	60.6	85 300 *b	46.0
48.0	58.2	60.2	95 600 b	61.4	59.1	82 500 *b	48.0
50.0	56.2	58.7	89 900 b	59.3	57.6	80 000 *b	50.0
52.0	54.1	57.1	84 800 b	57.2	56.0	77 700 *b	52.0
54.0	51.9	55.3	80 000 b	55.0	54.2	75 500 *	54.0
56.0	49.7	53.5	75 600	52.8	52.3	73 500 *	56.0
58.0	47.4	51.5	71 600	50.4	50.2	71 600	58.0
60.0	45.0	49.3	67 800	47.9	47.9	68 700	60.0
62.0	42.5	46.9	64 300	45.3	45.5	65 000	62.0
64.0	39.9	44.2	61 100	42.6	42.8	61 700	64.0
66.0	37.0	41.3	58 000	39.6	39.7	58 500	66.0
68.0	33.9	38.0	55 100				68.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
24.4	80.4	79.1	164 500 *c				24.4
26.0	79.2	78.7	163 700 *c				26.0
28.0	77.7	78.2	162 600 *c				28.0
30.0	76.2	77.6	161 600 *c	79.3	76.7	121 400 *c	30.0
32.0	74.6	76.9	160 600 *c	77.7	76.0	116 200 *c	32.0
34.0	73.1	76.2	153 200 *c	76.2	75.3	111 400 *b	34.0
36.0	71.5	75.4	144 000 c	74.6	74.5	107 100 *b	36.0
38.0	69.9	74.6	132 900 c	73.0	73.6	103 100 *b	38.0
40.0	68.3	73.7	123 300 b	71.3	72.7	99 400 *b	40.0
42.0	66.7	72.7	114 800 b	69.7	71.7	95 900 *b	42.0
44.0	65.1	71.7	107 100 b	68.0	70.6	92 800 *b	44.0
46.0	63.4	70.5	100 200 b	66.3	69.5	89 800 *b	46.0
48.0	61.7	69.3	94 000 b	64.6	68.3	87 100 *b	48.0
50.0	60.0	68.1	88 300 b	62.8	67.0	84 500 *b	50.0
52.0	58.2	66.7	83 100 b	61.0	65.6	82 100 *b	52.0
54.0	56.4	65.2	78 300 b	59.2	64.1	79 500 b	54.0
56.0	54.5	63.6	73 900 b	57.3	62.5	75 300 b	56.0
58.0	52.6	62.0	69 900 b	55.4	60.8	71 000 b	58.0
60.0	50.7	60.2	66 100 b	53.4	58.9	67 200	60.0
62.0	48.6	58.2	62 600	51.3	57.0	63 600	62.0
64.0	46.5	56.2	59 300	49.2	54.8	60 200	64.0
66.0	44.4	53.9	56 300	46.9	52.6	57 100	66.0
68.0	42.1	51.5	53 400	44.6	50.1	54 100	68.0
72.0	37.1	46.0	48 200	39.4	44.4	48 600	72.0
76.0	31.4	39.3	43 400				76.0

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
25.9	80.2	86.6	162 700 *c				25.9
26.0	80.2	86.6	162 700 *c				26.0
28.0	78.8	86.1	161 700 *c				28.0
30.0	77.4	85.5	160 800 *c	80.3	84.6	125 900 *c	30.0
32.0	76.0	84.9	159 800 *c	78.9	84.0	120 800 *c	32.0
34.0	74.6	84.3	155 600 c	77.5	83.3	116 100 *c	34.0
36.0	73.2	83.6	142 100 c	76.0	82.6	111 800 *b	36.0
38.0	71.8	82.8	131 200 c	74.6	81.8	107 800 *b	38.0
40.0	70.4	82.0	121 600 c	73.1	81.0	104 100 *b	40.0
42.0	68.9	81.1	113 000 c	71.7	80.1	100 700 *b	42.0
44.0	67.5	80.2	105 300 b	70.2	79.2	97 500 *b	44.0
46.0	66.0	79.2	98 500 b	68.7	78.2	94 500 *b	46.0
48.0	64.5	78.1	92 200 b	67.2	77.1	91 700 *b	48.0
50.0	62.9	77.0	86 500 b	65.6	75.9	88 300 b	50.0
52.0	61.4	75.8	81 300 b	64.0	74.7	83 100 b	52.0
54.0	59.8	74.5	76 600 b	62.4	73.4	78 200 b	54.0
56.0	58.2	73.2	72 200 b	60.8	72.0	73 700 b	56.0
58.0	56.6	71.7	68 100 b	59.1	70.6	69 500 b	58.0
60.0	54.9	70.2	64 400 b	57.4	69.0	65 700 b	60.0
62.0	53.2	68.5	60 900 b	55.7	67.3	62 100 b	62.0
64.0	51.4	66.8	57 600 b	53.9	65.6	58 700 b	64.0
66.0	49.6	65.0	54 600 b	52.0	63.7	55 600	66.0
68.0	47.7	63.0	51 700 b	50.1	61.7	52 600	68.0
72.0	43.8	58.6	46 500	46.1	57.2	47 200	72.0
76.0	39.5	53.6	41 800	41.7	52.0	42 400	76.0
80.0	34.8	47.6	37 700	36.7	45.8	38 000	80.0
84.0	29.2	40.3	33 800				84.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
25.9	81.0	94.4	160 400 *c				25.9
26.0	81.0	94.4	160 400 *c				26.0
28.0	79.7	93.9	159 600 *c				28.0
30.0	78.5	93.4	158 800 *c				30.0
32.0	77.2	92.9	157 900 *c	79.8	91.9	125 900 *c	32.0
34.0	75.9	92.3	154 100 c	78.5	91.3	121 200 *c	34.0
36.0	74.6	91.7	140 600 c	77.2	90.6	116 900 *c	36.0
38.0	73.4	91.0	129 600 c	75.9	89.9	112 800 *c	38.0
40.0	72.1	90.2	120 000 c	74.6	89.2	109 100 *c	40.0
42.0	70.7	89.4	111 400 c	73.3	88.4	105 600 *b	42.0
44.0	69.4	88.6	103 700 c	71.9	87.5	102 400 *b	44.0
46.0	68.1	87.7	96 800 c	70.6	86.6	99 000 b	46.0
48.0	66.7	86.7	90 600 c	69.2	85.7	92 900 b	48.0
50.0	65.4	85.7	84 800 b	67.8	84.6	86 900 b	50.0
52.0	64.0	84.6	79 600 b	66.4	83.5	81 600 b	52.0
54.0	62.6	83.5	74 900 b	65.0	82.4	76 700 b	54.0
56.0	61.1	82.3	70 500 b	63.5	81.1	72 200 b	56.0
58.0	59.7	81.0	66 500 b	62.1	79.8	68 000 b	58.0
60.0	58.2	79.7	62 700 b	60.6	78.5	64 200 b	60.0
62.0	56.7	78.2	59 200 b	59.1	77.0	60 600 b	62.0
64.0	55.2	76.7	55 900 b	57.5	75.5	57 200 b	64.0
66.0	53.6	75.1	52 900 b	55.9	73.9	54 100 b	66.0
68.0	52.0	73.4	50 000 b	54.3	72.1	51 100 b	68.0
72.0	48.7	69.7	44 900 b	50.9	68.4	45 700 b	72.0
76.0	45.2	65.6	40 200 b	47.3	64.2	41 000	76.0
80.0	41.4	60.9	36 000	43.4	59.3	36 600	80.0
84.0	37.3	55.4	32 300	39.2	53.7	32 800	84.0
88.0	32.7	49.0	28 600 *				88.0
92.0	27.3	41.2	24 700 *				92.0

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
27.4	80.8	101.8	157 800 *c				27.4
28.0	80.5	101.7	157 600 *c				28.0
30.0	79.4	101.3	156 900 *c				30.0
32.0	78.2	100.8	156 100 *c				32.0
34.0	77.0	100.2	152 900 c	79.4	99.2	122 600 *c	34.0
36.0	75.8	99.6	139 300 c	78.2	98.6	118 500 *c	36.0
38.0	74.7	99.0	128 300 c	77.0	98.0	114 700 *c	38.0
40.0	73.5	98.3	118 600 c	75.8	97.3	111 100 *c	40.0
42.0	72.3	97.6	110 000 c	74.6	96.5	107 700 *c	42.0
44.0	71.1	96.8	102 300 c	73.4	95.8	104 600 *c	44.0
46.0	69.8	96.0	95 400 c	72.2	94.9	98 000 b	46.0
48.0	68.6	95.1	89 100 c	70.9	94.1	91 600 b	48.0
50.0	67.4	94.2	83 400 c	69.7	93.1	85 700 b	50.0
52.0	66.1	93.2	78 200 c	68.4	92.1	80 300 b	52.0
54.0	64.8	92.2	73 400 c	67.1	91.1	75 400 b	54.0
56.0	63.5	91.1	69 000 b	65.8	90.0	70 900 b	56.0
58.0	62.2	90.0	64 900 b	64.5	88.8	66 700 b	58.0
60.0	60.9	88.8	61 100 b	63.1	87.6	62 800 b	60.0
62.0	59.6	87.5	57 600 b	61.8	86.3	59 200 b	62.0
64.0	58.2	86.1	54 300 b	60.4	84.9	55 800 b	64.0
66.0	56.8	84.7	51 300 b	59.0	83.5	52 700 b	66.0
68.0	55.4	83.2	48 400 b	57.6	82.0	49 700 b	68.0
72.0	52.5	80.0	43 200 b	54.6	78.7	44 300 b	72.0
76.0	49.5	76.5	38 600 b	51.5	75.1	39 500 b	76.0
80.0	46.3	72.5	34 400 b	48.3	71.0	35 200 b	80.0
84.0	42.9	68.0	30 600 *	44.8	66.5	31 300	84.0
88.0	39.3	63.0	26 500 *	41.1	61.3	27 200 *	88.0
92.0	35.3	57.1	22 800 *	37.0	55.3	23 300 *	92.0
96.0	30.8	50.3	19 300 *				96.0
100.0	25.6	41.9	16 100 *				100.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
29.0	80.7	109.3	147 500 *c				29.0
30.0	80.1	109.1	145 900 *c				30.0
32.0	79.0	108.6	142 900 *c				32.0
34.0	77.9	108.1	140 000 *c	80.2	107.1	118 600 *c	34.0
36.0	76.9	107.6	136 400 c	79.1	106.5	116 800 *b	36.0
38.0	75.8	107.0	127 300 c	78.0	105.9	115 000 *b	38.0
40.0	74.7	106.4	117 400 c	76.9	105.3	112 400 *b	40.0
42.0	73.6	105.7	108 800 c	75.8	104.6	109 200 *b	42.0
44.0	72.4	105.0	101 100 c	74.6	103.9	104 100 b	44.0
46.0	71.3	104.2	94 200 c	73.5	103.1	97 000 b	46.0
48.0	70.2	103.4	87 900 b	72.4	102.3	90 500 b	48.0
50.0	69.0	102.6	82 200 b	71.2	101.5	84 600 b	50.0
52.0	67.9	101.7	77 000 b	70.0	100.6	79 300 b	52.0
54.0	66.7	100.7	72 200 b	68.9	99.6	74 300 b	54.0
56.0	65.6	99.7	67 800 b	67.7	98.6	69 800 b	56.0
58.0	64.4	98.7	63 700 b	66.5	97.5	65 600 b	58.0
60.0	63.2	97.6	59 900 b	65.3	96.4	61 700 b	60.0
62.0	62.0	96.4	56 500 b	64.0	95.3	58 100 b	62.0
64.0	60.7	95.2	53 200 b	62.8	94.0	54 800 b	64.0
66.0	59.5	94.0	50 200 b	61.5	92.8	51 600 b	66.0
68.0	58.2	92.6	47 300 b	60.2	91.4	48 700 b	68.0
72.0	55.6	89.8	42 100 b	57.6	88.5	43 300 b	72.0
76.0	53.0	86.6	37 500 b	54.9	85.3	38 500	76.0
80.0	50.2	83.1	33 300	52.1	81.8	34 200	80.0
84.0	47.3	79.3	29 200 *	49.1	77.8	30 300 *	84.0
88.0	44.2	75.0	25 100 *	46.0	73.5	26 000 *	88.0
92.0	40.9	70.2	21 400 *	42.6	68.6	22 200 *	92.0
96.0	37.4	64.9	18 100 *	39.0	63.1	18 600 *	96.0
100.0	33.5	58.7	14 900 *				100.0
104.0	29.2	51.4	12 000 *				104.0

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
30.5	80.5	116.8	142 700 *c				30.5
32.0	79.8	116.4	141 000 *c				32.0
34.0	78.8	116.0	138 700 *c				34.0
36.0	77.7	115.5	135 300 c	79.8	114.4	117 200 *c	36.0
38.0	76.7	114.9	125 800 c	78.8	113.8	115 800 *c	38.0
40.0	75.7	114.3	115 900 c	77.8	113.3	114 400 *b	40.0
42.0	74.7	113.7	107 300 c	76.7	112.6	111 000 b	42.0
44.0	73.6	113.1	99 500 c	75.7	112.0	102 800 b	44.0
46.0	72.6	112.4	92 600 c	74.6	111.3	95 600 b	46.0
48.0	71.6	111.6	86 300 c	73.6	110.5	89 100 b	48.0
50.0	70.5	110.8	80 600 c	72.5	109.7	83 200 b	50.0
52.0	69.4	110.0	75 300 b	71.4	108.9	77 900 b	52.0
54.0	68.4	109.1	70 500 b	70.4	108.0	72 900 b	54.0
56.0	67.3	108.2	66 100 b	69.3	107.1	68 300 b	56.0
58.0	66.2	107.3	62 100 b	68.2	106.1	64 100 b	58.0
60.0	65.1	106.2	58 300 b	67.1	105.1	60 200 b	60.0
62.0	64.0	105.2	54 800 b	65.9	104.0	56 600 b	62.0
64.0	62.9	104.1	51 500 b	64.8	102.9	53 300 b	64.0
66.0	61.7	102.9	48 500 b	63.7	101.7	50 100 b	66.0
68.0	60.6	101.7	45 600 b	62.5	100.5	47 100 b	68.0
72.0	58.2	99.1	40 400 b	60.1	97.9	41 800 b	72.0
76.0	55.8	96.3	35 800 b	57.7	95.0	37 000 b	76.0
80.0	53.3	93.2	31 600 b	55.2	91.8	32 700 b	80.0
84.0	50.8	89.8	27 100 *b	52.5	88.4	28 300 *	84.0
88.0	48.1	86.0	23 000 *	49.8	84.6	24 100 *	88.0
92.0	45.3	81.9	19 300 *	46.9	80.4	20 200 *	92.0
96.0	42.3	77.4	15 900 *	43.9	75.8	16 700 *	96.0
100.0	39.1	72.3	12 800 *	40.7	70.6	13 300 *	100.0
104.0	35.7	66.6	9 900 *	37.1	64.7	10 300 *	104.0
108.0	31.9	60.1	7 200 *				108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
99.1m (325 ft.) Boom							
32.0	80.4	124.2	127 000 *c				32.0
34.0	79.5	123.8	127 000 *c				34.0
36.0	78.5	123.3	127 000 *c	80.5	122.2	115 900 *c	36.0
38.0	77.6	122.8	123 800 c	79.5	121.7	115 100 *c	38.0
40.0	76.6	122.3	114 400 c	78.6	121.2	114 000 c	40.0
42.0	75.6	121.7	105 700 c	77.6	120.6	110 100 c	42.0
44.0	74.7	121.1	98 000 c	76.6	120.0	101 400 c	44.0
46.0	73.7	120.4	91 000 c	75.6	119.3	94 200 c	46.0
48.0	72.7	119.7	84 700 c	74.7	118.6	87 700 b	48.0
50.0	71.8	119.0	79 000 c	73.7	117.9	81 800 b	50.0
52.0	70.8	118.2	73 700 c	72.7	117.1	76 400 b	52.0
54.0	69.8	117.4	68 900 c	71.7	116.3	71 500 b	54.0
56.0	68.8	116.6	64 500 c	70.6	115.4	66 900 b	56.0
58.0	67.8	115.7	60 500 c	69.6	114.5	62 700 b	58.0
60.0	66.7	114.7	56 700 b	68.6	113.6	58 800 b	60.0

24.4m (80 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
99.1m (325 ft.) Boom							
62.0	65.7	113.8	53 200 b	67.6	112.6	55 200 b	62.0
64.0	64.7	112.7	49 900 b	66.5	111.6	51 800 b	64.0
66.0	63.6	111.7	46 800 b	65.5	110.5	48 600 b	66.0
68.0	62.6	110.6	44 000 b	64.4	109.4	45 700 b	68.0
72.0	60.4	108.2	38 800 b	62.2	107.0	40 300 b	72.0
76.0	58.2	105.6	34 100 b	60.0	104.3	35 500 b	76.0
80.0	56.0	102.8	29 500 *b	57.7	101.5	31 100 b	80.0
84.0	53.7	99.7	25 000 *b	55.4	98.4	26 500 *b	84.0
88.0	51.3	96.4	20 900 *b	52.9	95.0	22 200 *b	88.0
92.0	48.8	92.8	17 200 *b	50.4	91.3	18 400 *	92.0
96.0	46.2	88.8	13 900 *	47.8	87.3	14 800 *	96.0
100.0	43.4	84.4	10 800 *	45.0	82.8	11 600 *	100.0
104.0	40.6	79.6	7 900 *	42.0	77.9	8 500 *	104.0
108.0	37.5	74.3	5 200 *	38.9	72.4	5 700 *	108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
24.4	80.0	69.7	145 200 *c				24.4
26.0	78.7	69.3	143 900 *c				26.0
28.0	76.9	68.6	142 500 *c				28.0
30.0	75.2	68.0	140 700 *b	79.3	67.1	107 700 *b	30.0
32.0	73.4	67.2	133 300 *b	77.5	66.3	102 000 *b	32.0
34.0	71.6	66.4	125 200 *b	75.7	65.5	96 900 *b	34.0
36.0	69.8	65.5	118 000 *b	73.8	64.6	92 400 *b	36.0
38.0	68.0	64.5	111 600 *b	72.0	63.6	88 200 *b	38.0
40.0	66.1	63.4	105 800 *b	70.1	62.5	84 400 *b	40.0
42.0	64.2	62.3	100 600 *b	68.1	61.4	80 900 *	42.0
44.0	62.3	61.1	95 900 *b	66.2	60.1	77 700 *	44.0
46.0	60.3	59.7	91 600 *	64.2	58.7	74 800 *	46.0
48.0	58.3	58.3	87 600 *	62.1	57.3	72 100 *	48.0
50.0	56.2	56.7	84 000 *	60.0	55.7	69 600 *	50.0
52.0	54.0	55.1	80 700 *	57.8	54.0	67 300 *	52.0
54.0	51.8	53.3	77 600 *	55.5	52.2	65 100 *	54.0
56.0	49.5	51.3	74 700 *	53.2	50.2	63 100 *	56.0
58.0	47.1	49.2	72 000 *	50.7	48.0	61 300 *	58.0
60.0	44.6	46.9	69 600 *	48.1	45.6	59 600 *	60.0
62.0	41.9	44.3	67 200	45.4	43.0	58 000 *	62.0
64.0	39.1	41.5	64 100	42.4	40.1	56 600 *	64.0
66.0	36.0	38.4	61 100	39.2	36.8	55 200 *	66.0
68.0	32.7	34.9	58 200	35.7	33.1	54 000 *	68.0

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
25.9	79.9	77.2	143 600 *c				25.9
26.0	79.8	77.1	143 500 *c				26.0
28.0	78.3	76.6	142 300 *c				28.0
30.0	76.7	76.0	141 100 *b				30.0
32.0	75.1	75.3	139 900 *b	78.8	74.4	105 000 *b	32.0
34.0	73.6	74.6	132 400 *b	77.2	73.6	100 200 *b	34.0
36.0	72.0	73.8	125 200 *b	75.6	72.8	95 800 *b	36.0
38.0	70.3	72.9	118 700 *b	73.9	72.0	91 800 *b	38.0
40.0	68.7	72.0	112 800 *b	72.3	71.0	88 100 *b	40.0
42.0	67.0	71.0	107 600 *b	70.6	70.0	84 700 *b	42.0
44.0	65.4	69.9	102 700 *b	68.9	68.9	81 600 *b	44.0
46.0	63.6	68.7	98 300 *b	67.1	67.7	78 700 *b	46.0
48.0	61.9	67.5	94 200 *b	65.4	66.5	76 000 *	48.0
50.0	60.1	66.2	90 500 *	63.5	65.1	73 500 *	50.0
52.0	58.3	64.8	86 100	61.7	63.7	71 100 *	52.0
54.0	56.4	63.3	81 300	59.8	62.2	69 000 *	54.0
56.0	54.5	61.6	77 000	57.8	60.5	67 000 *	56.0
58.0	52.5	59.9	72 900	55.8	58.7	65 100 *	58.0
60.0	50.5	58.0	69 200	53.8	56.8	63 300 *	60.0
62.0	48.4	56.0	65 700	51.6	54.8	61 700 *	62.0
64.0	46.2	53.9	62 500	49.4	52.6	60 100 *	64.0
66.0	43.9	51.5	59 400	47.0	50.2	58 700 *	66.0
68.0	41.5	49.0	56 500	44.5	47.6	57 100	68.0
72.0	36.3	43.2	51 300	39.1	41.5	51 800	72.0
76.0	30.1	35.8	46 600				76.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
25.9	80.8	85.0	142 800 *c				25.9
26.0	80.7	85.0	142 700 *c				26.0
28.0	79.4	84.5	141 700 *c				28.0
30.0	78.0	83.9	140 600 *c				30.0
32.0	76.5	83.3	139 600 *c	79.9	82.4	108 500 *b	32.0
34.0	75.1	82.7	138 200 *c	78.4	81.7	103 800 *b	34.0
36.0	73.7	81.9	133 300 *b	77.0	81.0	99 500 *b	36.0
38.0	72.2	81.2	126 300 *b	75.5	80.2	95 600 *b	38.0
40.0	70.8	80.3	120 300 *b	74.0	79.3	92 000 *b	40.0
42.0	69.3	79.4	114 800 *b	72.5	78.4	88 600 *b	42.0
44.0	67.8	78.5	108 500 b	71.0	77.5	85 500 *b	44.0
46.0	66.3	77.5	101 600 b	69.5	76.4	82 600 *b	46.0
48.0	64.7	76.4	95 300 b	67.9	75.3	79 900 *b	48.0
50.0	63.2	75.2	89 600 b	66.3	74.1	77 400 *b	50.0
52.0	61.6	74.0	84 400 b	64.7	72.9	75 000 *b	52.0
54.0	59.9	72.7	79 700 b	63.0	71.5	72 800 *	54.0
56.0	58.3	71.3	75 300 b	61.4	70.1	70 700 *	56.0
58.0	56.6	69.8	71 200	59.6	68.6	68 800 *	58.0
60.0	54.9	68.2	67 500	57.9	67.0	67 000 *	60.0
62.0	53.1	66.5	64 000	56.1	65.3	65 000	62.0
64.0	51.3	64.7	60 700	54.2	63.5	61 900	64.0
66.0	49.4	62.8	57 700	52.3	61.5	58 700	66.0
68.0	47.5	60.7	54 800	50.3	59.4	55 800	68.0
72.0	43.4	56.2	49 600	46.1	54.7	50 400	72.0
76.0	38.9	50.9	44 900	41.5	49.3	45 500	76.0
80.0	33.8	44.6	40 700	36.2	42.7	41 100	80.0
84.0	27.8	36.6	36 900				84.0

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
27.4	80.6	92.4	140 900 *c				27.4
28.0	80.3	92.3	140 700 *c				28.0
30.0	79.0	91.8	139 700 *c				30.0
32.0	77.7	91.3	138 800 *c				32.0
34.0	76.4	90.7	137 800 *c	79.4	89.6	107 800 *b	34.0
36.0	75.1	90.0	136 900 *c	78.1	89.0	103 600 *b	36.0
38.0	73.8	89.3	132 500 b	76.8	88.3	99 700 *b	38.0
40.0	72.4	88.5	123 000 b	75.4	87.5	96 000 *b	40.0
42.0	71.1	87.7	114 400 b	74.1	86.7	92 700 *b	42.0
44.0	69.8	86.9	106 700 b	72.7	85.8	89 600 *b	44.0
46.0	68.4	86.0	99 800 b	71.3	84.9	86 600 *b	46.0
48.0	67.0	85.0	93 500 b	69.9	83.9	83 900 *b	48.0
50.0	65.6	83.9	87 800 b	68.5	82.9	81 400 *b	50.0
52.0	64.2	82.8	82 600 b	67.1	81.7	79 000 *b	52.0
54.0	62.7	81.7	77 900 b	65.6	80.6	76 700 *b	54.0
56.0	61.3	80.4	73 500 b	64.1	79.3	74 600 *b	56.0
58.0	59.8	79.1	69 400 b	62.6	78.0	71 200	58.0
60.0	58.3	77.7	65 700 b	61.1	76.6	67 300	60.0
62.0	56.8	76.3	62 200	59.5	75.1	63 700	62.0
64.0	55.2	74.7	58 900	57.9	73.5	60 300	64.0
66.0	53.6	73.1	55 900	56.3	71.8	57 200	66.0
68.0	51.9	71.3	53 000	54.6	70.1	54 200	68.0
72.0	48.5	67.5	47 800	51.1	66.2	48 800	72.0
76.0	44.9	63.2	43 200	47.4	61.8	44 000	76.0
80.0	40.9	58.3	39 100	43.4	56.7	39 700	80.0
84.0	36.6	52.6	35 300	38.9	50.8	35 800	84.0
88.0	31.7	45.8	31 800				88.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
29.0	80.5	99.9	138 200 *c				29.0
30.0	79.8	99.6	137 900 *c				30.0
32.0	78.7	99.1	137 100 *c				32.0
34.0	77.5	98.6	136 300 *c	80.3	97.6	112 200 *b	34.0
36.0	76.3	98.0	135 500 *c	79.1	97.0	107 900 *b	36.0
38.0	75.1	97.4	130 900 c	77.8	96.3	104 000 *b	38.0
40.0	73.8	96.7	121 300 c	76.6	95.6	100 400 *b	40.0
42.0	72.6	95.9	112 800 b	75.4	94.9	97 000 *b	42.0
44.0	71.4	95.1	105 100 b	74.1	94.1	93 800 *b	44.0
46.0	70.1	94.3	98 100 b	72.9	93.2	90 900 *b	46.0
48.0	68.9	93.4	91 900 b	71.6	92.3	88 100 *b	48.0
50.0	67.6	92.5	86 200 b	70.3	91.4	85 500 *b	50.0
52.0	66.3	91.5	81 000 b	69.0	90.4	82 900 b	52.0
54.0	65.0	90.4	76 200 b	67.7	89.3	78 500 b	54.0
56.0	63.7	89.3	71 800 b	66.4	88.2	73 900 b	56.0
58.0	62.4	88.1	67 700 b	65.0	87.0	69 700 b	58.0
60.0	61.1	86.9	64 000 b	63.7	85.7	65 800 b	60.0
62.0	59.7	85.6	60 500 b	62.3	84.4	62 200 b	62.0
64.0	58.3	84.2	57 200 b	60.9	83.0	58 800	64.0
66.0	56.9	82.8	54 200 b	59.4	81.5	55 700	66.0
68.0	55.4	81.3	51 300 b	58.0	80.0	52 700	68.0
72.0	52.5	78.0	46 100	54.9	76.6	47 300	72.0
76.0	49.3	74.3	41 500	51.8	72.9	42 500	76.0
80.0	46.1	70.2	37 400	48.4	68.7	38 200	80.0
84.0	42.6	65.5	33 600	44.8	64.0	34 300	84.0
88.0	38.8	60.3	30 200	40.9	58.5	30 800	88.0
92.0	34.6	54.2	26 700 *	36.6	52.2	27 300 *	92.0
96.0	29.8	46.9	23 200 *				96.0

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
30.5	80.3	107.4	135 800 *c				30.5
32.0	79.5	107.0	135 300 *c				32.0
34.0	78.4	106.5	134 500 *c				34.0
36.0	77.3	105.9	133 800 *c	79.9	104.9	109 100 *b	36.0
38.0	76.2	105.3	129 700 c	78.8	104.3	105 400 *b	38.0
40.0	75.0	104.7	120 100 c	77.6	103.6	101 900 *b	40.0
42.0	73.9	104.0	111 500 c	76.5	102.9	98 700 *b	42.0
44.0	72.8	103.3	103 700 c	75.3	102.2	95 600 *b	44.0
46.0	71.6	102.5	96 800 c	74.2	101.4	92 800 *b	46.0
48.0	70.5	101.7	90 500 b	73.0	100.6	90 100 *b	48.0
50.0	69.3	100.9	84 800 b	71.8	99.7	87 200 b	50.0
52.0	68.2	99.9	79 500 b	70.7	98.8	82 100 b	52.0
54.0	67.0	99.0	74 700 b	69.5	97.8	77 100 b	54.0
56.0	65.8	98.0	70 300 b	68.3	96.8	72 600 b	56.0
58.0	64.6	96.9	66 200 b	67.0	95.7	68 400 b	58.0
60.0	63.4	95.8	62 500 b	65.8	94.6	64 500 b	60.0
62.0	62.1	94.6	58 900 b	64.5	93.4	60 800 b	62.0
64.0	60.9	93.4	55 700 b	63.3	92.2	57 400 b	64.0
66.0	59.6	92.1	52 600 b	62.0	90.8	54 300 b	66.0
68.0	58.3	90.7	49 700 b	60.7	89.5	51 300 b	68.0
72.0	55.7	87.8	44 500 b	58.0	86.5	45 900	72.0
76.0	52.9	84.5	39 900	55.2	83.2	41 100	76.0
80.0	50.1	81.0	35 700	52.3	79.6	36 800	80.0
84.0	47.1	77.0	32 000	49.2	75.5	32 900	84.0
88.0	43.9	72.6	28 300 *	46.0	71.0	29 300	88.0
92.0	40.5	67.7	24 600 *	42.5	66.0	25 500 *	92.0
96.0	36.8	62.1	21 200 *	38.7	60.2	21 900 *	96.0
100.0	32.7	55.5	18 000 *				100.0
104.0	28.1	47.8	15 100 *				104.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
32.0	80.2	114.8	126 700 *c				32.0
34.0	79.2	114.3	124 000 *c				34.0
36.0	78.1	113.8	121 500 *c				36.0
38.0	77.1	113.3	119 000 *c	79.5	112.2	101 100 *b	38.0
40.0	76.1	112.7	116 500 b	78.5	111.6	99 500 *b	40.0
42.0	75.0	112.1	110 700 b	77.4	110.9	98 000 *b	42.0
44.0	74.0	111.4	102 500 b	76.4	110.3	96 500 *b	44.0
46.0	72.9	110.7	95 600 b	75.3	109.6	94 100 *b	46.0
48.0	71.9	109.9	89 300 b	74.2	108.8	91 400 b	48.0
50.0	70.8	109.1	83 600 b	73.1	108.0	86 600 b	50.0
52.0	69.7	108.3	78 300 b	72.1	107.1	81 000 b	52.0
54.0	68.6	107.4	73 500 b	71.0	106.2	76 100 b	54.0
56.0	67.5	106.5	69 100 b	69.8	105.3	71 500 b	56.0
58.0	66.4	105.5	65 000 b	68.7	104.3	67 300 b	58.0
60.0	65.3	104.5	61 200 b	67.6	103.3	63 400 b	60.0
62.0	64.2	103.4	57 700 b	66.4	102.2	59 800	62.0
64.0	63.0	102.3	54 500 b	65.3	101.0	56 400	64.0
66.0	61.9	101.1	51 400 b	64.1	99.9	53 200	66.0
68.0	60.7	99.8	48 600 b	62.9	98.6	50 200	68.0
72.0	58.3	97.2	43 300	60.5	95.9	44 900	72.0
76.0	55.8	94.3	38 700	58.0	93.0	40 100	76.0
80.0	53.3	91.1	34 600	55.4	89.8	35 800	80.0
84.0	50.7	87.6	30 800	52.8	86.2	31 900	84.0
88.0	47.9	83.8	26 900 *	50.0	82.3	28 100 *	88.0
92.0	45.0	79.6	23 200 *	47.0	78.0	24 200 *	92.0
96.0	41.9	74.9	19 800 *	43.9	73.2	20 600 *	96.0
100.0	38.7	69.7	16 700 *	40.5	67.8	17 300 *	100.0
104.0	35.1	63.7	13 800 *	36.8	61.7	14 300 *	104.0
108.0	31.1	56.8	11 100 *				108.0
112.0	26.5	48.5	8 500 *				112.0

30.5m (100 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
32.0	80.8	122.6	124 800 *c				32.0
34.0	79.9	122.2	123 300 *c				34.0
36.0	78.9	121.7	121 300 *c				36.0
38.0	77.9	121.2	119 400 *c	80.2	120.0	102 000 *b	38.0
40.0	77.0	120.6	116 800 c	79.2	119.5	100 700 *b	40.0
42.0	76.0	120.0	108 900 b	78.2	118.9	99 500 *b	42.0
44.0	75.0	119.4	101 000 b	77.3	118.3	98 300 *b	44.0
46.0	74.0	118.7	94 000 b	76.3	117.6	96 700 b	46.0
48.0	73.0	118.0	87 700 b	75.3	116.9	91 200 b	48.0
50.0	72.0	117.3	82 000 b	74.3	116.2	85 100 b	50.0
52.0	71.0	116.5	76 700 b	73.3	115.4	79 700 b	52.0
54.0	70.0	115.7	71 900 b	72.2	114.5	74 700 b	54.0
56.0	69.0	114.8	67 500 b	71.2	113.7	70 100 b	56.0
58.0	68.0	113.9	63 400 b	70.2	112.8	65 900 b	58.0
60.0	67.0	113.0	59 600 b	69.1	111.8	62 000 b	60.0
62.0	65.9	112.0	56 100 b	68.1	110.8	58 300 b	62.0
64.0	64.9	111.0	52 800 b	67.0	109.7	54 900 b	64.0
66.0	63.8	109.9	49 700 b	65.9	108.6	51 800 b	66.0
68.0	62.7	108.7	46 900 b	64.8	107.5	48 800	68.0
72.0	60.5	106.3	41 600 b	62.6	105.0	43 300	72.0
76.0	58.3	103.7	37 000	60.4	102.4	38 500	76.0
80.0	56.0	100.8	32 900	58.0	99.5	34 200	80.0
84.0	53.6	97.7	28 800 *	55.6	96.3	30 300	84.0
88.0	51.2	94.3	24 700 *	53.1	92.8	26 200 *	88.0
92.0	48.6	90.6	21 000 *	50.6	89.1	22 300 *	92.0
96.0	46.0	86.5	17 600 *	47.8	84.9	18 700 *	96.0
100.0	43.2	82.0	14 500 *	45.0	80.3	15 400 *	100.0
104.0	40.2	77.0	11 600 *	41.9	75.3	12 300 *	104.0
108.0	37.0	71.5	8 900 *	38.6	69.6	9 500 *	108.0
112.0	33.5	65.2	6 400 *				112.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
25.9	79.7	75.7	127 900 *b				25.9
26.0	79.6	75.7	127 800 *b				26.0
28.0	78.0	75.1	126 400 *b				28.0
30.0	76.5	74.5	125 100 *b				30.0
32.0	74.9	73.8	123 900 *b	79.6	72.9	97 400 *b	32.0
34.0	73.2	73.0	118 300 *b	78.0	72.1	92 400 *b	34.0
36.0	71.6	72.2	111 100 *b	76.3	71.3	87 800 *b	36.0
38.0	69.9	71.3	104 800 *b	74.7	70.4	83 700 *b	38.0
40.0	68.3	70.4	99 200 *b	73.0	69.5	79 800 *	40.0
42.0	66.6	69.4	94 100 *	71.2	68.4	76 400 *	42.0
44.0	64.8	68.3	89 500 *	69.5	67.3	73 200 *	44.0
46.0	63.1	67.1	85 300 *	67.7	66.1	70 300 *	46.0
48.0	61.3	65.8	81 400 *	65.9	64.8	67 500 *	48.0
50.0	59.5	64.4	77 900 *	64.0	63.4	65 000 *	50.0
52.0	57.6	63.0	74 700 *	62.1	61.9	62 700 *	52.0
54.0	55.7	61.4	71 700 *	60.2	60.4	60 500 *	54.0
56.0	53.7	59.8	68 900 *	58.1	58.7	58 500 *	56.0
58.0	51.6	58.0	66 400 *	56.1	56.8	56 700 *	58.0
60.0	49.5	56.0	64 000 *	53.9	54.8	54 900 *	60.0
62.0	47.4	53.9	61 700 *	51.7	52.7	53 300 *	62.0
64.0	45.1	51.7	59 700 *	49.3	50.4	51 800 *	64.0
66.0	42.7	49.3	57 700 *	46.9	47.9	50 300 *	66.0
68.0	40.2	46.6	55 900 *	44.3	45.1	49 000 *	68.0
72.0	34.6	40.4	52 600 *	38.5	38.7	46 700 *	72.0
76.0	27.8	32.4	49 200				76.0

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
25.9	80.7	83.5	127 000 *c				25.9
26.0	80.6	83.5	127 000 *c				26.0
28.0	79.2	83.0	125 800 *c				28.0
30.0	77.7	82.4	124 600 *b				30.0
32.0	76.3	81.8	123 500 *b				32.0
34.0	74.9	81.1	122 200 *b	79.2	80.2	95 000 *b	34.0
36.0	73.4	80.4	117 600 *b	77.7	79.4	90 600 *b	36.0
38.0	71.9	79.6	110 900 *b	76.2	78.6	86 600 *b	38.0
40.0	70.4	78.8	105 200 *b	74.7	77.8	82 900 *b	40.0
42.0	68.9	77.9	100 100 *b	73.1	76.9	79 500 *	42.0
44.0	67.4	76.9	95 400 *b	71.6	75.9	76 400 *	44.0
46.0	65.8	75.8	91 100 *	70.0	74.8	73 500 *	46.0
48.0	64.2	74.7	87 200 *	68.4	73.7	70 900 *	48.0
50.0	62.6	73.5	83 600 *	66.8	72.5	68 400 *	50.0
52.0	61.0	72.3	80 200 *	65.1	71.2	66 100 *	52.0
54.0	59.3	70.9	77 100 *	63.5	69.8	63 900 *	54.0
56.0	57.7	69.5	74 200 *	61.7	68.4	61 900 *	56.0
58.0	55.9	68.0	71 500 *	60.0	66.8	60 000 *	58.0
60.0	54.1	66.3	69 100 *	58.2	65.1	58 200 *	60.0
62.0	52.3	64.6	66 400	56.3	63.4	56 600 *	62.0
64.0	50.5	62.7	63 200	54.4	61.5	55 000 *	64.0
66.0	48.5	60.8	60 200	52.4	59.5	53 500 *	66.0
68.0	46.5	58.6	57 300	50.4	57.3	52 200 *	68.0
72.0	42.2	53.9	52 100	46.0	52.4	49 700 *	72.0
76.0	37.5	48.4	47 500	41.1	46.7	47 500 *	76.0
80.0	32.1	41.6	43 300	35.5	39.6	43 800	80.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
27.4	80.5	91.0	125 100 *c				27.4
28.0	80.1	90.8	124 800 *c				28.0
30.0	78.8	90.3	123 800 *c				30.0
32.0	77.5	89.8	122 800 *b				32.0
34.0	76.2	89.2	121 800 *b	80.1	88.1	98 100 *b	34.0
36.0	74.8	88.5	120 900 *b	78.8	87.5	93 800 *b	36.0
38.0	73.5	87.8	117 600 *b	77.4	86.7	89 900 *b	38.0
40.0	72.2	87.0	111 800 *b	76.1	86.0	86 300 *b	40.0
42.0	70.8	86.2	106 500 *b	74.7	85.1	82 900 *b	42.0
44.0	69.4	85.3	101 700 *b	73.3	84.2	79 800 *b	44.0
46.0	68.0	84.4	97 300 *b	71.9	83.3	77 000 *b	46.0
48.0	66.6	83.4	93 200 *b	70.5	82.3	74 300 *	48.0
50.0	65.2	82.3	89 400 *b	69.0	81.2	71 800 *	50.0
52.0	63.7	81.2	85 200	67.5	80.1	69 500 *	52.0
54.0	62.3	80.0	80 400	66.1	78.9	67 300 *	54.0
56.0	60.8	78.7	76 000	64.5	77.6	65 300 *	56.0
58.0	59.3	77.4	71 900	63.0	76.2	63 400 *	58.0
60.0	57.7	76.0	68 200	61.4	74.8	61 500 *	60.0
62.0	56.1	74.5	64 700	59.8	73.2	59 900 *	62.0
64.0	54.5	72.9	61 400	58.2	71.6	58 200 *	64.0
66.0	52.9	71.2	58 400	56.5	69.9	56 700 *	66.0
68.0	51.2	69.4	55 500	54.8	68.1	55 300 *	68.0
72.0	47.7	65.5	50 300	51.2	64.1	51 500	72.0
76.0	43.9	61.0	45 700	47.3	59.5	46 600	76.0
80.0	39.8	55.9	41 600	43.1	54.3	42 300	80.0
84.0	35.2	49.9	37 800	38.4	48.0	38 400	84.0
88.0	30.0	42.7	34 300				88.0

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
29.0	80.3	98.4	123 000 *c				29.0
30.0	79.7	98.2	122 500 *c				30.0
32.0	78.5	97.7	121 600 *c				32.0
34.0	77.3	97.1	120 700 *c				34.0
36.0	76.1	96.5	119 800 *b	79.7	95.4	97 400 *b	36.0
38.0	74.8	95.8	118 900 *b	78.5	94.8	93 500 *b	38.0
40.0	73.6	95.1	117 600 *b	77.2	94.1	89 900 *b	40.0
42.0	72.4	94.4	113 700 *b	76.0	93.3	86 600 *b	42.0
44.0	71.1	93.6	107 400 b	74.7	92.5	83 500 *b	44.0
46.0	69.8	92.7	100 500 b	73.4	91.6	80 600 *b	46.0
48.0	68.6	91.8	94 200 b	72.1	90.7	77 900 *b	48.0
50.0	67.3	90.9	88 500 b	70.8	89.7	75 400 *b	50.0
52.0	66.0	89.9	83 400 b	69.5	88.7	73 000 *	52.0
54.0	64.7	88.8	78 600 b	68.2	87.6	70 800 *	54.0
56.0	63.3	87.7	74 200 b	66.8	86.5	68 700 *	56.0
58.0	62.0	86.5	70 100	65.4	85.3	66 800 *	58.0
60.0	60.6	85.2	66 400	64.0	84.0	64 900 *	60.0
62.0	59.2	83.9	62 900	62.6	82.6	63 200 *	62.0
64.0	57.8	82.5	59 600	61.2	81.2	61 300	64.0
66.0	56.3	81.0	56 600	59.7	79.7	58 200	66.0
68.0	54.8	79.4	53 700	58.2	78.1	55 300	68.0
72.0	51.8	76.0	48 600	55.1	74.7	49 900	72.0
76.0	48.6	72.3	43 900	51.8	70.8	45 100	76.0
80.0	45.2	68.0	39 800	48.4	66.5	40 800	80.0
84.0	41.6	63.3	36 100	44.6	61.6	36 900	84.0
88.0	37.6	57.8	32 700	40.6	55.9	33 300	88.0
92.0	33.2	51.3	29 600	36.0	49.2	30 000	92.0
96.0	28.1	43.5	26 500				96.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
29.0	81.0	106.2	120 900 *c				29.0
30.0	80.4	106.0	120 500 *c				30.0
32.0	79.3	105.5	119 800 *c				32.0
34.0	78.2	105.0	119 000 *c				34.0
36.0	77.1	104.4	118 200 *c	80.5	103.3	101 400 *b	36.0
38.0	76.0	103.8	117 500 *b	79.3	102.7	97 400 *b	38.0
40.0	74.8	103.2	116 600 *b	78.2	102.1	93 800 *b	40.0
42.0	73.7	102.5	113 500 b	77.0	101.4	90 500 *b	42.0
44.0	72.5	101.8	105 800 b	75.9	100.6	87 300 *b	44.0
46.0	71.4	101.0	98 800 b	74.7	99.8	84 400 *b	46.0
48.0	70.2	100.2	92 500 b	73.5	99.0	81 700 *b	48.0
50.0	69.0	99.3	86 800 b	72.3	98.1	79 100 *b	50.0
52.0	67.8	98.4	81 600 b	71.1	97.2	76 700 *b	52.0
54.0	66.6	97.4	76 800 b	69.9	96.2	74 500 *b	54.0
56.0	65.4	96.4	72 500 b	68.7	95.2	72 300 *b	56.0
58.0	64.2	95.3	68 400 b	67.4	94.1	70 300	58.0
60.0	63.0	94.1	64 600 b	66.2	92.9	66 900	60.0
62.0	61.7	92.9	61 100 b	64.9	91.7	63 200	62.0
64.0	60.4	91.7	57 900	63.6	90.4	59 800	64.0
66.0	59.1	90.4	54 800	62.3	89.1	56 700	66.0
68.0	57.8	89.0	52 000	60.9	87.7	53 700	68.0
72.0	55.1	86.0	46 800	58.2	84.6	48 300	72.0
76.0	52.3	82.7	42 200	55.4	81.2	43 500	76.0
80.0	49.4	79.0	38 000	52.4	77.5	39 200	80.0
84.0	46.3	74.9	34 300	49.2	73.4	35 400	84.0
88.0	43.0	70.4	31 000	45.9	68.7	31 800	88.0
92.0	39.5	65.3	27 700 *	42.3	63.5	28 600	92.0
96.0	35.7	59.4	24 300 *	38.3	57.4	25 100 *	96.0
100.0	31.4	52.6	21 200 *	33.9	50.3	21 800 *	100.0
104.0	26.4	44.2	18 200 *				104.0

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
32.0	80.1	113.3	117 500 *c				32.0
34.0	79.0	112.9	116 800 *c				34.0
36.0	78.0	112.3	116 000 *c				36.0
38.0	76.9	111.8	115 300 *c	80.1	110.6	98 500 *b	38.0
40.0	75.9	111.2	114 600 *c	79.0	110.0	95 000 *b	40.0
42.0	74.8	110.5	112 100 b	78.0	109.4	91 800 *b	42.0
44.0	73.8	109.9	104 500 b	76.9	108.7	88 800 *b	44.0
46.0	72.7	109.1	97 500 b	75.8	108.0	86 000 *b	46.0
48.0	71.6	108.4	91 200 b	74.7	107.2	83 400 *b	48.0
50.0	70.5	107.6	85 500 b	73.6	106.4	80 900 *b	50.0
52.0	69.4	106.7	80 200 b	72.5	105.5	78 600 *b	52.0
54.0	68.3	105.8	75 400 b	71.4	104.6	76 300 *b	54.0
56.0	67.2	104.9	71 000 b	70.3	103.7	73 600 b	56.0
58.0	66.1	103.9	66 900 b	69.1	102.7	69 500 b	58.0
60.0	65.0	102.8	63 100 b	68.0	101.6	65 500 b	60.0
62.0	63.8	101.8	59 600 b	66.8	100.5	61 900	62.0
64.0	62.6	100.6	56 300 b	65.6	99.3	58 500	64.0
66.0	61.5	99.4	53 300 b	64.4	98.1	55 300	66.0
68.0	60.3	98.1	50 400	63.2	96.8	52 400	68.0
72.0	57.8	95.5	45 200	60.8	94.1	47 000	72.0
76.0	55.3	92.5	40 600	58.2	91.1	42 100	76.0
80.0	52.7	89.3	36 400	55.6	87.8	37 800	80.0
84.0	50.0	85.7	32 700	52.8	84.2	33 900	84.0
88.0	47.2	81.8	29 300	50.0	80.2	30 400	88.0
92.0	44.2	77.4	25 600 *	46.9	75.8	26 900 *	92.0
96.0	41.1	72.6	22 200 *	43.7	70.8	23 300 *	96.0
100.0	37.7	67.2	19 100 *	40.2	65.2	20 000 *	100.0
104.0	34.0	61.0	16 200 *	36.3	58.8	16 900 *	104.0
108.0	29.8	53.7	13 500 *				108.0
112.0	24.9	44.8	10 900 *				112.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
33.5	80.0	120.8	113 200 *c				33.5
34.0	79.7	120.7	112 600 *c				34.0
36.0	78.8	120.2	110 100 *b				36.0
38.0	77.8	119.7	107 800 *b				38.0
40.0	76.8	119.1	105 600 *b	79.8	117.9	89 600 *b	40.0
42.0	75.8	118.5	103 500 *b	78.8	117.3	88 100 *b	42.0
44.0	74.8	117.9	101 500 *b	77.8	116.7	86 700 *b	44.0
46.0	73.8	117.2	96 400 b	76.7	116.0	85 400 *b	46.0
48.0	72.8	116.5	90 000 b	75.7	115.3	84 100 *b	48.0
50.0	71.8	115.8	84 300 b	74.7	114.6	82 300 *b	50.0
52.0	70.8	115.0	79 000 b	73.7	113.8	79 900 *b	52.0
54.0	69.8	114.2	74 200 b	72.7	112.9	77 300	54.0
56.0	68.8	113.3	69 800 b	71.6	112.0	72 700	56.0
58.0	67.7	112.4	65 700 b	70.6	111.1	68 400	58.0
60.0	66.7	111.4	61 900 b	69.5	110.1	64 500	60.0
62.0	65.6	110.4	58 400	68.4	109.1	60 900	62.0
64.0	64.5	109.3	55 100	67.3	108.0	57 500	64.0
66.0	63.5	108.2	52 100	66.3	106.9	54 300	66.0
68.0	62.4	107.1	49 200	65.2	105.8	51 300	68.0
72.0	60.2	104.6	44 000	62.9	103.3	45 900	72.0
72.0	60.2	104.6	44 000	62.9	103.3	45 900	72.0
76.0	57.9	101.9	39 400	60.6	100.6	41 000	76.0
80.0	55.5	99.0	35 200	58.2	97.6	36 700	80.0
84.0	53.1	95.8	31 500	55.8	94.4	32 900	84.0
88.0	50.6	92.4	27 800 *	53.2	90.8	29 300	88.0
92.0	48.0	88.6	24 100 *	50.6	86.9	25 600 *	92.0
96.0	45.3	84.4	20 700 *	47.8	82.7	22 000 *	96.0
100.0	42.4	79.8	17 600 *	44.8	78.0	18 700 *	100.0
104.0	39.3	74.7	14 800 *	41.7	72.7	15 600 *	104.0
108.0	36.0	68.9	12 100 *	38.3	66.8	12 800 *	108.0
112.0	32.4	62.3	9 600 *				112.0
116.0	28.3	54.6	7 200 *				116.0

36.6m (120 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
33.5	80.6	128.6	107 600 *c				33.5
34.0	80.4	128.5	107 600 *c				34.0
36.0	79.4	128.0	107 600 *c				36.0
38.0	78.5	127.5	107 600 *b				38.0
40.0	77.6	127.0	106 400 *b	80.4	125.8	90 800 *b	40.0
42.0	76.7	126.5	104 700 *b	79.5	125.3	89 600 *b	42.0
44.0	75.8	125.9	101 500 b	78.5	124.7	88 400 *b	44.0
46.0	74.8	125.3	94 800 b	77.6	124.0	87 300 *b	46.0
48.0	73.9	124.6	88 400 b	76.6	123.4	86 200 *b	48.0
50.0	72.9	123.9	82 700 b	75.7	122.7	84 600 *b	50.0
52.0	72.0	123.2	77 500 b	74.7	121.9	81 000 b	52.0
54.0	71.0	122.4	72 600 b	73.8	121.1	75 900 b	54.0
56.0	70.1	121.6	68 200 b	72.8	120.3	71 300 b	56.0
58.0	69.1	120.7	64 100 b	71.8	119.4	67 000	58.0
60.0	68.1	119.8	60 300 b	70.8	118.5	63 100	60.0
62.0	67.2	118.9	56 700 b	69.8	117.6	59 400	62.0
64.0	66.2	117.9	53 500 b	68.8	116.6	56 000	64.0
66.0	65.2	116.9	50 400 b	67.8	115.6	52 800	66.0
68.0	64.2	115.8	47 500	66.8	114.5	49 800	68.0
72.0	62.1	113.6	42 300	64.7	112.2	44 400	72.0
76.0	60.0	111.1	37 600	62.6	109.7	39 600	76.0
80.0	57.9	108.4	33 500	60.5	107.0	35 200	80.0
84.0	55.7	105.5	29 700 *	58.2	104.1	31 300	84.0
88.0	53.4	102.4	25 600 *	55.9	100.9	27 600 *	88.0
92.0	51.1	99.0	21 900 *	53.6	97.4	23 600 *	92.0
96.0	48.7	95.3	18 500 *	51.1	93.7	20 100 *	96.0
100.0	46.2	91.3	15 400 *	48.5	89.6	16 700 *	100.0
104.0	43.5	86.8	12 500 *	45.8	85.0	13 700 *	104.0
108.0	40.7	82.0	9 900 *	43.0	80.1	10 800 *	108.0
112.0	37.7	76.6	7 400 *	39.9	74.5	8 200 *	112.0
116.0				36.6	68.3	5 700 *	116.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
27.4	80.4	81.5	112 400 *b				27.4
28.0	80.0	81.4	111 700 *b				28.0
30.0	78.6	80.8	109 300 *b				30.0
32.0	77.1	80.2	107 100 *b				32.0
34.0	75.6	79.5	104 800 *b	80.3	78.6	86 400 *b	34.0
36.0	74.1	78.7	102 300 *b	78.8	77.8	82 000 *	36.0
38.0	72.6	77.9	97 300 *	77.3	77.0	78 000 *	38.0
40.0	71.1	77.1	91 900 *	75.7	76.2	74 400 *	40.0
42.0	69.5	76.1	87 200 *	74.1	75.2	71 100 *	42.0
44.0	68.0	75.1	82 800 *	72.5	74.2	68 000 *	44.0
46.0	66.4	74.1	78 900 *	70.9	73.1	65 200 *	46.0
48.0	64.7	72.9	75 300 *	69.3	72.0	62 600 *	48.0
50.0	63.1	71.7	72 000 *	67.6	70.7	60 300 *	50.0
52.0	61.4	70.4	68 900 *	65.9	69.4	58 000 *	52.0
54.0	59.7	69.0	66 100 *	64.2	68.0	55 900 *	54.0
56.0	58.0	67.5	63 500 *	62.4	66.5	54 000 *	56.0
58.0	56.2	66.0	61 100 *	60.6	64.9	52 200 *	58.0
60.0	54.4	64.3	58 800 *	58.8	63.2	50 500 *	60.0
62.0	52.5	62.5	56 700 *	56.8	61.4	48 900 *	62.0
64.0	50.5	60.6	54 700 *	54.9	59.4	47 400 *	64.0
66.0	48.5	58.5	52 900 *	52.8	57.3	46 000 *	66.0
68.0	46.4	56.3	51 100 *	50.7	55.0	44 800 *	68.0
72.0	42.0	51.3	48 000 *	46.1	49.9	42 400 *	72.0
76.0	37.0	45.4	45 200 *	40.9	43.9	40 300 *	76.0
80.0	31.1	38.2	42 700 *	34.8	36.2	38 500 *	80.0

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
29.0	80.3	89.0	110 100 *b				29.0
30.0	79.6	88.7	109 100 *b				30.0
32.0	78.2	88.1	107 000 *b				32.0
34.0	76.9	87.5	105 100 *b				34.0
36.0	75.5	86.8	103 200 *b	79.8	85.9	84 100 *	36.0
38.0	74.2	86.1	101 300 *b	78.4	85.1	80 200 *	38.0
40.0	72.8	85.3	96 900 *b	77.0	84.3	76 700 *	40.0
42.0	71.4	84.5	92 100 *	75.6	83.5	73 500 *	42.0
44.0	70.0	83.6	87 700 *	74.2	82.6	70 600 *	44.0
46.0	68.6	82.6	83 700 *	72.8	81.6	67 800 *	46.0
48.0	67.1	81.6	80 000 *	71.3	80.6	65 300 *	48.0
50.0	65.7	80.5	76 700 *	69.8	79.5	63 000 *	50.0
52.0	64.2	79.4	73 500 *	68.3	78.3	60 800 *	52.0
54.0	62.7	78.1	70 600 *	66.8	77.1	58 700 *	54.0
56.0	61.2	76.8	67 900 *	65.2	75.8	56 800 *	56.0
58.0	59.6	75.5	65 400 *	63.7	74.4	55 000 *	58.0
60.0	58.0	74.0	63 100 *	62.0	72.9	53 300 *	60.0
62.0	56.4	72.5	60 900 *	60.4	71.3	51 700 *	62.0
64.0	54.7	70.8	58 900 *	58.7	69.7	50 200 *	64.0
66.0	53.0	69.1	56 900 *	57.0	67.9	48 800 *	66.0
68.0	51.3	67.3	55 100 *	55.2	66.0	47 500 *	68.0
72.0	47.6	63.2	51 900 *	51.5	61.9	45 000 *	72.0
76.0	43.7	58.6	48 500	47.4	57.1	42 800 *	76.0
80.0	39.4	53.2	44 400	43.0	51.6	40 900 *	80.0
84.0	34.6	46.8	40 700	38.0	45.0	39 300 *	84.0
88.0	28.9	38.9	37 200				88.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
30.5	80.1	96.4	108 100 *b				30.5
32.0	79.2	96.0	106 800 *b				32.0
34.0	78.0	95.5	105 000 *b				34.0
36.0	76.7	94.8	103 300 *b				36.0
38.0	75.5	94.2	101 600 *b	79.4	93.1	82 900 *b	38.0
40.0	74.2	93.5	99 900 *b	78.1	92.4	79 400 *b	40.0
42.0	73.0	92.7	97 500 *b	76.8	91.6	76 300 *	42.0
44.0	71.7	91.9	93 000 *b	75.6	90.8	73 400 *	44.0
46.0	70.4	91.0	88 900 *b	74.2	89.9	70 700 *	46.0
48.0	69.1	90.1	85 100 *	72.9	89.0	68 200 *	48.0
50.0	67.8	89.1	81 600 *	71.6	88.0	65 800 *	50.0
52.0	66.4	88.1	78 400 *	70.2	87.0	63 600 *	52.0
54.0	65.1	87.0	75 400 *	68.9	85.9	61 600 *	54.0
56.0	63.7	85.8	72 600 *	67.5	84.7	59 600 *	56.0
58.0	62.3	84.6	70 000 *	66.1	83.4	57 800 *	58.0
60.0	60.9	83.3	67 500 *	64.7	82.1	56 100 *	60.0
62.0	59.5	81.9	65 300 *	63.2	80.8	54 500 *	62.0
64.0	58.0	80.5	62 500	61.7	79.3	52 900 *	64.0
66.0	56.6	79.0	59 400	60.2	77.8	51 500 *	66.0
68.0	55.0	77.4	56 600	58.7	76.1	50 200 *	68.0
72.0	51.9	73.9	51 400	55.5	72.6	47 600 *	72.0
76.0	48.6	70.0	46 800	52.1	68.6	45 400 *	76.0
80.0	45.1	65.6	42 600	48.5	64.1	43 300	80.0
84.0	41.3	60.6	38 900	44.6	59.0	39 700	84.0
88.0	37.2	54.9	35 500	40.4	53.1	36 200	88.0
92.0	32.5	48.1	32 400	35.5	45.9	32 900	92.0
96.0	26.9	39.6	29 400				96.0

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
30.5	80.9	104.2	107 300 *b				30.5
32.0	80.0	103.9	106 000 *b				32.0
34.0	78.9	103.4	104 500 *b				34.0
36.0	77.7	102.8	102 900 *b				36.0
38.0	76.6	102.2	101 400 *b	80.2	101.1	85 900 *b	38.0
40.0	75.4	101.5	99 800 *b	79.0	100.4	82 500 *b	40.0
42.0	74.3	100.8	98 300 *b	77.9	99.7	79 300 *b	42.0
44.0	73.1	100.1	96 900 *b	76.7	99.0	76 400 *	44.0
46.0	71.9	99.3	94 600 *b	75.5	98.2	73 700 *	46.0
48.0	70.7	98.4	90 500 *b	74.3	97.3	71 200 *	48.0
50.0	69.5	97.5	86 900 *	73.1	96.4	68 800 *	50.0
52.0	68.3	96.6	83 500	71.8	95.5	66 600 *	52.0
54.0	67.1	95.6	79 800	70.6	94.4	64 500 *	54.0
56.0	65.8	94.6	75 300	69.4	93.4	62 600 *	56.0
58.0	64.6	93.4	71 200	68.1	92.3	60 700 *	58.0
60.0	63.3	92.3	67 500	66.8	91.1	59 000 *	60.0
62.0	62.0	91.1	64 000	65.5	89.8	57 400 *	62.0
64.0	60.7	89.8	60 700	64.2	88.5	55 800 *	64.0
66.0	59.4	88.4	57 700	62.8	87.2	54 300 *	66.0
68.0	58.1	87.0	54 800	61.5	85.7	52 900 *	68.0
72.0	55.3	83.9	49 600	58.7	82.6	50 300 *	72.0
76.0	52.4	80.5	45 000	55.7	79.2	46 400	76.0
80.0	49.4	76.8	40 800	52.7	75.3	42 100	80.0
84.0	46.2	72.6	37 100	49.4	71.0	38 200	84.0
88.0	42.8	67.9	33 700	45.9	66.2	34 700	88.0
92.0	39.2	62.6	30 600	42.2	60.7	31 400	92.0
96.0	35.2	56.4	27 800	38.0	54.4	28 400	96.0
100.0	30.6	49.1	24 900 *				100.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
32.0	80.7	111.7	104 200 *c				32.0
34.0	79.6	111.2	102 900 *b				34.0
36.0	78.6	110.7	101 600 *b				36.0
38.0	77.5	110.1	100 200 *b				38.0
40.0	76.5	109.5	98 900 *b	79.8	108.4	85 700 *b	40.0
42.0	75.4	108.9	97 600 *b	78.7	107.7	82 600 *b	42.0
44.0	74.3	108.2	96 200 *b	77.7	107.0	79 700 *b	44.0
46.0	73.2	107.4	95 000 *b	76.5	106.3	77 000 *b	46.0
48.0	72.1	106.7	93 100 b	75.4	105.5	74 400 *b	48.0
50.0	71.0	105.8	88 200 b	74.3	104.7	72 000 *	50.0
52.0	69.9	105.0	82 800 b	73.2	103.8	69 800 *	52.0
54.0	68.8	104.1	78 000 b	72.1	102.9	67 700 *	54.0
56.0	67.6	103.1	73 600	70.9	101.9	65 600 *	56.0
58.0	66.5	102.1	69 500	69.8	100.9	63 800 *	58.0
60.0	65.3	101.0	65 700	68.6	99.8	62 000 *	60.0
62.0	64.2	99.9	62 200	67.4	98.7	60 300 *	62.0
64.0	63.0	98.7	59 000	66.2	97.5	58 700 *	64.0
66.0	61.8	97.5	55 900	65.0	96.2	57 200 *	66.0
68.0	60.6	96.2	53 000	63.7	94.9	55 200	68.0
72.0	58.1	93.5	47 800	61.2	92.2	49 700	72.0
76.0	55.5	90.5	43 200	58.6	89.1	44 900	76.0
80.0	52.9	87.1	39 100	55.9	85.7	40 600	80.0
84.0	50.1	83.5	35 400	53.1	82.0	36 700	84.0
88.0	47.2	79.5	32 000	50.1	77.9	33 200	88.0
92.0	44.1	75.0	28 900	47.0	73.3	29 900	92.0
96.0	40.8	70.0	25 800 *	43.6	68.2	26 900	96.0
100.0	37.3	64.3	22 700 *	40.0	62.3	23 600 *	100.0
104.0	33.4	57.8	19 800 *	35.9	55.6	20 500 *	104.0
108.0	28.9	50.0	17 100 *				108.0

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
33.5	80.6	119.1	101 100 *c				33.5
34.0	80.3	119.0	100 900 *c				34.0
36.0	79.3	118.5	99 700 *b				36.0
38.0	78.3	118.0	98 400 *b				38.0
40.0	77.3	117.5	97 300 *b	80.5	116.3	86 700 *b	40.0
42.0	76.3	116.9	96 100 *b	79.5	115.7	83 700 *b	42.0
44.0	75.3	116.2	94 900 *b	78.5	115.0	80 900 *b	44.0
46.0	74.3	115.5	93 700 *b	77.5	114.3	78 200 *b	46.0
48.0	73.3	114.8	91 800 b	76.4	113.6	75 800 *b	48.0
50.0	72.3	114.1	86 800 b	75.4	112.8	73 500 *b	50.0
52.0	71.3	113.2	81 400 b	74.4	112.0	71 300 *b	52.0
54.0	70.2	112.4	76 600 b	73.3	111.2	69 200 *	54.0
56.0	69.2	111.5	72 200 b	72.2	110.3	67 300 *	56.0
58.0	68.1	110.6	68 100 b	71.2	109.3	65 400 *	58.0
60.0	67.0	109.6	64 300 b	70.1	108.4	63 700 *	60.0
62.0	66.0	108.6	60 800	69.0	107.3	62 000 *	62.0
64.0	64.9	107.5	57 500	67.9	106.2	60 000	64.0
66.0	63.8	106.4	54 400	66.8	105.1	56 800	66.0
68.0	62.7	105.2	51 600	65.7	103.9	53 800	68.0
72.0	60.4	102.7	46 300	63.4	101.4	48 400	72.0
76.0	58.1	100.0	41 700	61.0	98.6	43 500	76.0
80.0	55.7	97.0	37 500	58.6	95.6	39 200	80.0
84.0	53.2	93.7	33 800	56.1	92.3	35 300	84.0
88.0	50.7	90.2	30 400	53.5	88.6	31 700	88.0
92.0	48.0	86.3	27 100 *	50.8	84.7	28 500	92.0
96.0	45.2	82.0	23 700 *	47.9	80.3	25 100 *	96.0
100.0	42.2	77.2	20 600 *	44.9	75.4	21 800 *	100.0
104.0	39.0	71.9	17 700 *	41.6	70.0	18 700 *	104.0
108.0	35.6	65.9	15 000 *	38.0	63.8	15 800 *	108.0
112.0	31.8	59.0	12 500 *				112.0
116.0	27.4	50.8	10 100 *				116.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
35.1	80.4	126.6	98 100 *b				35.1
36.0	80.0	126.4	97 700 *b				36.0
38.0	79.1	125.9	96 800 *b				38.0
40.0	78.1	125.4	94 800 *b				40.0
42.0	77.2	124.8	93 000 *b	80.2	123.6	77 600 *b	42.0
44.0	76.3	124.2	91 100 *b	79.2	123.0	76 700 *	44.0
46.0	75.3	123.6	89 400 *b	78.3	122.3	75 800 *	46.0
48.0	74.4	122.9	87 700 *b	77.3	121.7	74 700 *	48.0
50.0	73.4	122.2	85 300 b	76.3	120.9	73 700 *	50.0
52.0	72.4	121.4	80 300 b	75.4	120.2	72 300 *	52.0
54.0	71.5	120.6	75 500	74.4	119.4	70 300 *	54.0
56.0	70.5	119.8	71 000	73.4	118.6	68 400 *	56.0
58.0	69.5	119.0	66 900	72.4	117.7	66 600 *	58.0
60.0	68.5	118.0	63 100	71.4	116.8	64 900 *	60.0
62.0	67.5	117.1	59 600	70.4	115.8	62 500	62.0
64.0	66.5	116.1	56 300	69.4	114.8	59 000	64.0
66.0	65.5	115.1	53 200	68.4	113.8	55 800	66.0
68.0	64.5	114.0	50 300	67.3	112.7	52 800	68.0
72.0	62.4	111.7	45 100	65.2	110.3	47 300	72.0
76.0	60.3	109.2	40 500	63.1	107.8	42 500	76.0
80.0	58.1	106.5	36 300	60.9	105.0	38 100	80.0
84.0	55.9	103.5	32 500	58.6	102.0	34 200	84.0
88.0	53.6	100.3	29 200	56.2	98.8	30 700	88.0
92.0	51.2	96.8	25 600 *	53.8	95.3	27 400	92.0
96.0	48.7	93.0	22 200 *	51.3	91.4	23 800 *	96.0
100.0	46.1	88.9	19 100 *	48.7	87.2	20 500 *	100.0
104.0	43.4	84.4	16 200 *	45.9	82.5	17 500 *	104.0
108.0	40.5	79.3	13 500 *	42.9	77.4	14 600 *	108.0
112.0	37.4	73.7	11 000 *	39.7	71.6	11 900 *	112.0
116.0	34.0	67.4	8 700 *	36.2	65.1	9 400 *	116.0
120.0	30.3	60.1	6 500 *				120.0

42.7m (140 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
36.6	80.3	134.1	92 500 *b				36.6
38.0	79.7	133.7	92 500 *b				38.0
40.0	78.8	133.2	92 500 *b				40.0
42.0	77.9	132.7	92 500 *b				42.0
44.0	77.1	132.1	92 200 *b	79.8	130.9	79 000 *b	44.0
46.0	76.2	131.5	91 000 *b	79.0	130.3	78 000 *b	46.0
48.0	75.3	130.9	89 000 b	78.1	129.7	77 000 *	48.0
50.0	74.4	130.2	84 200 b	77.1	129.0	76 000 *	50.0
52.0	73.5	129.5	78 700 b	76.2	128.3	74 300 *	52.0
54.0	72.6	128.8	73 900 b	75.3	127.5	72 300 *	54.0
56.0	71.7	128.0	69 400 b	74.4	126.8	70 500 *	56.0
58.0	70.8	127.2	65 300	73.5	125.9	68 600	58.0
60.0	69.8	126.4	61 500	72.5	125.1	64 700	60.0
62.0	68.9	125.5	58 000	71.6	124.2	61 000	62.0
64.0	68.0	124.6	54 700	70.7	123.3	57 600	64.0
66.0	67.0	123.6	51 600	69.7	122.3	54 400	66.0
68.0	66.1	122.6	48 700	68.7	121.3	51 300	68.0
72.0	64.1	120.5	43 400	66.8	119.1	45 900	72.0
76.0	62.2	118.2	38 800	64.8	116.8	41 000	76.0
80.0	60.2	115.7	34 600	62.8	114.2	36 600	80.0
84.0	58.1	113.0	30 900	60.7	111.5	32 700	84.0
88.0	56.0	110.0	27 200 *	58.6	108.5	29 100	88.0
92.0	53.9	106.9	23 400 *	56.4	105.3	25 500 *	92.0
96.0	51.6	103.5	20 000 *	54.1	101.9	21 900 *	96.0
100.0	49.3	99.8	16 800 *	51.8	98.1	18 500 *	100.0
104.0	46.9	95.8	14 000 *	49.3	94.0	15 500 *	104.0
108.0	44.4	91.4	11 300 *	46.7	89.5	12 600 *	108.0
112.0	41.7	86.6	8 800 *	44.0	84.7	10 000 *	112.0
116.0	38.9	81.3	6 500 *	41.1	79.2	7 500 *	116.0
120.0				38.0	73.2	5 100 *	120.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
29.0	80.6	87.4	94 900 *b				29.0
30.0	79.9	87.1	93 900 *b				30.0
32.0	78.5	86.6	91 900 *b				32.0
34.0	77.2	85.9	90 000 *b				34.0
36.0	75.8	85.2	88 200 *				36.0
38.0	74.4	84.5	86 400 *	79.4	83.6	73 900 *	38.0
40.0	73.0	83.7	84 700 *	78.0	82.8	70 400 *	40.0
42.0	71.6	82.8	82 200 *	76.5	81.9	67 100 *	42.0
44.0	70.1	81.9	77 900 *	75.1	81.0	64 200 *	44.0
46.0	68.7	81.0	74 100 *	73.6	80.0	61 500 *	46.0
48.0	67.2	79.9	70 700 *	72.1	78.9	58 900 *	48.0
50.0	65.7	78.8	67 500 *	70.6	77.8	56 600 *	50.0
52.0	64.2	77.6	64 500 *	69.1	76.6	54 400 *	52.0
54.0	62.7	76.4	61 800 *	67.5	75.4	52 400 *	54.0
56.0	61.1	75.0	59 300 *	65.9	74.0	50 500 *	56.0
58.0	59.5	73.6	57 000 *	64.3	72.6	48 700 *	58.0
60.0	57.9	72.1	54 800 *	62.6	71.1	47 100 *	60.0
62.0	56.2	70.6	52 800 *	61.0	69.4	45 500 *	62.0
64.0	54.5	68.9	50 900 *	59.2	67.7	44 100 *	64.0
66.0	52.7	67.1	49 100 *	57.4	65.9	42 700 *	66.0
68.0	50.9	65.2	47 400 *	55.6	64.0	41 400 *	68.0
72.0	47.2	61.0	44 400 *	51.7	59.7	39 100 *	72.0
76.0	43.1	56.2	41 700 *	47.5	54.7	37 000 *	76.0
80.0	38.6	50.5	39 200 *	42.9	48.9	35 100 *	80.0
84.0	33.4	43.7	37 100 *	37.5	41.9	33 500 *	84.0
88.0	27.2	35.1	35 200 *				88.0

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
30.5	80.4	94.9	93 000 *b				30.5
32.0	79.5	94.5	91 700 *b				32.0
34.0	78.2	93.9	90 000 *b				34.0
36.0	77.0	93.3	88 400 *b				36.0
38.0	75.7	92.6	86 800 *				38.0
40.0	74.4	91.9	85 200 *	79.0	90.8	72 200 *	40.0
42.0	73.1	91.1	83 700 *	77.7	90.1	69 100 *	42.0
44.0	71.8	90.2	81 900 *	76.4	89.2	66 300 *	44.0
46.0	70.5	89.4	78 200 *	75.1	88.3	63 600 *	46.0
48.0	69.2	88.4	74 700 *	73.7	87.4	61 100 *	48.0
50.0	67.9	87.4	71 500 *	72.4	86.4	58 800 *	50.0
52.0	66.5	86.4	68 500 *	71.0	85.3	56 700 *	52.0
54.0	65.1	85.3	65 700 *	69.6	84.2	54 700 *	54.0
56.0	63.7	84.1	63 200 *	68.2	83.0	52 900 *	56.0
58.0	62.3	82.8	60 800 *	66.7	81.7	51 100 *	58.0
60.0	60.9	81.5	58 500 *	65.3	80.4	49 400 *	60.0
62.0	59.4	80.1	56 400 *	63.8	78.9	47 900 *	62.0
64.0	57.9	78.6	54 500 *	62.3	77.4	46 400 *	64.0
66.0	56.4	77.1	52 600 *	60.7	75.9	45 100 *	66.0
68.0	54.8	75.4	50 900 *	59.1	74.2	43 800 *	68.0
72.0	51.6	71.9	47 700 *	55.9	70.6	41 400 *	72.0
76.0	48.2	67.8	44 900 *	52.4	66.5	39 200 *	76.0
80.0	44.6	63.3	42 400 *	48.7	61.8	37 300 *	80.0
84.0	40.6	58.1	40 100 *	44.6	56.5	35 600 *	84.0
88.0	36.3	52.1	38 000	40.1	50.2	34 100 *	88.0
92.0	31.3	44.8	35 000	34.9	42.6	32 800 *	92.0
96.0	25.2	35.4	32 000				96.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
32.0	80.3	102.3	91 200 *b				32.0
34.0	79.1	101.8	89 700 *b				34.0
36.0	78.0	101.2	88 300 *b				36.0
38.0	76.8	100.6	86 800 *b				38.0
40.0	75.6	99.9	85 300 *b	79.9	98.8	74 500 *	40.0
42.0	74.5	99.2	83 900 *	78.7	98.1	71 400 *	42.0
44.0	73.3	98.5	82 500 *	77.5	97.4	68 600 *	44.0
46.0	72.1	97.6	81 200 *	76.3	96.5	66 000 *	46.0
48.0	70.9	96.8	79 300 *	75.0	95.7	63 600 *	48.0
50.0	69.6	95.9	75 800 *	73.8	94.8	61 300 *	50.0
52.0	68.4	94.9	72 700 *	72.5	93.8	59 200 *	52.0
54.0	67.1	93.9	69 900 *	71.3	92.8	57 200 *	54.0
56.0	65.9	92.8	67 200 *	70.0	91.7	55 300 *	56.0
58.0	64.6	91.7	64 800 *	68.7	90.5	53 500 *	58.0
60.0	63.3	90.5	62 400 *	67.4	89.3	51 900 *	60.0
62.0	62.0	89.3	60 300 *	66.1	88.1	50 400 *	62.0
64.0	60.7	88.0	58 200 *	64.7	86.7	48 900 *	64.0
66.0	59.3	86.6	56 300 *	63.3	85.3	47 500 *	66.0
68.0	57.9	85.1	54 500 *	61.9	83.8	46 200 *	68.0
72.0	55.1	82.0	51 200 *	59.1	80.7	43 700 *	72.0
76.0	52.2	78.5	47 500	56.1	77.1	41 500 *	76.0
80.0	49.1	74.6	43 400	52.9	73.2	39 600 *	80.0
84.0	45.8	70.3	39 700	49.6	68.8	37 700 *	84.0
88.0	42.3	65.5	36 300	46.0	63.8	36 200 *	88.0
92.0	38.5	59.9	33 200	42.0	58.0	34 000	92.0
96.0	34.2	53.4	30 300	37.6	51.3	31 000	96.0
100.0	29.4	45.6	27 700				100.0

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
32.0	81.0	110.1	90 400 *b				32.0
34.0	79.9	109.7	89 100 *b				34.0
36.0	78.8	109.1	87 800 *b				36.0
38.0	77.7	108.5	86 500 *b				38.0
40.0	76.7	107.9	85 200 *b	80.6	106.8	77 100 *	40.0
42.0	75.6	107.3	83 900 *b	79.5	106.1	74 000 *	42.0
44.0	74.5	106.6	82 500 *b	78.4	105.4	71 200 *	44.0
46.0	73.4	105.8	81 300 *	77.3	104.7	68 600 *	46.0
48.0	72.3	105.0	80 100 *	76.1	103.9	66 200 *	48.0
50.0	71.1	104.2	78 900 *	75.0	103.0	63 900 *	50.0
52.0	70.0	103.3	77 400 *	73.9	102.1	61 800 *	52.0
54.0	68.9	102.4	74 300 *	72.7	101.2	59 800 *	54.0
56.0	67.7	101.4	71 600 *	71.5	100.2	57 900 *	56.0
58.0	66.5	100.4	69 000 *	70.4	99.2	56 100 *	58.0
60.0	65.4	99.3	66 600 *	69.2	98.1	54 500 *	60.0
62.0	64.2	98.2	64 300 *	68.0	96.9	52 800 *	62.0
64.0	63.0	97.0	61 400	66.7	95.7	51 300 *	64.0
66.0	61.7	95.7	58 400	65.5	94.4	49 900 *	66.0
68.0	60.5	94.4	55 500	64.2	93.1	48 600 *	68.0
72.0	58.0	91.6	50 300	61.7	90.3	46 100 *	72.0
76.0	55.4	88.5	45 700	59.0	87.1	43 800 *	76.0
80.0	52.6	85.1	41 600	56.2	83.7	41 800 *	80.0
84.0	49.8	81.4	37 900	53.4	79.9	39 200	84.0
88.0	46.8	77.2	34 500	50.3	75.6	35 700	88.0
92.0	43.6	72.6	31 500	47.1	70.9	32 500	92.0
96.0	40.2	67.4	28 600	43.6	65.6	29 500	96.0
100.0	36.5	61.5	26 000	39.8	59.5	26 700	100.0
104.0	32.4	54.6	23 100 *	35.5	52.3	23 900 *	104.0
108.0	27.6	46.3	20 400 *				108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
33.5	80.8	117.6	87 400 *b				33.5
34.0	80.6	117.5	87 100 *b				34.0
36.0	79.6	117.0	86 000 *b				36.0
38.0	78.6	116.5	84 900 *b				38.0
40.0	77.6	115.9	83 700 *b				40.0
42.0	76.5	115.3	82 600 *b	80.2	114.1	76 500 *	42.0
44.0	75.5	114.6	81 500 *b	79.2	113.4	74 300 *	44.0
46.0	74.5	113.9	80 300 *b	78.2	112.7	71 600 *	46.0
48.0	73.5	113.2	79 200 *b	77.1	112.0	69 100 *	48.0
50.0	72.4	112.4	78 200 *	76.1	111.2	66 800 *	50.0
52.0	71.4	111.6	77 100 *	75.0	110.4	64 700 *	52.0
54.0	70.3	110.8	76 100 *	73.9	109.5	62 600 *	54.0
56.0	69.3	109.9	74 200	72.9	108.6	60 700 *	56.0
58.0	68.2	108.9	70 300	71.8	107.6	58 900 *	58.0
60.0	67.1	107.9	66 500	70.7	106.6	57 200 *	60.0
62.0	66.0	106.9	63 000	69.6	105.6	55 600 *	62.0
64.0	64.9	105.8	59 700	68.4	104.5	54 000 *	64.0
66.0	63.8	104.6	56 700	67.3	103.3	52 600 *	66.0
68.0	62.7	103.4	53 800	66.2	102.1	51 200 *	68.0
72.0	60.4	100.9	48 600	63.8	99.5	48 600 *	72.0
76.0	58.0	98.1	44 000	61.4	96.7	45 900	76.0
80.0	55.6	95.1	39 800	59.0	93.6	41 600	80.0
84.0	53.0	91.7	36 100	56.4	90.2	37 700	84.0
88.0	50.4	88.1	32 800	53.7	86.5	34 200	88.0
92.0	47.7	84.1	29 700	50.9	82.4	31 000	92.0
96.0	44.8	79.7	26 900	48.0	77.9	28 000	96.0
100.0	41.7	74.8	23 800 *	44.8	72.9	25 100 *	100.0
104.0	38.4	69.3	20 900 *	41.4	67.2	22 000 *	104.0
108.0	34.8	63.0	18 300 *	37.7	60.7	19 100 *	108.0
112.0	30.8	55.7	15 800 *	33.5	53.1	16 500 *	112.0
116.0	26.1	46.9	13 400 *				116.0

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
35.1	80.7	125.0	85 400 *b				35.1
36.0	80.2	124.8	84 900 *b				36.0
38.0	79.3	124.3	83 800 *b				38.0
40.0	78.3	123.8	82 800 *b				40.0
42.0	77.4	123.2	81 700 *b				42.0
44.0	76.4	122.6	80 700 *b	79.9	121.4	74 900 *b	44.0
46.0	75.5	122.0	79 700 *b	78.9	120.7	72 500 *	46.0
48.0	74.5	121.3	78 700 *b	77.9	120.0	70 100 *	48.0
50.0	73.5	120.6	77 700 *b	77.0	119.3	67 900 *	50.0
52.0	72.6	119.8	76 700 *b	76.0	118.5	65 800 *	52.0
54.0	71.6	119.0	75 700 *b	75.0	117.7	63 900 *	54.0
56.0	70.6	118.2	73 200	74.0	116.9	62 000 *	56.0
58.0	69.6	117.3	68 900	73.0	116.0	60 200 *	58.0
60.0	68.6	116.4	65 100	72.0	115.1	58 500 *	60.0
62.0	67.6	115.4	61 600	70.9	114.1	57 000 *	62.0
64.0	66.6	114.4	58 300	69.9	113.1	55 500 *	64.0
66.0	65.5	113.4	55 200	68.9	112.0	54 000 *	66.0
68.0	64.5	112.3	52 300	67.8	110.9	52 700 *	68.0
72.0	62.4	109.9	47 100	65.7	108.5	49 500	72.0
76.0	60.2	107.4	42 400	63.5	105.9	44 600	76.0
80.0	58.0	104.6	38 300	61.2	103.1	40 200	80.0
84.0	55.7	101.6	34 500	58.9	100.1	36 300	84.0
88.0	53.4	98.3	31 200	56.5	96.8	32 800	88.0
92.0	50.9	94.8	28 100	54.1	93.1	29 500	92.0
96.0	48.4	90.9	24 800 *	51.5	89.2	26 600	96.0
100.0	45.8	86.6	21 700 *	48.8	84.8	23 300 *	100.0
104.0	42.9	82.0	18 800 *	45.9	80.1	20 200 *	104.0
108.0	40.0	76.8	16 200 *	42.8	74.7	17 300 *	108.0
112.0	36.8	71.0	13 700 *	39.5	68.8	14 700 *	112.0
116.0	33.2	64.4	11 300 *	35.9	61.9	12 100 *	116.0
120.0	29.3	56.7	9 100 *				120.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
36.6	80.5	132.5	82 900 *b				36.6
38.0	79.9	132.2	82 400 *b				38.0
40.0	79.0	131.7	81 600 *b				40.0
42.0	78.1	131.1	80 800 *b				42.0
44.0	77.2	130.6	80 000 *b				44.0
46.0	76.3	129.9	79 200 *b	79.6	128.6	68 400 *	46.0
48.0	75.4	129.3	78 300 *	78.7	128.0	67 500 *	48.0
50.0	74.5	128.6	77 500 *	77.8	127.3	66 700 *	50.0
52.0	73.6	127.9	76 700 *	76.8	126.6	65 700 *	52.0
54.0	72.7	127.2	75 500	75.9	125.9	64 600 *	54.0
56.0	71.8	126.4	72 000	75.0	125.1	62 900 *	56.0
58.0	70.9	125.6	67 800	74.0	124.2	61 200 *	58.0
60.0	69.9	124.7	64 000	73.1	123.4	59 600 *	60.0
62.0	69.0	123.8	60 400	72.1	122.5	58 000 *	62.0
64.0	68.0	122.9	57 100	71.2	121.5	56 600 *	64.0
66.0	67.1	121.9	54 000	70.2	120.5	55 100 *	66.0
68.0	66.1	120.9	51 100	69.2	119.5	53 600	68.0
72.0	64.2	118.7	45 900	67.3	117.3	48 400	72.0
76.0	62.2	116.4	41 300	65.2	114.9	43 500	76.0
80.0	60.1	113.8	37 100	63.2	112.3	39 200	80.0
84.0	58.0	111.1	33 400	61.1	109.6	35 300	84.0
88.0	55.9	108.1	30 000	58.9	106.5	31 700	88.0
92.0	53.7	104.9	26 700 *	56.6	103.3	28 500	92.0
96.0	51.4	101.4	23 300 *	54.3	99.7	25 300 *	96.0
100.0	49.1	97.6	20 200 *	51.9	95.9	21 900 *	100.0
104.0	46.6	93.5	17 300 *	49.4	91.7	18 900 *	104.0
108.0	44.0	89.0	14 600 *	46.8	87.1	16 000 *	108.0
112.0	41.3	84.1	12 200 *	44.0	82.1	13 400 *	112.0
116.0	38.4	78.7	9 800 *	41.0	76.5	10 900 *	116.0
120.0	35.2	72.6	7 600 *	37.8	70.2	8 500 *	120.0
124.0	31.8	65.6	5 600 *				124.0

48.8m (160 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
91.4m (300 ft.) Boom							
38.1	80.4	140.0	79 500 *b				38.1
40.0	79.6	139.5	79 500 *b				40.0
42.0	78.8	139.0	79 200 *b				42.0
44.0	77.9	138.5	78 400 *b				44.0
46.0	77.1	137.9	77 700 *b	80.2	136.6	70 900 *	46.0
48.0	76.3	137.3	77 000 *b	79.3	136.0	70 000 *	48.0
50.0	75.4	136.7	76 300 *	78.5	135.3	69 100 *	50.0
52.0	74.5	136.0	75 500 *	77.6	134.6	68 100 *	52.0
54.0	73.7	135.3	74 300	76.7	133.9	66 500 *	54.0
56.0	72.8	134.6	70 400	75.8	133.2	64 700 *	56.0
58.0	71.9	133.8	66 200	75.0	132.4	63 000 *	58.0
60.0	71.1	133.0	62 400	74.1	131.6	61 400 *	60.0
62.0	70.2	132.1	58 800	73.2	130.8	59 800 *	62.0
64.0	69.3	131.3	55 500	72.3	129.9	58 300 *	64.0
66.0	68.4	130.4	52 400	71.4	128.9	55 600	66.0
68.0	67.5	129.4	49 500	70.5	128.0	52 500	68.0
72.0	65.7	127.4	44 300	68.6	125.9	47 000	72.0
76.0	63.8	125.2	39 600	66.8	123.7	42 100	76.0
80.0	61.9	122.8	35 400	64.8	121.3	37 700	80.0
84.0	60.0	120.3	31 700	62.9	118.8	33 800	84.0
88.0	58.1	117.6	28 200	60.9	116.0	30 200	88.0
92.0	56.0	114.6	24 500 *	58.9	113.0	26 900	92.0
96.0	54.0	111.5	21 100 *	56.8	109.8	23 300 *	96.0
100.0	51.8	108.0	18 000 *	54.6	106.3	20 000 *	100.0
104.0	49.6	104.4	15 100 *	52.3	102.6	16 900 *	104.0
108.0	47.3	100.4	12 400 *	50.0	98.5	14 100 *	108.0
112.0	44.9	96.0	9 900 *	47.5	94.1	11 400 *	112.0
116.0	42.4	91.3	7 600 *	45.0	89.3	8 900 *	116.0
120.0	39.7	86.1	5 500 *	42.2	84.0	6 600 *	120.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
30.5	80.9	93.3	81 400 *b				30.5
32.0	79.9	92.9	80 100 *				32.0
34.0	78.7	92.3	78 600 *				34.0
36.0	77.4	91.7	77 000 *				36.0
38.0	76.1	91.0	75 500 *				38.0
40.0	74.8	90.2	73 900 *	80.2	89.2	65 900 *	40.0
42.0	73.5	89.5	72 500 *	78.9	88.4	62 800 *	42.0
44.0	72.1	88.6	71 000 *	77.6	87.6	60 000 *	44.0
46.0	70.8	87.7	69 300 *	76.2	86.7	57 300 *	46.0
48.0	69.5	86.7	65 900 *	74.8	85.7	54 900 *	48.0
50.0	68.1	85.7	62 900 *	73.4	84.7	52 700 *	50.0
52.0	66.7	84.7	60 100 *	72.0	83.6	50 600 *	52.0
54.0	65.3	83.5	57 600 *	70.6	82.4	48 700 *	54.0
56.0	63.9	82.3	55 200 *	69.2	81.2	46 900 *	56.0
58.0	62.4	81.0	52 900 *	67.7	79.9	45 200 *	58.0
60.0	60.9	79.7	50 900 *	66.2	78.5	43 600 *	60.0
62.0	59.4	78.2	48 900 *	64.7	77.1	42 100 *	62.0
64.0	57.9	76.7	47 100 *	63.1	75.5	40 700 *	64.0
66.0	56.4	75.1	45 500 *	61.5	73.9	39 400 *	66.0
68.0	54.8	73.5	43 800 *	59.9	72.2	38 200 *	68.0
72.0	51.4	69.8	41 000 *	56.5	68.5	35 900 *	72.0
76.0	47.9	65.6	38 400 *	52.9	64.2	33 800 *	76.0
80.0	44.1	60.9	36 100 *	49.1	59.4	32 000 *	80.0
84.0	40.0	55.5	34 000 *	44.8	53.8	30 400 *	84.0
88.0	35.4	49.1	32 100 *	40.1	47.2	28 900 *	88.0
92.0	30.0	41.2	30 400 *				92.0

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
32.0	80.7	100.8	79 700 *b				32.0
34.0	79.5	100.2	78 300 *b				34.0
36.0	78.4	99.6	76 900 *				36.0
38.0	77.2	99.0	75 500 *				38.0
40.0	76.0	98.3	74 200 *				40.0
42.0	74.8	97.6	72 800 *	79.8	96.5	64 300 *	42.0
44.0	73.6	96.8	71 500 *	78.6	95.7	61 500 *	44.0
46.0	72.4	96.0	70 300 *	77.3	94.9	59 000 *	46.0
48.0	71.1	95.1	68 800 *	76.1	94.0	56 700 *	48.0
50.0	69.9	94.2	66 400 *	74.8	93.0	54 500 *	50.0
52.0	68.6	93.2	63 400 *	73.6	92.1	52 500 *	52.0
54.0	67.3	92.2	60 800 *	72.3	91.0	50 600 *	54.0
56.0	66.1	91.1	58 400 *	71.0	89.9	48 800 *	56.0
58.0	64.8	90.0	56 100 *	69.6	88.7	47 100 *	58.0
60.0	63.4	88.7	54 100 *	68.3	87.5	45 600 *	60.0
62.0	62.1	87.5	52 100 *	66.9	86.2	44 100 *	62.0
64.0	60.7	86.1	50 200 *	65.6	84.9	42 700 *	64.0
66.0	59.4	84.7	48 500 *	64.2	83.4	41 400 *	66.0
68.0	57.9	83.2	46 900 *	62.7	81.9	40 100 *	68.0
72.0	55.0	80.0	43 900 *	59.8	78.6	37 800 *	72.0
76.0	52.0	76.4	41 200 *	56.7	75.0	35 800 *	76.0
80.0	48.8	72.5	38 800 *	53.4	70.9	34 000 *	80.0
84.0	45.4	68.0	36 600 *	50.0	66.4	32 300 *	84.0
88.0	41.8	62.9	34 700 *	46.2	61.2	30 700 *	88.0
92.0	37.8	57.1	32 900 *	42.1	55.2	29 400 *	92.0
96.0	33.3	50.3	31 300 *	37.4	48.0	28 200 *	96.0
100.0	28.1	41.9	29 800 *				100.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
33.5	80.5	108.2	78 100 *b				33.5
34.0	80.3	108.1	77 900 *b				34.0
36.0	79.2	107.5	76 600 *b				36.0
38.0	78.1	107.0	75 400 *				38.0
40.0	77.0	106.3	74 200 *				40.0
42.0	75.9	105.7	72 900 *				42.0
44.0	74.8	104.9	71 700 *	79.4	103.7	63 400 *	44.0
46.0	73.7	104.2	70 500 *	78.3	103.0	60 900 *	46.0
48.0	72.5	103.4	69 400 *	77.1	102.2	58 600 *	48.0
50.0	71.4	102.5	68 200 *	76.0	101.3	56 500 *	50.0
52.0	70.2	101.7	67 000 *	74.8	100.4	54 500 *	52.0
54.0	69.1	100.7	64 400 *	73.6	99.4	52 600 *	54.0
56.0	67.9	99.7	61 900 *	72.5	98.4	50 900 *	56.0
58.0	66.7	98.7	59 600 *	71.3	97.4	49 200 *	58.0
60.0	65.5	97.6	57 400 *	70.0	96.3	47 600 *	60.0
62.0	64.3	96.4	55 400 *	68.8	95.1	46 100 *	62.0
64.0	63.1	95.2	53 500 *	67.6	93.9	44 700 *	64.0
66.0	61.8	93.9	51 700 *	66.3	92.6	43 400 *	66.0
68.0	60.6	92.6	50 000 *	65.0	91.2	42 200 *	68.0
72.0	58.0	89.7	46 900 *	62.4	88.3	39 800 *	72.0
76.0	55.3	86.6	44 100 *	59.7	85.1	37 700 *	76.0
80.0	52.5	83.1	41 600 *	56.8	81.5	35 900 *	80.0
84.0	49.6	79.2	39 300 *	53.9	77.6	34 200 *	84.0
88.0	46.5	75.0	36 900 *	50.7	73.3	32 600 *	88.0
92.0	43.3	70.2	33 800 *	47.3	68.4	31 200 *	92.0
96.0	39.7	64.8	31 000 *	43.7	62.8	29 900 *	96.0
100.0	35.9	58.6	28 300 *	39.7	56.4	28 700 *	100.0
104.0	31.5	51.3	25 900 *	35.1	48.7	26 400 *	104.0
108.0	26.3	42.3	23 500 *				108.0

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
35.1	80.4	115.6	76 600 *b				35.1
36.0	79.9	115.4	76 100 *b				36.0
38.0	78.9	114.9	74 900 *b				38.0
40.0	77.9	114.3	73 800 *b				40.0
42.0	76.9	113.7	72 700 *				42.0
44.0	75.8	113.0	71 600 *	80.2	111.7	65 600 *	44.0
46.0	74.8	112.3	70 500 *	79.1	111.0	63 100 *	46.0
48.0	73.7	111.6	69 400 *	78.0	110.3	60 800 *	48.0
50.0	72.7	110.8	68 300 *	77.0	109.5	58 700 *	50.0
52.0	71.6	110.0	67 300 *	75.9	108.6	56 700 *	52.0
54.0	70.5	109.1	66 300 *	74.8	107.8	54 800 *	54.0
56.0	69.5	108.2	65 300 *	73.7	106.8	53 000 *	56.0
58.0	68.4	107.2	63 300 *	72.6	105.9	51 400 *	58.0
60.0	67.3	106.2	61 000 *	71.5	104.8	49 800 *	60.0
62.0	66.2	105.1	58 900 *	70.4	103.8	48 300 *	62.0
64.0	65.0	104.0	56 900 *	69.2	102.6	46 900 *	64.0
66.0	63.9	102.9	55 000 *	68.1	101.5	45 500 *	66.0
68.0	62.8	101.7	53 200 *	66.9	100.2	44 300 *	68.0
72.0	60.4	99.1	50 000 *	64.5	97.6	41 900 *	72.0
76.0	58.0	96.2	46 400	62.1	94.7	39 800 *	76.0
80.0	55.5	93.1	42 200	59.6	91.5	37 800 *	80.0
84.0	52.9	89.7	38 500	56.9	88.1	36 100 *	84.0
88.0	50.2	86.0	35 100	54.2	84.3	34 500 *	88.0
92.0	47.4	81.9	32 100	51.3	80.1	33 000	92.0
96.0	44.5	77.3	29 200	48.3	75.4	30 300	96.0
100.0	41.3	72.2	26 600	45.0	70.2	27 600	100.0
104.0	37.9	66.5	24 000 *	41.5	64.3	25 000	104.0
108.0	34.1	60.0	21 300 *	37.5	57.5	22 200 *	108.0
112.0	29.8	52.2	18 800 *				112.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
35.1	81.0	123.5	75 300 *b				35.1
36.0	80.6	123.2	74 900 *b				36.0
38.0	79.6	122.7	73 900 *b				38.0
40.0	78.7	122.2	72 900 *b				40.0
42.0	77.7	121.6	72 000 *b				42.0
44.0	76.7	121.0	70 900 *				44.0
46.0	75.8	120.3	70 000 *	79.8	119.0	65 300 *	46.0
48.0	74.8	119.7	69 000 *	78.8	118.3	63 300 *	48.0
50.0	73.8	118.9	68 100 *	77.8	117.6	61 100 *	50.0
52.0	72.8	118.2	67 200 *	76.8	116.8	59 100 *	52.0
54.0	71.8	117.3	66 200 *	75.8	116.0	57 200 *	54.0
56.0	70.8	116.5	65 300 *	74.8	115.1	55 400 *	56.0
58.0	69.8	115.6	64 400 *	73.8	114.2	53 700 *	58.0
60.0	68.8	114.7	63 500 *	72.8	113.3	52 100 *	60.0
62.0	67.8	113.7	62 500 *	71.7	112.3	50 600 *	62.0
64.0	66.7	112.7	60 400	70.7	111.2	49 100 *	64.0
66.0	65.7	111.6	57 400	69.6	110.1	47 800 *	66.0
68.0	64.6	110.5	54 500	68.5	109.0	46 500 *	68.0
72.0	62.5	108.1	49 300	66.4	106.6	44 100 *	72.0
76.0	60.3	105.5	44 600	64.1	104.0	41 900 *	76.0
80.0	58.0	102.7	40 500	61.8	101.1	39 900 *	80.0
84.0	55.7	99.6	36 800	59.5	98.0	38 100	84.0
88.0	53.3	96.3	33 400	57.0	94.6	35 000	88.0
92.0	50.8	92.7	30 300	54.5	90.9	31 800	92.0
96.0	48.2	88.7	27 500	51.8	86.8	28 800	96.0
100.0	45.5	84.3	24 700 *	49.0	82.4	26 100	100.0
104.0	42.6	79.5	21 800 *	46.1	77.4	23 200 *	104.0
108.0	39.5	74.2	19 100 *	42.9	71.9	20 300 *	108.0
112.0	36.2	68.1	16 600 *	39.4	65.7	17 600 *	112.0
116.0	32.5	61.2	14 300 *	35.6	58.4	15 100 *	116.0
120.0	28.3	53.0	12 100 *				120.0

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
36.6	80.9	130.9	73 600 *b				36.6
38.0	80.2	130.6	73 000 *b				38.0
40.0	79.3	130.1	72 100 *b				40.0
42.0	78.4	129.5	71 100 *b				42.0
44.0	77.5	128.9	70 300 *b				44.0
46.0	76.6	128.3	69 400 *b	80.4	126.9	65 100 *	46.0
48.0	75.7	127.7	68 500 *b	79.5	126.3	64 100 *	48.0
50.0	74.8	127.0	67 600 *	78.6	125.6	61 800 *	50.0
52.0	73.9	126.3	66 700 *	77.7	124.9	59 900 *	52.0
54.0	72.9	125.5	65 800 *	76.7	124.1	58 100 *	54.0
56.0	72.0	124.7	65 000 *	75.8	123.3	56 300 *	56.0
58.0	71.1	123.9	64 200 *	74.8	122.5	54 700 *	58.0
60.0	70.1	123.0	63 100 *	73.9	121.6	53 200 *	60.0
62.0	69.2	122.1	61 900	72.9	120.7	51 700 *	62.0
64.0	68.2	121.2	59 100	71.9	119.7	50 300 *	64.0
66.0	67.2	120.2	56 000	70.9	118.7	48 900 *	66.0
68.0	66.2	119.2	53 100	69.9	117.6	47 700 *	68.0
72.0	64.3	117.0	47 800	67.9	115.4	45 300 *	72.0
76.0	62.2	114.6	43 200	65.9	113.0	43 100 *	76.0
80.0	60.2	112.0	39 000	63.8	110.4	41 000	80.0
84.0	58.0	109.2	35 200	61.6	107.5	37 200	84.0
88.0	55.9	106.2	31 800	59.4	104.5	33 700	88.0
92.0	53.6	102.9	28 700	57.1	101.1	30 400	92.0
96.0	51.3	99.3	25 700	54.8	97.5	27 400	96.0
100.0	48.9	95.5	22 600 *	52.3	93.6	24 500 *	100.0
104.0	46.3	91.3	19 700 *	49.7	89.3	21 400 *	104.0
108.0	43.7	86.7	17 000 *	47.0	84.5	18 500 *	108.0
112.0	40.9	81.6	14 500 *	44.1	79.3	15 800 *	112.0
116.0	37.9	75.9	12 200 *	41.0	73.5	13 300 *	116.0
120.0	34.6	69.6	10 000 *	37.6	66.9	10 900 *	120.0
124.0	31.0	62.3	7 900 *				124.0
128.0	26.9	53.7	5 900 *				128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

888 RINGER

Meets
ANSI B30.5
Requirements

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
39.6	80.1	138.0	70 400 *b				39.6
40.0	79.9	137.9	70 300 *b				40.0
42.0	79.1	137.4	69 600 *				42.0
44.0	78.2	136.9	69 000 *				44.0
46.0	77.4	136.3	68 300 *				46.0
48.0	76.5	135.7	67 500 *	80.1	134.2	60 000 *	48.0
50.0	75.7	135.0	66 800 *	79.2	133.6	59 300 *	50.0
52.0	74.8	134.4	66 100 *	78.4	132.9	58 600 *	52.0
54.0	73.9	133.7	65 400 *	77.5	132.2	57 800 *	54.0
56.0	73.0	132.9	64 700 *	76.6	131.4	56 900 *	56.0
58.0	72.2	132.1	64 000 *	75.7	130.6	55 500 *	58.0
60.0	71.3	131.3	63 300 *	74.8	129.8	54 000 *	60.0
62.0	70.4	130.5	61 400 *	73.9	128.9	52 500 *	62.0
64.0	69.5	129.6	57 900 *	73.0	128.1	51 200 *	64.0
66.0	68.6	128.7	54 900 *	72.1	127.1	49 900 *	66.0

54.9m (180 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
68.0	67.7	127.7	52 000	71.2	126.1	48 700 *	68.0
72.0	65.8	125.6	46 700	69.3	124.1	46 300 *	72.0
76.0	63.9	123.4	42 000	67.4	121.8	44 200 *	76.0
80.0	62.0	121.0	37 800	65.4	119.4	40 200	80.0
84.0	60.1	118.5	34 000	63.5	116.8	36 200	84.0
88.0	58.1	115.7	30 600	61.4	114.0	32 600	88.0
92.0	56.0	112.7	27 500	59.3	110.9	29 400	92.0
96.0	53.9	109.5	24 200 *	57.2	107.6	26 400	96.0
100.0	51.7	106.0	21 100 *	55.0	104.1	23 100 *	100.0
104.0	49.5	102.2	18 200 *	52.7	100.3	20 000 *	104.0
108.0	47.1	98.1	15 500 *	50.3	96.1	17 200 *	108.0
112.0	44.7	93.7	13 000 *	47.8	91.6	14 500 *	112.0
116.0	42.1	88.8	10 700 *	45.1	86.6	12 000 *	116.0
120.0	39.3	83.5	8 500 *	42.3	81.1	9 600 *	120.0
124.0	36.4	77.6	6 400 *	39.3	75.0	7 400 *	124.0
128.0	33.2	70.9	4 500 *	35.9	68.0	5 300 *	128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
32.0	80.9	99.2	69 900 *				32.0
34.0	79.7	98.7	68 500 *				34.0
36.0	78.5	98.1	67 200 *				36.0
38.0	77.3	97.4	65 800 *				38.0
40.0	76.1	96.8	64 500 *				40.0
42.0	74.9	96.0	63 200 *	80.4	95.0	59 300 *	42.0
44.0	73.7	95.2	61 900 *	79.1	94.3	57 800 *	44.0
46.0	72.4	94.4	60 600 *	77.9	93.4	55 300 *	46.0
48.0	71.2	93.5	59 400 *	76.6	92.5	52 800 *	48.0
50.0	69.9	92.6	58 100 *	75.3	91.6	50 600 *	50.0
52.0	68.6	91.6	56 800 *	74.0	90.6	48 500 *	52.0
54.0	67.3	90.5	55 100 *	72.7	89.5	46 600 *	54.0
56.0	66.0	89.4	52 600 *	71.4	88.4	44 800 *	56.0
58.0	64.7	88.2	50 500 *	70.0	87.2	43 100 *	58.0
60.0	63.3	87.0	48 400 *	68.7	85.9	41 600 *	60.0
62.0	62.0	85.7	46 500 *	67.3	84.6	40 100 *	62.0
64.0	60.6	84.3	44 700 *	65.9	83.2	38 600 *	64.0
66.0	59.2	82.9	43 100 *	64.5	81.8	37 300 *	66.0
68.0	57.7	81.4	41 500 *	63.0	80.2	36 100 *	68.0
72.0	54.8	78.1	38 700 *	60.0	76.9	33 900 *	72.0
76.0	51.7	74.4	36 100 *	56.8	73.1	31 800 *	76.0
80.0	48.4	70.3	33 800 *	53.5	69.0	30 000 *	80.0
84.0	44.9	65.7	31 700 *	49.9	64.2	28 300 *	84.0
88.0	41.1	60.4	29 900 *	46.0	58.8	26 800 *	88.0
92.0	36.9	54.3	28 200 *	41.7	52.6	25 400 *	92.0
96.0	32.1	47.1	26 700 *	36.7	45.0	24 300 *	96.0
100.0	26.4	37.9	25 300 *				100.0

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
33.5	80.7	106.7	68 500 *				33.5
34.0	80.5	106.5	68 200 *				34.0
36.0	79.4	106.0	66 900 *				36.0
38.0	78.3	105.4	65 700 *				38.0
40.0	77.1	104.8	64 500 *				40.0
42.0	76.0	104.1	63 400 *				42.0
44.0	74.9	103.4	62 200 *	80.0	102.3	58 200 *	44.0
46.0	73.8	102.6	61 100 *	78.8	101.5	56 700 *	46.0
48.0	72.6	101.8	59 900 *	77.6	100.7	54 300 *	48.0
50.0	71.4	100.9	58 800 *	76.5	99.8	52 200 *	50.0
52.0	70.3	100.0	57 600 *	75.3	98.9	50 100 *	52.0
54.0	69.1	99.1	56 600 *	74.1	97.9	48 200 *	54.0
56.0	67.9	98.0	55 400 *	72.9	96.9	46 500 *	56.0
58.0	66.7	97.0	53 400 *	71.7	95.8	44 800 *	58.0
60.0	65.5	95.9	51 300 *	70.4	94.7	43 200 *	60.0
62.0	64.2	94.7	49 400 *	69.2	93.5	41 800 *	62.0
64.0	63.0	93.4	47 500 *	67.9	92.3	40 400 *	64.0
66.0	61.7	92.2	45 800 *	66.6	90.9	39 100 *	66.0
68.0	60.4	90.8	44 200 *	65.3	89.6	37 900 *	68.0
72.0	57.8	87.9	41 300 *	62.6	86.6	35 600 *	72.0
76.0	55.0	84.6	38 700 *	59.8	83.3	33 600 *	76.0
80.0	52.2	81.1	36 300 *	56.9	79.7	31 700 *	80.0
84.0	49.2	77.1	34 200 *	53.9	75.7	30 000 *	84.0
88.0	46.0	72.7	32 200 *	50.7	71.2	28 500 *	88.0
92.0	42.6	67.8	30 500 *	47.2	66.1	27 100 *	92.0
96.0	39.0	62.2	28 900 *	43.4	60.3	25 900 *	96.0
100.0	34.9	55.7	27 400 *	39.2	53.6	24 700 *	100.0
104.0	30.3	47.9	26 100 *				104.0
108.0	24.6	38.1	24 900 *				108.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
35.1	80.6	114.1	67 100 *				35.1
36.0	80.1	113.9	66 600 *				36.0
38.0	79.1	113.3	65 500 *				38.0
40.0	78.0	112.7	64 400 *				40.0
42.0	77.0	112.1	63 400 *				42.0
44.0	75.9	111.4	62 300 *				44.0
46.0	74.9	110.7	61 300 *	79.6	109.5	57 400 *	46.0
48.0	73.8	110.0	60 200 *	78.5	108.8	56 100 *	48.0
50.0	72.8	109.2	59 200 *	77.4	108.0	53 900 *	50.0
52.0	71.7	108.3	58 100 *	76.3	107.1	51 900 *	52.0
54.0	70.6	107.4	57 100 *	75.2	106.2	50 100 *	54.0
56.0	69.5	106.5	56 100 *	74.1	105.3	48 300 *	56.0
58.0	68.4	105.5	55 100 *	73.0	104.3	46 700 *	58.0
60.0	67.3	104.5	54 000 *	71.9	103.3	45 100 *	60.0
62.0	66.1	103.4	52 500 *	70.7	102.2	43 700 *	62.0
64.0	65.0	102.3	50 500 *	69.6	101.0	42 300 *	64.0
66.0	63.8	101.1	48 800 *	68.4	99.8	41 000 *	66.0
68.0	62.7	99.9	47 100 *	67.2	98.6	39 700 *	68.0
72.0	60.3	97.3	44 000 *	64.8	95.9	37 400 *	72.0
76.0	57.8	94.4	41 300 *	62.3	93.0	35 300 *	76.0
80.0	55.3	91.2	38 900 *	59.7	89.7	33 500 *	80.0
84.0	52.6	87.7	36 600 *	57.0	86.2	31 800 *	84.0
88.0	49.9	83.9	34 600 *	54.2	82.3	30 200 *	88.0
92.0	47.0	79.7	32 800 *	51.3	78.0	28 800 *	92.0
96.0	43.9	75.0	31 100 *	48.2	73.2	27 500 *	96.0
100.0	40.6	69.7	28 800	44.8	67.8	26 300 *	100.0
104.0	37.1	63.8	26 500	41.1	61.7	25 200 *	104.0
108.0	33.1	56.9	24 200	37.0	54.5	24 300 *	108.0
112.0	28.5	48.6	21 800 *				112.0

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
36.6	80.5	121.6	65 800 *b				36.6
38.0	79.8	121.2	65 100 *				38.0
40.0	78.8	120.6	64 100 *				40.0
42.0	77.8	120.1	63 100 *				42.0
44.0	76.9	119.4	62 100 *				44.0
46.0	75.9	118.8	61 100 *	80.3	117.5	57 500 *	46.0
48.0	74.9	118.1	60 200 *	79.3	116.8	56 700 *	48.0
50.0	73.9	117.3	59 200 *	78.3	116.1	55 800 *	50.0
52.0	72.9	116.6	58 300 *	77.3	115.3	53 900 *	52.0
54.0	71.9	115.7	57 400 *	76.2	114.5	52 100 *	54.0
56.0	70.9	114.9	56 400 *	75.2	113.6	50 300 *	56.0
58.0	69.8	114.0	55 500 *	74.2	112.7	48 700 *	58.0
60.0	68.8	113.0	54 600 *	73.1	111.7	47 100 *	60.0
62.0	67.8	112.0	53 600 *	72.1	110.7	45 700 *	62.0
64.0	66.7	111.0	52 800 *	71.0	109.7	44 200 *	64.0
66.0	65.6	109.9	51 700 *	69.9	108.6	42 900 *	66.0
68.0	64.6	108.8	50 200 *	68.9	107.4	41 700 *	68.0
72.0	62.4	106.4	47 000 *	66.6	105.0	39 300 *	72.0
76.0	60.2	103.7	44 100 *	64.4	102.3	37 200 *	76.0
80.0	57.9	100.8	41 500 *	62.0	99.4	35 300 *	80.0
84.0	55.5	97.7	38 900	59.6	96.2	33 500 *	84.0
88.0	53.0	94.3	35 600	57.1	92.7	31 900 *	88.0
92.0	50.5	90.6	32 500	54.5	89.0	30 500 *	92.0
96.0	47.8	86.5	29 700	51.8	84.8	29 100 *	96.0
100.0	45.0	82.0	27 100	49.0	80.2	27 900 *	100.0
104.0	42.0	77.1	24 700	45.9	75.1	25 800	104.0
108.0	38.8	71.5	22 100 *	42.6	69.4	23 300	108.0
112.0	35.4	65.2	19 600 *	39.0	62.9	20 600 *	112.0
116.0	31.5	58.0	17 300 *	35.0	55.3	18 100 *	116.0
120.0	27.0	49.2	15 100 *				120.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
36.6	81.0	129.4	64 800 *b				36.6
38.0	80.4	129.0	64 200 *b				38.0
40.0	79.5	128.5	63 300 *b				40.0
42.0	78.6	128.0	62 400 *				42.0
44.0	77.6	127.4	61 500 *				44.0
46.0	76.7	126.8	60 700 *	80.9	125.5	56 800 *	46.0
48.0	75.8	126.1	59 800 *	79.9	124.8	56 100 *	48.0
50.0	74.9	125.4	59 000 *	79.0	124.1	55 400 *	50.0
52.0	73.9	124.7	58 200 *	78.1	123.4	54 700 *	52.0
54.0	73.0	123.9	57 300 *	77.1	122.6	53 900 *	54.0
56.0	72.0	123.1	56 500 *	76.2	121.8	52 600 *	56.0
58.0	71.1	122.3	55 600 *	75.2	120.9	50 800 *	58.0
60.0	70.1	121.4	54 500 *	74.2	120.0	49 200 *	60.0
62.0	69.2	120.5	53 600 *	73.2	119.1	47 700 *	62.0
64.0	68.2	119.5	52 600 *	72.2	118.1	46 300 *	64.0
66.0	67.2	118.5	51 600 *	71.3	117.1	45 000 *	66.0
68.0	66.2	117.5	50 700 *	70.2	116.1	43 700 *	68.0
72.0	64.2	115.2	48 900	68.2	113.8	41 300 *	72.0
76.0	62.1	112.8	45 000	66.1	111.3	39 200 *	76.0
80.0	60.0	110.2	40 900	64.0	108.7	37 200 *	80.0
84.0	57.9	107.3	37 200	61.8	105.8	35 400 *	84.0
88.0	55.7	104.3	33 800	59.5	102.7	33 700 *	88.0
92.0	53.4	100.9	30 700	57.2	99.3	32 200	92.0
96.0	51.0	97.3	27 900	54.8	95.6	29 500	96.0
100.0	48.5	93.3	25 300	52.3	91.5	26 800	100.0
104.0	45.9	89.0	22 500 *	49.6	87.1	24 200 *	104.0
108.0	43.2	84.3	19 800 *	46.9	82.3	21 300 *	108.0
112.0	40.3	79.1	17 400 *	43.9	76.9	18 700 *	112.0
116.0	37.2	73.2	15 100 *	40.7	70.9	16 200 *	116.0
120.0	33.8	66.6	12 900 *	37.1	64.0	13 900 *	120.0
124.0	30.0	58.9	10 900 *				124.0
128.0	25.6	49.7	8 900 *				128.0

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
38.1	80.9	136.8	63 300 *b				38.1
40.0	80.1	136.4	62 500 *b				40.0
42.0	79.2	135.9	61 700 *b				42.0
44.0	78.4	135.3	60 900 *				44.0
46.0	77.5	134.7	59 900 *				46.0
48.0	76.6	134.1	58 900 *	80.5	132.7	56 000 *	48.0
50.0	75.7	133.5	57 900 *	79.7	132.1	55 300 *	50.0
52.0	74.9	132.8	56 800 *	78.8	131.4	54 700 *	52.0
54.0	74.0	132.1	55 800 *	77.9	130.7	54 000 *	54.0
56.0	73.1	131.3	54 800 *	77.0	129.9	53 200 *	56.0
58.0	72.2	130.5	53 800 *	76.1	129.1	51 700 *	58.0
60.0	71.3	129.7	52 800 *	75.2	128.3	50 100 *	60.0
62.0	70.4	128.8	51 900 *	74.2	127.4	48 700 *	62.0
64.0	69.5	127.9	51 000 *	73.3	126.5	47 300 *	64.0
66.0	68.6	127.0	50 100 *	72.4	125.5	46 000 *	66.0
68.0	67.6	126.0	49 200 *	71.5	124.6	44 800 *	68.0
72.0	65.8	123.9	47 500	69.6	122.5	42 400 *	72.0
76.0	63.9	121.7	43 600	67.6	120.2	40 300 *	76.0
80.0	61.9	119.3	39 400	65.7	117.7	38 300 *	80.0
84.0	59.9	116.7	35 700	63.7	115.1	36 600 *	84.0
88.0	57.9	113.8	32 300	61.6	112.2	34 400	88.0
92.0	55.8	110.8	29 200	59.5	109.1	31 100	92.0
96.0	53.7	107.5	26 400	57.3	105.8	28 100	96.0
100.0	51.4	104.0	23 300 *	55.0	102.2	25 400	100.0
104.0	49.1	100.1	20 400 *	52.7	98.2	22 400 *	104.0
108.0	46.7	95.9	17 800 *	50.2	94.0	19 500 *	108.0
112.0	44.2	91.4	15 300 *	47.7	89.3	16 900 *	112.0
116.0	41.6	86.4	13 000 *	44.9	84.2	14 400 *	116.0
120.0	38.7	80.9	10 800 *	42.0	78.6	12 100 *	120.0
124.0	35.7	74.8	8 800 *	38.9	72.2	9 800 *	124.0
128.0	32.4	67.8	6 900 *	35.4	65.0	7 700 *	128.0
132.0	28.6	59.7	5 000 *				132.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
41.1	80.1	143.9	61 100 *				41.1
42.0	79.8	143.7	60 800 *				42.0
44.0	79.0	143.2	60 200 *				44.0
46.0	78.2	142.6	59 600 *				46.0
48.0	77.3	142.1	58 900 *				48.0
50.0	76.5	141.4	58 200 *	80.2	140.0	54 500 *	50.0
52.0	75.7	140.8	57 600 *	79.4	139.4	54 100 *	52.0
54.0	74.9	140.1	56 900 *	78.5	138.7	53 500 *	54.0
56.0	74.0	139.4	56 300 *	77.7	138.0	53 000 *	56.0
58.0	73.2	138.7	55 700 *	76.9	137.2	52 300 *	58.0
60.0	72.3	137.9	54 900 *	76.0	136.4	50 800 *	60.0
62.0	71.5	137.1	54 000 *	75.1	135.6	49 400 *	62.0
64.0	70.6	136.3	53 200 *	74.3	134.8	48 000 *	64.0
66.0	69.8	135.4	52 300 *	73.4	133.9	46 700 *	66.0
68.0	68.9	134.5	51 500 *	72.5	133.0	45 600 *	68.0

61.0m (200 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
72.0	67.2	132.5	47 100	70.8	131.0	43 300 *	72.0
76.0	65.4	130.4	42 400	69.0	128.9	41 200 *	76.0
80.0	63.6	128.2	38 200	67.1	126.6	39 300 *	80.0
84.0	61.7	125.7	34 500	65.3	124.1	36 900	84.0
88.0	59.9	123.1	31 100	63.4	121.5	33 300	88.0
92.0	57.9	120.3	28 000	61.4	118.6	30 000	92.0
96.0	56.0	117.3	24 900 *	59.4	115.6	27 100	96.0
100.0	53.9	114.1	21 700 *	57.4	112.3	24 200 *	100.0
104.0	51.8	110.6	18 900 *	55.2	108.7	21 000 *	104.0
108.0	49.7	106.8	16 200 *	53.0	104.9	18 200 *	108.0
112.0	47.4	102.8	13 700 *	50.7	100.8	15 500 *	112.0
116.0	45.1	98.4	11 400 *	48.4	96.3	13 000 *	116.0
120.0	42.7	93.6	9 300 *	45.8	91.4	10 700 *	120.0
124.0	40.1	88.4	7 200 *	43.2	86.1	8 500 *	124.0
128.0	37.3	82.6	5 400 *	40.3	80.1	6 400 *	128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
35.1	80.1	104.7	60 000 *				35.1
36.0	79.5	104.5	59 400 *				36.0
38.0	78.4	103.9	58 100 *				38.0
40.0	77.3	103.2	56 800 *				40.0
42.0	76.1	102.5	55 500 *				42.0
44.0	75.0	101.8	54 300 *				44.0
46.0	73.8	101.0	53 000 *	79.7	100.0	49 500 *	46.0
48.0	72.6	100.2	51 800 *	78.5	99.1	48 400 *	48.0
50.0	71.5	99.3	50 700 *	77.3	98.3	47 200 *	50.0
52.0	70.3	98.4	49 500 *	76.1	97.3	45 800 *	52.0
54.0	69.1	97.4	48 300 *	74.9	96.3	43 900 *	54.0
56.0	67.9	96.4	47 200 *	73.7	95.3	42 200 *	56.0
58.0	66.6	95.3	46 000 *	72.4	94.2	40 500 *	58.0
60.0	65.4	94.2	44 900 *	71.1	93.1	39 000 *	60.0
62.0	64.1	93.0	43 700 *	69.9	91.8	37 600 *	62.0
64.0	62.8	91.7	42 000 *	68.6	90.6	36 200 *	64.0
66.0	61.6	90.4	40 400 *	67.3	89.2	35 000 *	66.0
68.0	60.2	89.0	38 900 *	65.9	87.8	33 800 *	68.0
72.0	57.5	86.0	36 100 *	63.2	84.8	31 500 *	72.0
76.0	54.7	82.7	33 700 *	60.4	81.4	29 600 *	76.0
80.0	51.8	79.0	31 500 *	57.4	77.7	27 800 *	80.0
84.0	48.7	75.0	29 500 *	54.2	73.6	26 100 *	84.0
88.0	45.5	70.4	27 700 *	50.9	68.9	24 700 *	88.0
92.0	42.0	65.3	26 000 *	47.3	63.7	23 400 *	92.0
96.0	38.1	59.5	24 500 *	43.4	57.7	22 100 *	96.0
100.0	33.8	52.6	23 200 *	38.9	50.6	21 000 *	100.0
104.0	28.9	44.3	22 000 *				104.0

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
36.6	79.9	112.2	58 100 *				36.6
38.0	79.2	111.8	57 300 *				38.0
40.0	78.2	111.2	56 200 *				40.0
42.0	77.1	110.5	55 000 *				42.0
44.0	76.0	109.9	53 900 *				44.0
46.0	75.0	109.1	52 800 *	80.4	108.0	48 900 *	46.0
48.0	73.9	108.4	51 800 *	79.3	107.2	47 900 *	48.0
50.0	72.8	107.6	50 700 *	78.2	106.4	47 000 *	50.0
52.0	71.7	106.7	49 600 *	77.1	105.6	46 000 *	52.0
54.0	70.6	105.8	48 500 *	76.0	104.6	45 000 *	54.0
56.0	69.5	104.9	47 500 *	74.9	103.7	43 700 *	56.0
58.0	68.3	103.9	46 400 *	73.7	102.7	42 000 *	58.0
60.0	67.2	102.8	45 400 *	72.6	101.6	40 500 *	60.0
62.0	66.1	101.7	44 400 *	71.4	100.5	39 100 *	62.0
64.0	64.9	100.6	43 400 *	70.2	99.4	37 800 *	64.0
66.0	63.7	99.4	42 500 *	69.1	98.1	36 500 *	66.0
68.0	62.5	98.1	41 400 *	67.8	96.9	35 300 *	68.0
72.0	60.1	95.4	38 600 *	65.4	94.1	33 100 *	72.0
76.0	57.6	92.5	36 000 *	62.8	91.1	31 100 *	76.0
80.0	55.0	89.2	33 700 *	60.2	87.8	29 300 *	80.0
84.0	52.3	85.7	31 700 *	57.5	84.2	27 700 *	84.0
88.0	49.5	81.8	29 800 *	54.6	80.2	26 200 *	88.0
92.0	46.5	77.4	28 100 *	51.5	75.8	24 900 *	92.0
96.0	43.3	72.6	26 600 *	48.3	70.9	23 600 *	96.0
100.0	39.9	67.2	25 200 *	44.8	65.3	22 500 *	100.0
104.0	36.2	60.9	23 800 *	41.0	58.8	21 500 *	104.0
108.0	32.0	53.7	22 600 *	36.6	51.3	20 500 *	108.0
112.0	27.1	44.8	21 600 *				112.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
36.6	80.6	120.0	57 900 *				36.6
38.0	79.9	119.7	57 200 *				38.0
40.0	78.9	119.1	56 100 *				40.0
42.0	77.9	118.5	55 100 *				42.0
44.0	76.9	117.9	54 100 *				44.0
46.0	75.9	117.2	53 000 *				46.0
48.0	74.9	116.5	52 100 *	80.0	115.3	48 200 *	48.0
50.0	73.9	115.7	51 000 *	79.0	114.5	47 300 *	50.0
52.0	72.9	115.0	50 000 *	78.0	113.7	46 400 *	52.0
54.0	71.9	114.1	49 100 *	77.0	112.9	45 500 *	54.0
56.0	70.9	113.2	48 100 *	75.9	112.0	44 600 *	56.0
58.0	69.8	112.3	47 100 *	74.9	111.0	43 600 *	58.0
60.0	68.8	111.4	46 200 *	73.8	110.1	42 100 *	60.0
62.0	67.7	110.4	45 300 *	72.7	109.0	40 700 *	62.0
64.0	66.7	109.3	44 400 *	71.7	108.0	39 400 *	64.0
66.0	65.6	108.2	43 400 *	70.6	106.9	38 100 *	66.0
68.0	64.5	107.1	42 500 *	69.5	105.7	36 900 *	68.0
72.0	62.3	104.6	40 800 *	67.2	103.2	34 700 *	72.0
76.0	60.0	101.9	38 400 *	64.9	100.5	32 700 *	76.0
80.0	57.6	99.0	36 000 *	62.5	97.5	30 900 *	80.0
84.0	55.2	95.8	33 900 *	60.1	94.3	29 200 *	84.0
88.0	52.7	92.3	32 000 *	57.5	90.7	27 700 *	88.0
92.0	50.1	88.5	30 200 *	54.9	86.9	26 300 *	92.0
96.0	47.4	84.3	28 600 *	52.1	82.6	25 000 *	96.0
100.0	44.5	79.7	27 100 *	49.1	77.9	23 900 *	100.0
104.0	41.4	74.6	25 700 *	46.0	72.6	22 800 *	104.0
108.0	38.1	68.9	24 500 *	42.6	66.7	21 900 *	108.0
112.0	34.5	62.3	22 500 *	38.8	59.9	21 000 *	112.0
116.0	30.4	54.6	20 100 *				116.0
120.0	25.5	45.2	17 900 *				120.0

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
38.1	80.5	127.5	56 800 *				38.1
40.0	79.6	127.0	55 900 *				40.0
42.0	78.7	126.4	54 900 *				42.0
44.0	77.7	125.8	54 000 *				44.0
46.0	76.8	125.2	53 100 *				46.0
48.0	75.9	124.5	52 100 *	80.7	123.2	48 400 *	48.0
50.0	74.9	123.8	51 200 *	79.7	122.5	47 600 *	50.0
52.0	74.0	123.1	50 200 *	78.8	121.8	46 800 *	52.0
54.0	73.0	122.3	49 300 *	77.8	121.0	45 900 *	54.0
56.0	72.1	121.5	48 300 *	76.8	120.2	45 100 *	56.0
58.0	71.1	120.7	47 400 *	75.8	119.3	44 300 *	58.0
60.0	70.1	119.8	46 500 *	74.9	118.4	43 500 *	60.0
62.0	69.2	118.8	45 600 *	73.9	117.4	42 500 *	62.0
64.0	68.2	117.9	44 700 *	72.9	116.5	41 100 *	64.0
66.0	67.2	116.8	43 900 *	71.9	115.4	39 800 *	66.0
68.0	66.2	115.8	43 100 *	70.8	114.3	38 600 *	68.0
72.0	64.1	113.5	41 500 *	68.8	112.1	36 400 *	72.0
76.0	62.0	111.0	40 100 *	66.6	109.6	34 300 *	76.0
80.0	59.9	108.4	38 500 *	64.5	106.8	32 500 *	80.0
84.0	57.7	105.5	36 200 *	62.2	103.9	30 800 *	84.0
88.0	55.4	102.3	34 200 *	60.0	100.7	29 300 *	88.0
92.0	53.1	98.9	32 400 *	57.6	97.3	27 800 *	92.0
96.0	50.7	95.2	30 100	55.1	93.5	26 500 *	96.0
100.0	48.1	91.2	27 500	52.5	89.4	25 300 *	100.0
104.0	45.5	86.8	25 200	49.8	84.8	24 200 *	104.0
108.0	42.7	81.9	22 700 *	46.9	79.8	23 200 *	108.0
112.0	39.7	76.5	20 200 *	43.9	74.3	21 500 *	112.0
116.0	36.5	70.4	17 900 *	40.5	68.0	19 000 *	116.0
120.0	32.9	63.5	15 800 *	36.8	60.8	16 700 *	120.0
124.0	28.9	55.4	13 700 *				124.0
128.0	24.1	45.4	11 800 *				128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
38.1	81.0	135.3	56 000 *				38.1
40.0	80.2	134.8	55 200 *				40.0
42.0	79.3	134.3	54 300 *				42.0
44.0	78.5	133.8	53 400 *				44.0
46.0	77.6	133.2	52 500 *				46.0
48.0	76.7	132.5	51 600 *				48.0
50.0	75.8	131.9	50 700 *	80.3	130.5	47 200 *	50.0
52.0	74.9	131.2	49 800 *	79.4	129.8	46 500 *	52.0
54.0	74.0	130.5	48 800 *	78.5	129.0	45 800 *	54.0
56.0	73.1	129.7	47 900 *	77.6	128.3	45 000 *	56.0
58.0	72.2	128.9	47 100 *	76.7	127.5	44 300 *	58.0
60.0	71.3	128.1	46 200 *	75.8	126.6	43 600 *	60.0
62.0	70.4	127.2	45 400 *	74.9	125.7	42 900 *	62.0
64.0	69.5	126.3	44 500 *	73.9	124.8	42 100 *	64.0
66.0	68.6	125.3	43 800 *	73.0	123.9	41 400 *	66.0
68.0	67.6	124.4	43 000 *	72.0	122.9	40 500 *	68.0
72.0	65.7	122.2	41 500 *	70.1	120.7	38 200 *	72.0
76.0	63.8	120.0	40 100 *	68.2	118.4	36 100 *	76.0
80.0	61.8	117.5	38 800 *	66.2	115.9	34 200 *	80.0
84.0	59.8	114.8	37 500 *	64.1	113.2	32 500 *	84.0
88.0	57.7	112.0	34 300 *	62.0	110.3	30 900 *	88.0
92.0	55.6	108.9	31 200 *	59.9	107.2	29 400 *	92.0
96.0	53.4	105.5	28 400 *	57.6	103.8	28 100 *	96.0
100.0	51.1	101.9	25 800 *	55.3	100.1	26 800 *	100.0
104.0	48.8	98.0	23 100 *	52.9	96.1	24 900 *	104.0
108.0	46.3	93.7	20 400 *	50.4	91.7	22 200 *	108.0
112.0	43.8	89.1	18 000 *	47.8	86.9	19 600 *	112.0
116.0	41.0	83.9	15 700 *	45.0	81.7	17 100 *	116.0
120.0	38.1	78.3	13 600 *	42.0	75.8	14 800 *	120.0
124.0	34.9	71.9	11 600 *	38.7	69.2	12 600 *	124.0
128.0	31.5	64.6	9 600 *	35.0	61.6	10 500 *	128.0
132.0	27.5	56.0	7 800 *				132.0

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
41.1	80.3	142.4	52 700 *				41.1
42.0	79.9	142.2	52 300 *				42.0
44.0	79.1	141.6	51 500 *				44.0
46.0	78.3	141.1	50 700 *				46.0
48.0	77.4	140.5	49 800 *				48.0
50.0	76.6	139.9	49 000 *				50.0
52.0	75.8	139.2	48 200 *	80.0	137.8	46 600 *	52.0
54.0	74.9	138.5	47 300 *	79.2	137.1	45 900 *	54.0
56.0	74.1	137.8	46 500 *	78.3	136.3	45 300 *	56.0
58.0	73.2	137.1	45 700 *	77.5	135.6	44 600 *	58.0
60.0	72.4	136.3	44 900 *	76.6	134.8	43 900 *	60.0
62.0	71.5	135.5	44 100 *	75.7	134.0	43 300 *	62.0
64.0	70.6	134.6	43 300 *	74.9	133.1	42 600 *	64.0
66.0	69.8	133.7	42 600 *	74.0	132.2	42 000 *	66.0
68.0	68.9	132.8	41 800 *	73.1	131.3	41 200 *	68.0
72.0	67.1	130.8	40 400 *	71.3	129.3	39 100 *	72.0
76.0	65.3	128.7	39 000 *	69.5	127.1	37 100 *	76.0
80.0	63.5	126.4	37 700 *	67.6	124.8	35 200 *	80.0
84.0	61.6	124.0	36 200 *	65.7	122.3	33 500 *	84.0
88.0	59.7	121.3	32 800 *	63.8	119.6	31 900 *	88.0
92.0	57.8	118.5	29 700 *	61.8	116.7	30 500 *	92.0
96.0	55.8	115.4	26 900 *	59.8	113.6	28 900 *	96.0
100.0	53.7	112.1	24 000 *	57.7	110.3	26 100 *	100.0
104.0	51.6	108.6	21 100 *	55.5	106.7	23 400 *	104.0
108.0	49.4	104.7	18 400 *	53.3	102.8	20 500 *	108.0
112.0	47.1	100.6	16 000 *	50.9	98.5	17 800 *	112.0
116.0	44.7	96.1	13 600 *	48.5	93.9	15 400 *	116.0
120.0	42.2	91.2	11 500 *	45.9	88.9	13 000 *	120.0
124.0	39.5	85.8	9 500 *	43.2	83.4	10 800 *	124.0
128.0	36.7	79.9	7 600 *	40.2	77.2	8 700 *	128.0
132.0	33.6	73.2	5 700 *	37.0	70.3	6 700 *	132.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
42.7	80.2	149.8	52 300 *				42.7
44.0	79.6	149.5	51 900 *				44.0
46.0	78.9	149.0	51 300 *				46.0
48.0	78.1	148.4	50 600 *				48.0
50.0	77.3	147.8	49 900 *				50.0
52.0	76.5	147.2	49 200 *	80.6	145.7	46 000 *	52.0
54.0	75.7	146.6	48 500 *	79.8	145.0	45 400 *	54.0
56.0	74.9	145.9	47 800 *	78.9	144.3	44 900 *	56.0
58.0	74.1	145.2	47 000 *	78.1	143.6	44 300 *	58.0
60.0	73.3	144.5	46 300 *	77.3	142.9	43 700 *	60.0
62.0	72.5	143.7	45 600 *	76.5	142.1	43 200 *	62.0
64.0	71.7	142.9	44 900 *	75.7	141.3	42 600 *	64.0
66.0	70.9	142.0	44 100 *	74.8	140.4	42 000 *	66.0
68.0	70.0	141.2	43 900 *	74.0	139.6	41 400 *	68.0
72.0	68.4	139.3	42 100 *	72.3	137.7	39 800 *	72.0

67.1m (220 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
83.8m (275 ft.) Boom							
76.0	66.7	137.3	40 800 *	70.6	135.7	37 800 *	76.0
80.0	65.0	135.2	38 900	68.9	133.5	36 000 *	80.0
84.0	63.2	132.9	35 000	67.1	131.2	34 300 *	84.0
88.0	61.5	130.4	31 600	65.3	128.7	32 800 *	88.0
92.0	59.6	127.8	28 500	63.5	126.0	30 900	92.0
96.0	57.8	125.0	25 600	61.6	123.1	27 800	96.0
100.0	55.9	121.9	22 500 *	59.7	120.1	25 000	100.0
104.0	53.9	118.7	19 600 *	57.7	116.8	22 100 *	104.0
108.0	51.9	115.2	16 900 *	55.7	113.2	19 200 *	108.0
112.0	49.9	111.5	14 400 *	53.6	109.4	16 500 *	112.0
116.0	47.7	107.4	12 100 *	51.4	105.3	14 000 *	116.0
120.0	45.5	103.1	9 900 *	49.1	100.9	11 700 *	120.0
124.0	43.2	98.4	7 900 *	46.7	96.1	9 500 *	124.0
128.0	40.7	93.3	6 000 *	44.2	90.8	7 400 *	128.0
132.0				41.5	85.0	5 400 *	132.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 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

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
36.6	80.9	110.6	51 300 *				36.6
38.0	80.1	110.1	50 400 *				38.0
40.0	79.1	109.5	49 400 *				40.0
42.0	78.0	108.9	48 200 *				42.0
44.0	76.9	108.2	47 100 *				44.0
46.0	75.8	107.5	45 900 *				46.0
48.0	74.7	106.7	44 800 *	80.5	105.6	41 300 *	48.0
50.0	73.6	105.9	43 700 *	79.4	104.8	40 200 *	50.0
52.0	72.5	105.0	42 600 *	78.3	103.9	39 200 *	52.0
54.0	71.4	104.1	41 500 *	77.2	103.0	38 200 *	54.0
56.0	70.3	103.1	40 400 *	76.0	102.0	37 200 *	56.0
58.0	69.1	102.1	39 400 *	74.9	101.0	36 200 *	58.0
60.0	68.0	101.1	38 400 *	73.7	99.9	35 300 *	60.0
62.0	66.8	100.0	37 400 *	72.5	98.8	34 400 *	62.0
64.0	65.6	98.8	36 400 *	71.3	97.6	33 500 *	64.0
66.0	64.4	97.6	35 400 *	70.1	96.4	32 500 *	66.0
68.0	63.2	96.3	34 500 *	68.9	95.1	31 400 *	68.0
72.0	60.7	93.5	32 700 *	66.3	92.3	29 200 *	72.0
76.0	58.1	90.5	30 900 *	63.7	89.2	27 300 *	76.0
80.0	55.5	87.2	29 300 *	61.0	85.9	25 600 *	80.0
84.0	52.7	83.5	27 300 *	58.2	82.2	24 000 *	84.0
88.0	49.8	79.5	25 600 *	55.3	78.1	22 600 *	88.0
92.0	46.8	75.0	24 000 *	52.1	73.5	21 300 *	92.0
96.0	43.5	70.0	22 500 *	48.8	68.4	20 100 *	96.0
100.0	39.9	64.4	21 200 *	45.2	62.5	19 000 *	100.0
104.0	36.0	57.8	20 000 *	41.1	55.8	18 100 *	104.0
108.0	31.6	50.1	18 900 *	36.4	47.7	17 100 *	108.0
112.0	26.2	40.4	17 900 *				112.0

Meets
ANSI B30.5
Requirements

888 RINGER

73.2m (240 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
38.1	80.7	118.0	50 300 *				38.1
40.0	79.8	117.5	49 300 *				40.0
42.0	78.8	116.9	48 300 *				42.0
44.0	77.8	116.2	47 300 *				44.0
46.0	76.8	115.5	46 300 *				46.0
48.0	75.8	114.8	45 200 *				48.0
50.0	74.7	114.1	44 200 *	80.1	112.9	40 500 *	50.0
52.0	73.7	113.2	43 200 *	79.1	112.0	39 500 *	52.0
54.0	72.7	112.4	42 200 *	78.1	111.2	38 600 *	54.0
56.0	71.6	111.5	41 200 *	77.0	110.3	37 700 *	56.0
58.0	70.6	110.6	40 200 *	75.9	109.3	36 800 *	58.0
60.0	69.5	109.6	39 200 *	74.8	108.4	35 900 *	60.0
62.0	68.4	108.6	38 300 *	73.8	107.3	35 000 *	62.0
64.0	67.3	107.5	37 400 *	72.7	106.2	34 200 *	64.0
66.0	66.2	106.4	36 500 *	71.5	105.1	33 400 *	66.0
68.0	65.1	105.2	35 600 *	70.4	103.9	32 500 *	68.0
72.0	62.9	102.7	33 900 *	68.1	101.4	30 500 *	72.0
76.0	60.5	100.0	32 200 *	65.8	98.6	28 600 *	76.0
80.0	58.2	97.0	30 600 *	63.4	95.6	26 900 *	80.0
84.0	55.7	93.7	29 100 *	60.8	92.3	25 300 *	84.0
88.0	53.1	90.2	27 400 *	58.2	88.6	23 900 *	88.0
92.0	50.4	86.3	25 800 *	55.5	84.7	22 600 *	92.0
96.0	47.6	82.0	24 300 *	52.6	80.3	21 400 *	96.0
100.0	44.7	77.2	22 900 *	49.6	75.4	20 200 *	100.0
104.0	41.5	71.9	21 700 *	46.3	70.0	19 300 *	104.0
108.0	38.0	65.9	20 500 *	42.8	63.8	18 300 *	108.0
112.0	34.2	59.0	19 500 *	38.8	56.6	17 500 *	112.0
116.0	29.8	50.8	18 500 *				116.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

73.2m (240 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
39.6	80.6	125.4	49 300 *				39.6
40.0	80.4	125.3	49 100 *				40.0
42.0	79.5	124.8	48 200 *				42.0
44.0	78.6	124.2	47 300 *				44.0
46.0	77.6	123.5	46 400 *				46.0
48.0	76.7	122.9	45 500 *				48.0
50.0	75.7	122.2	44 500 *				50.0
52.0	74.7	121.4	43 600 *	79.8	120.1	39 900 *	52.0
54.0	73.8	120.6	42 700 *	78.8	119.3	39 000 *	54.0
56.0	72.8	119.8	41 700 *	77.8	118.5	38 200 *	56.0
58.0	71.8	118.9	40 800 *	76.9	117.6	37 400 *	58.0
60.0	70.8	118.0	40 000 *	75.8	116.7	36 500 *	60.0
62.0	69.8	117.1	39 100 *	74.8	115.7	35 700 *	62.0
64.0	68.8	116.1	38 200 *	73.8	114.7	34 900 *	64.0
66.0	67.8	115.0	37 400 *	72.8	113.7	34 200 *	66.0
68.0	66.8	114.0	36 500 *	71.8	112.6	33 400 *	68.0
72.0	64.7	111.7	34 900 *	69.7	110.2	31 900 *	72.0
76.0	62.6	109.2	33 300 *	67.5	107.7	30 000 *	76.0
80.0	60.4	106.4	31 800 *	65.3	104.9	28 300 *	80.0
84.0	58.2	103.5	30 400 *	63.0	101.9	26 600 *	84.0
88.0	55.9	100.3	29 000 *	60.7	98.7	25 200 *	88.0
92.0	53.5	96.8	27 600 *	58.2	95.1	23 900 *	92.0
96.0	51.0	93.0	26 100 *	55.7	91.3	22 700 *	96.0
100.0	48.4	88.9	24 700 *	53.1	87.0	21 500 *	100.0
104.0	45.7	84.3	23 400 *	50.3	82.4	20 500 *	104.0
108.0	42.8	79.3	22 100 *	47.3	77.2	19 500 *	108.0
112.0	39.7	73.7	21 000 *	44.1	71.5	18 700 *	112.0
116.0	36.3	67.4	20 000 *	40.6	64.9	17 800 *	116.0
120.0	32.6	60.1	18 500 *	36.7	57.3	17 100 *	120.0
124.0	28.3	51.4	16 400 *				124.0

73.2m (240 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
41.1	80.5	132.9	47 400 *				41.1
42.0	80.1	132.6	47 000 *				42.0
44.0	79.2	132.1	46 200 *				44.0
46.0	78.3	131.5	45 400 *				46.0
48.0	77.4	130.9	44 600 *				48.0
50.0	76.5	130.2	43 800 *				50.0
52.0	75.6	129.5	43 000 *	80.4	128.1	40 200 *	52.0
54.0	74.7	128.8	42 200 *	79.5	127.3	39 400 *	54.0
56.0	73.8	128.0	41 400 *	78.6	126.6	38 600 *	56.0
58.0	72.9	127.2	40 600 *	77.7	125.7	37 800 *	58.0
60.0	72.0	126.3	39 800 *	76.7	124.9	37 100 *	60.0
62.0	71.1	125.4	39 100 *	75.8	124.0	36 300 *	62.0
64.0	70.1	124.5	38 400 *	74.8	123.1	35 600 *	64.0
66.0	69.2	123.6	37 700 *	73.9	122.1	34 800 *	66.0
68.0	68.2	122.6	37 200 *	72.9	121.1	34 100 *	68.0
72.0	66.3	120.4	35 700 *	71.0	118.9	32 700 *	72.0
76.0	64.3	118.1	34 200 *	69.0	116.6	31 400 *	76.0
80.0	62.3	115.6	32 800 *	66.9	114.0	29 700 *	80.0
84.0	60.3	112.9	31 400 *	64.9	111.3	28 000 *	84.0
88.0	58.2	110.0	30 100 *	62.7	108.3	26 600 *	88.0
92.0	56.0	106.8	28 800 *	60.5	105.1	25 200 *	92.0
96.0	53.8	103.4	27 600 *	58.3	101.6	24 000 *	96.0
100.0	51.5	99.7	26 400 *	55.9	97.9	22 800 *	100.0
104.0	49.1	95.7	25 100 *	53.4	93.8	21 800 *	104.0
108.0	46.5	91.3	23 200 *	50.9	89.3	20 800 *	108.0
112.0	43.9	86.5	20 800 *	48.1	84.4	19 800 *	112.0
116.0	41.1	81.2	18 500 *	45.2	78.9	19 000 *	116.0
120.0	38.0	75.3	16 300 *	42.1	72.8	17 500 *	120.0
124.0	34.7	68.7	14 300 *	38.7	65.9	15 300 *	124.0
128.0	31.1	61.0	12 300 *	34.8	57.9	13 200 *	128.0
132.0	26.8	51.8	10 500 *				132.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 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

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
41.1	81.0	140.7	46 600 *				41.1
42.0	80.6	140.5	46 300 *				42.0
44.0	79.8	140.0	45 500 *				44.0
46.0	79.0	139.4	44 800 *				46.0
48.0	78.1	138.8	44 100 *				48.0
50.0	77.3	138.2	43 300 *				50.0
52.0	76.5	137.5	42 600 *	81.0	136.0	39 900 *	52.0
54.0	75.6	136.8	41 800 *	80.1	135.3	39 200 *	54.0
56.0	74.7	136.1	41 100 *	79.2	134.6	38 500 *	56.0
58.0	73.9	135.4	40 300 *	78.4	133.8	37 800 *	58.0
60.0	73.0	134.6	39 600 *	77.5	133.0	37 100 *	60.0
62.0	72.1	133.7	38 900 *	76.6	132.2	36 400 *	62.0
64.0	71.3	132.9	38 200 *	75.7	131.3	35 700 *	64.0
66.0	70.4	132.0	37 500 *	74.8	130.4	35 000 *	66.0
68.0	69.5	131.0	36 900 *	73.9	129.5	34 400 *	68.0
72.0	67.7	129.0	35 600 *	72.1	127.4	33 000 *	72.0
76.0	65.9	126.9	34 400 *	70.3	125.3	31 800 *	76.0
80.0	64.0	124.6	33 300 *	68.4	122.9	30 600 *	80.0
84.0	62.1	122.0	32 100 *	66.5	120.4	29 300 *	84.0
88.0	60.2	119.4	30 900 *	64.5	117.6	28 000 *	88.0
92.0	58.2	116.5	29 700 *	62.5	114.7	26 600 *	92.0
96.0	56.1	113.3	28 500 *	60.4	111.5	25 400 *	96.0
100.0	54.0	110.0	26 200	58.3	108.1	24 100 *	100.0
104.0	51.9	106.4	23 700 *	56.0	104.4	23 000 *	104.0
108.0	49.6	102.5	21 000 *	53.8	100.4	22 000 *	108.0
112.0	47.3	98.2	18 500 *	51.4	96.1	20 500 *	112.0
116.0	44.8	93.6	16 300 *	48.8	91.4	17 900 *	116.0
120.0	42.2	88.6	14 100 *	46.2	86.2	15 600 *	120.0
124.0	39.5	83.0	12 100 *	43.4	80.5	13 400 *	124.0
128.0	36.5	76.8	10 200 *	40.3	74.1	11 300 *	128.0
132.0	33.3	69.9	8 400 *	36.9	66.8	9 400 *	132.0
136.0	29.7	61.8	6 600 *				136.0
140.0	25.5	52.1	5 000 *				140.0

Meets
ANSI B30.5
Requirements

888 RINGER

73.2m (240 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
42.7	80.9	148.2	44 500 *				42.7
44.0	80.3	147.8	44 100 *				44.0
46.0	79.6	147.3	43 400 *				46.0
48.0	78.8	146.7	42 700 *				48.0
50.0	78.0	146.1	42 000 *				50.0
52.0	77.2	145.5	41 300 *				52.0
54.0	76.4	144.9	40 600 *	80.6	143.3	39 400 *	54.0
56.0	75.6	144.2	39 900 *	79.8	142.6	38 800 *	56.0
58.0	74.7	143.5	39 200 *	79.0	141.9	38 100 *	58.0
60.0	73.9	142.7	38 500 *	78.2	141.1	37 500 *	60.0
62.0	73.1	141.9	37 900 *	77.4	140.3	36 800 *	62.0
64.0	72.3	141.1	37 900 *	76.5	139.5	36 200 *	64.0
66.0	71.5	140.3	36 500 *	75.7	138.7	35 600 *	66.0
68.0	70.6	139.4	36 000 *	74.8	137.8	35 000 *	68.0
72.0	68.9	137.5	34 700 *	73.1	135.9	33 700 *	72.0
76.0	67.2	135.5	33 700 *	71.4	133.8	32 500 *	76.0
80.0	65.5	133.3	32 500 *	69.6	131.6	31 300 *	80.0
84.0	63.7	131.0	31 400 *	67.8	129.3	30 200 *	84.0
88.0	61.9	128.5	30 400 *	66.0	126.7	28 900 *	88.0
92.0	60.1	125.8	29 400 *	64.1	124.0	27 500 *	92.0
96.0	58.2	122.9	27 400	62.2	121.1	26 200 *	96.0
100.0	56.3	119.9	24 700	60.3	118.0	25 000 *	100.0
104.0	54.3	116.6	21 700 *	58.3	114.6	23 900 *	104.0
108.0	52.2	113.0	19 100 *	56.2	111.0	21 400 *	108.0
112.0	50.1	109.2	16 600 *	54.0	107.1	18 700 *	112.0
116.0	47.9	105.1	14 300 *	51.8	102.9	16 300 *	116.0
120.0	45.7	100.6	12 100 *	49.5	98.3	13 900 *	120.0
124.0	43.3	95.8	10 100 *	47.0	93.4	11 700 *	124.0
128.0	40.7	90.5	8 200 *	44.4	88.0	9 600 *	128.0
132.0	38.0	84.7	6 300 *	41.6	82.0	7 600 *	132.0
136.0				38.6	75.3	5 700 *	136.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 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

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
38.1	80.8	116.5	43 300 *				38.1
40.0	79.8	115.9	42 500 *				40.0
42.0	78.8	115.3	41 700 *				42.0
44.0	77.8	114.7	40 800 *				44.0
46.0	76.7	114.0	39 800 *				46.0
48.0	75.7	113.3	38 800 *				48.0
50.0	74.7	112.5	37 700 *	80.3	111.5	34 700 *	50.0
52.0	73.6	111.7	36 700 *	79.2	110.7	33 700 *	52.0
54.0	72.6	110.8	35 700 *	78.2	109.8	32 700 *	54.0
56.0	71.5	109.9	34 700 *	77.1	108.9	31 800 *	56.0
58.0	70.4	109.0	33 700 *	76.0	108.0	30 900 *	58.0
60.0	69.4	108.0	32 700 *	74.9	107.0	30 000 *	60.0
62.0	68.3	106.9	31 800 *	73.8	105.9	29 100 *	62.0
64.0	67.2	105.9	30 900 *	72.7	104.8	28 300 *	64.0
66.0	66.0	104.7	29 900 *	71.6	103.7	27 400 *	66.0
68.0	64.9	103.5	29 100 *	70.4	102.5	26 500 *	68.0
72.0	62.6	101.0	27 400 *	68.1	99.9	24 900 *	72.0
76.0	60.3	98.2	25 800 *	65.7	97.1	23 400 *	76.0
80.0	57.8	95.2	24 200 *	63.2	94.0	22 000 *	80.0
84.0	55.3	91.8	22 700 *	60.7	90.6	20 600 *	84.0
88.0	52.7	88.2	21 300 *	58.0	86.9	19 400 *	88.0
92.0	49.9	84.2	20 000 *	55.3	82.9	18 200 *	92.0
96.0	47.1	79.8	18 800 *	52.3	78.4	17 100 *	96.0
100.0	44.0	74.9	17 600 *	49.2	73.4	16 000 *	100.0
104.0	40.7	69.4	16 500 *	45.8	67.8	15 000 *	104.0
108.0	37.1	63.1	15 500 *	42.1	61.4	14 100 *	108.0
112.0	33.1	55.9	14 600 *	38.0	53.8	13 300 *	112.0
116.0	28.4	47.1	13 700 *				116.0

Meets
ANSI B30.5
Requirements

888 RINGER

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
39.6	80.6	123.9	42 200 *				39.6
40.0	80.4	123.8	42 000 *				40.0
42.0	79.5	123.3	41 200 *				42.0
44.0	78.5	122.6	40 800 *				44.0
46.0	77.6	122.0	39 700 *				46.0
48.0	76.6	121.3	38 900 *				48.0
50.0	75.7	120.6	38 100 *				50.0
52.0	74.7	119.8	37 200 *	79.9	118.8	33 900 *	52.0
54.0	73.7	119.1	36 300 *	78.9	118.0	33 100 *	54.0
56.0	72.7	118.2	35 300 *	77.9	117.1	32 200 *	56.0
58.0	71.7	117.3	34 400 *	76.9	116.2	31 300 *	58.0
60.0	70.7	116.4	33 500 *	75.9	115.3	30 500 *	60.0
62.0	69.7	115.5	32 600 *	74.9	114.3	29 700 *	62.0
64.0	68.7	114.5	31 800 *	73.9	113.3	28 900 *	64.0
66.0	67.7	113.4	30 900 *	72.8	112.2	28 100 *	66.0
68.0	66.6	112.3	30 100 *	71.8	111.1	27 300 *	68.0
72.0	64.5	110.0	28 400 *	69.6	108.8	25 800 *	72.0
76.0	62.4	107.4	26 900 *	67.5	106.2	24 300 *	76.0
80.0	60.1	104.6	25 400 *	65.2	103.4	23 000 *	80.0
84.0	57.9	101.6	24 000 *	62.9	100.4	21 700 *	84.0
88.0	55.5	98.4	22 600 *	60.5	97.0	20 400 *	88.0
92.0	53.1	94.8	21 300 *	58.1	93.4	19 300 *	92.0
96.0	50.5	91.0	20 100 *	55.5	89.5	18 100 *	96.0
100.0	47.9	86.7	19 000 *	52.8	85.2	17 100 *	100.0
104.0	45.1	82.0	17 900 *	49.9	80.4	16 100 *	104.0
108.0	42.1	76.9	16 800 *	46.9	75.1	15 200 *	108.0
112.0	38.9	71.1	15 900 *	43.6	69.2	14 400 *	112.0
116.0	35.4	64.5	15 000 *	40.0	62.4	13 700 *	116.0
120.0	31.4	56.8	14 100 *	35.8	54.4	13 000 *	120.0
124.0	26.8	47.4	13 400 *				124.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
41.1	80.5	131.4	40 800 *				41.1
42.0	80.1	131.1	40 500 *				42.0
44.0	79.2	130.6	39 800 *				44.0
46.0	78.3	130.0	39 000 *				46.0
48.0	77.4	129.3	38 300 *				48.0
50.0	76.5	128.7	37 600 *				50.0
52.0	75.6	127.9	36 900 *	80.5	126.8	34 200 *	52.0
54.0	74.7	127.2	36 200 *	79.6	126.0	33 400 *	54.0
56.0	73.8	126.4	35 500 *	78.7	125.2	32 700 *	56.0
58.0	72.8	125.6	34 800 *	77.7	124.4	31 800 *	58.0
60.0	71.9	124.7	34 100 *	76.8	123.5	31 100 *	60.0
62.0	71.0	123.8	33 400 *	75.8	122.6	30 300 *	62.0
64.0	70.0	122.9	32 500 *	74.9	121.7	29 500 *	64.0
66.0	69.1	121.9	31 700 *	73.9	120.7	28 800 *	66.0
68.0	68.1	120.9	30 900 *	72.9	119.7	28 100 *	68.0

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
72.0	66.1	118.8	29 400 *	71.0	117.5	26 600 *	72.0
76.0	64.1	116.4	27 900 *	69.0	115.1	25 200 *	76.0
80.0	62.1	113.9	26 500 *	66.9	112.5	23 900 *	80.0
84.0	60.0	111.1	25 100 *	64.8	109.7	22 600 *	84.0
88.0	57.9	108.1	23 800 *	62.6	106.7	21 400 *	88.0
92.0	55.7	104.9	22 600 *	60.4	103.5	20 300 *	92.0
96.0	53.4	101.4	21 300 *	58.1	99.9	19 200 *	96.0
100.0	51.0	97.7	20 200 *	55.7	96.1	18 200 *	100.0
104.0	48.6	93.6	19 100 *	53.2	91.9	17 200 *	104.0
108.0	46.0	89.1	18 100 *	50.5	87.3	16 300 *	108.0
112.0	43.3	84.1	17 100 *	47.7	82.3	15 500 *	112.0
116.0	40.4	78.7	16 200 *	44.8	76.7	14 700 *	116.0
120.0	37.2	72.6	15 300 *	41.5	70.4	13 900 *	120.0
124.0	33.8	65.6	14 500 *	38.0	63.3	13 300 *	124.0
128.0	29.9	57.5	13 800 *	33.9	54.8	12 700 *	128.0
132.0	25.3	47.7	13 100 *				132.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

888 RINGER

Meets
ANSI B30.5
Requirements

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
41.1	81.0	139.2	39 900 *				41.1
42.0	80.7	139.0	39 600 *				42.0
44.0	79.8	138.5	38 900 *				44.0
46.0	79.0	137.9	38 200 *				46.0
48.0	78.1	137.3	37 500 *				48.0
50.0	77.3	136.7	36 800 *				50.0
52.0	76.4	136.0	36 200 *				52.0
54.0	75.6	135.3	35 500 *	80.2	134.0	33 800 *	54.0
56.0	74.7	134.6	34 900 *	79.3	133.3	33 000 *	56.0
58.0	73.8	133.8	34 200 *	78.5	132.5	32 300 *	58.0
60.0	72.9	133.0	33 600 *	77.6	131.7	31 600 *	60.0
62.0	72.1	132.1	32 900 *	76.7	130.8	30 900 *	62.0
64.0	71.2	131.3	32 300 *	75.8	129.9	30 200 *	64.0
66.0	70.3	130.4	31 700 *	74.9	129.0	29 400 *	66.0
68.0	69.4	129.4	31 100 *	74.0	128.1	28 700 *	68.0
72.0	67.6	127.4	30 000 *	72.1	126.0	27 400 *	72.0
76.0	65.7	125.2	28 800 *	70.3	123.8	26 100 *	76.0
80.0	63.8	122.8	27 400 *	68.4	121.4	24 800 *	80.0
84.0	61.9	120.3	26 100 *	66.4	118.9	23 600 *	84.0
88.0	59.9	117.6	24 800 *	64.4	116.1	22 400 *	88.0

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
92.0	57.9	114.6	23 600 *	62.4	113.1	21 300 *	92.0
96.0	55.8	111.5	22 500 *	60.3	109.9	20 200 *	96.0
100.0	53.7	108.0	21 400 *	58.1	106.4	19 200 *	100.0
104.0	51.5	104.4	20 300 *	55.8	102.7	18 300 *	104.0
108.0	49.2	100.4	19 300 *	53.5	98.6	17 400 *	108.0
112.0	46.8	96.0	18 300 *	51.1	94.2	16 500 *	112.0
116.0	44.3	91.3	17 400 *	48.5	89.4	15 700 *	116.0
120.0	41.6	86.1	16 500 *	45.8	84.1	14 900 *	120.0
124.0	38.8	80.4	14 900 *	42.9	78.2	14 200 *	124.0
128.0	35.7	74.0	13 000 *	39.7	71.6	13 600 *	128.0
132.0	32.3	66.7	11 200 *	36.2	64.0	12 200 *	132.0
136.0	28.5	58.2	9 600 *				136.0
140.0	24.0	47.8	7 900 *				140.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
42.7	80.9	146.7	38 800 *				42.7
44.0	80.4	146.3	38 300 *				44.0
46.0	79.6	145.8	37 700 *				46.0
48.0	78.8	145.2	37 100 *				48.0
50.0	78.0	144.6	36 500 *				50.0
52.0	77.1	144.0	35 900 *				52.0
54.0	76.3	143.3	35 200 *	80.7	142.0	33 600 *	54.0
56.0	75.5	142.6	34 600 *	79.9	141.3	32 900 *	56.0
58.0	74.7	141.9	34 000 *	79.1	140.5	32 300 *	58.0
60.0	73.9	141.2	33 400 *	78.3	139.8	31 600 *	60.0
62.0	73.0	140.4	32 800 *	77.4	139.0	30 900 *	62.0
64.0	72.2	139.5	32 200 *	76.6	138.1	30 300 *	64.0
66.0	71.4	138.7	31 600 *	75.7	137.3	29 600 *	66.0
68.0	70.5	137.8	31 100 *	74.9	136.4	29 000 *	68.0
72.0	68.8	135.9	30 000 *	73.2	134.5	27 700 *	72.0
76.0	67.1	133.9	28 900 *	71.4	132.4	26 500 *	76.0
80.0	65.3	131.7	27 900 *	69.6	130.2	25 300 *	80.0
84.0	63.5	129.3	26 800 *	67.8	127.8	24 100 *	84.0
88.0	61.7	126.8	25 600 *	66.0	125.2	23 000 *	88.0
92.0	59.8	124.0	24 400 *	64.1	122.5	21 900 *	92.0
96.0	57.9	121.1	23 300 *	62.1	119.5	20 900 *	96.0
100.0	56.0	118.0	22 200 *	60.1	116.3	20 000 *	100.0
104.0	54.0	114.6	21 200 *	58.1	112.9	19 000 *	104.0
108.0	51.9	111.0	20 200 *	56.0	109.3	18 100 *	108.0
112.0	49.7	107.1	19 100 *	53.8	105.3	17 300 *	112.0
116.0	47.5	102.9	16 800 *	51.5	101.0	16 500 *	116.0
120.0	45.2	98.4	14 700 *	49.1	96.4	15 700 *	120.0
124.0	42.7	93.4	12 700 *	46.6	91.3	14 300 *	124.0
128.0	40.1	88.0	10 800 *	44.0	85.8	12 200 *	128.0
132.0	37.3	82.0	9 000 *	41.1	79.6	10 300 *	132.0
136.0	34.3	75.3	7 400 *	38.0	72.7	8 500 *	136.0
140.0	31.0	67.7	5 800 *	34.5	64.7	6 700 *	140.0

79.2m (260 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
44.2	80.8	154.1	37 100 *				44.2
46.0	80.1	153.6	36 600 *				46.0
48.0	79.3	153.1	36 000 *				48.0
50.0	78.6	152.5	35 400 *				50.0
52.0	77.8	151.9	34 900 *				52.0
54.0	77.0	151.3	34 300 *				54.0
56.0	76.3	150.7	33 700 *	80.4	149.2	33 200 *	56.0
58.0	75.5	150.0	33 100 *	79.7	148.5	32 600 *	58.0
60.0	74.7	149.3	32 500 *	78.9	147.8	32 000 *	60.0
62.0	73.9	148.5	31 900 *	78.1	147.1	31 300 *	62.0
64.0	73.1	147.7	31 400 *	77.3	146.3	30 800 *	64.0
66.0	72.3	146.9	30 900 *	76.5	145.5	30 100 *	66.0
68.0	71.5	146.1	30 300 *	75.7	144.6	29 500 *	68.0
72.0	69.9	144.3	29 200 *	74.1	142.8	28 300 *	72.0
76.0	68.3	142.4	28 200 *	72.4	140.9	27 100 *	76.0
80.0	66.7	140.3	27 300 *	70.7	138.8	26 000 *	80.0
84.0	65.0	138.1	26 400 *	69.0	136.6	24 900 *	84.0
88.0	63.3	135.8	25 500 *	67.3	134.2	23 800 *	88.0
92.0	61.5	133.2	24 700 *	65.6	131.6	22 800 *	92.0
96.0	59.8	130.5	23 900 *	63.8	128.8	21 800 *	96.0
100.0	58.0	127.6	23 100 *	61.9	125.9	20 900 *	100.0
104.0	56.1	124.5	22 000 *	60.1	122.8	20 000 *	104.0
108.0	54.2	121.2	19 500 *	58.1	119.4	19 100 *	108.0
112.0	52.2	117.7	17 100 *	56.1	115.8	18 200 *	112.0
116.0	50.2	113.9	14 800 *	54.1	112.0	17 100 *	116.0
120.0	48.1	109.8	12 700 *	51.9	107.8	14 700 *	120.0
124.0	45.9	105.4	10 700 *	49.7	103.3	12 500 *	124.0
128.0	43.7	100.6	8 800 *	47.4	98.4	10 500 *	128.0
132.0	41.3	95.4	7 000 *	44.9	93.1	8 500 *	132.0
136.0	38.7	89.8	5 300 *	42.3	87.3	6 700 *	136.0
140.0				39.5	80.9	4 900 *	140.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
39.6	80.9	122.4	36 500 *				39.6
40.0	80.8	122.3	36 300 *				40.0
42.0	79.8	121.7	35 600 *				42.0
44.0	78.8	121.1	34 900 *				44.0
46.0	77.9	120.4	34 200 *				46.0
48.0	76.9	119.7	33 600 *				48.0
50.0	75.9	119.0	32 700 *				50.0
52.0	74.9	118.3	31 800 *	80.9	117.2	28 800 *	52.0
54.0	73.9	117.4	30 800 *	79.9	116.4	27 900 *	54.0
56.0	72.9	116.6	29 900 *	78.8	115.6	27 000 *	56.0
58.0	71.9	115.7	29 000 *	77.8	114.7	26 200 *	58.0
60.0	70.9	114.8	28 100 *	76.8	113.7	25 300 *	60.0
62.0	69.9	113.8	27 100 *	75.8	112.7	24 500 *	62.0
64.0	68.8	112.8	26 300 *	74.7	111.7	23 600 *	64.0
66.0	67.8	111.7	25 400 *	73.7	110.6	22 900 *	66.0
68.0	66.7	110.6	24 600 *	72.6	109.5	22 100 *	68.0
72.0	64.6	108.2	23 000 *	70.4	107.1	20 500 *	72.0
76.0	62.4	105.6	21 400 *	68.2	104.5	19 100 *	76.0
80.0	60.1	102.8	20 000 *	65.9	101.6	17 700 *	80.0
84.0	57.8	99.8	18 500 *	63.6	98.5	16 400 *	84.0
88.0	55.4	96.4	17 200 *	61.1	95.1	15 200 *	88.0
92.0	52.9	92.8	15 900 *	58.6	91.5	14 000 *	92.0
96.0	50.3	88.8	14 700 *	56.0	87.4	12 900 *	96.0
100.0	47.6	84.5	13 600 *	53.2	83.0	11 900 *	100.0
104.0	44.7	79.7	12 500 *	50.3	78.1	10 900 *	104.0
108.0	41.6	74.3	11 500 *	47.1	72.6	10 100 *	108.0
112.0	38.3	68.3	10 500 *	43.7	66.4	9 200 *	112.0
116.0	34.6	61.4	9 700 *	39.9	59.3	8 500 *	116.0
120.0	30.4	53.2	8 900 *	35.5	50.8	7 800 *	120.0
124.0	25.4	43.1	8 200 *				124.0

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) Boom							
42.7	80.1	129.4	35 000 *				42.7
44.0	79.5	129.0	34 900 *				44.0
46.0	78.6	128.4	34 200 *				46.0
48.0	77.7	127.8	33 200 *				48.0
50.0	76.8	127.1	32 700 *				50.0
52.0	75.8	126.4	32 100 *				52.0
54.0	74.9	125.6	31 400 *				54.0
56.0	74.0	124.8	30 500 *	79.5	123.6	27 300 *	56.0
58.0	73.0	124.0	29 600 *	78.6	122.8	26 500 *	58.0
60.0	72.1	123.1	28 700 *	77.6	121.9	25 700 *	60.0
62.0	71.1	122.2	27 900 *	76.7	121.0	24 900 *	62.0
64.0	70.2	121.3	27 100 *	75.7	120.0	24 200 *	64.0
66.0	69.2	120.3	26 200 *	74.7	119.0	23 400 *	66.0
68.0	68.2	119.2	25 400 *	73.7	118.0	22 700 *	68.0
72.0	66.2	117.0	23 900 *	71.7	115.8	21 200 *	72.0
76.0	64.2	114.6	22 400 *	69.7	113.4	19 800 *	76.0
80.0	62.1	112.1	21 000 *	67.6	110.8	18 500 *	80.0
84.0	60.0	109.3	19 700 *	65.4	107.9	17 300 *	84.0
88.0	57.9	106.2	18 400 *	63.2	104.9	16 100 *	88.0
92.0	55.6	103.0	17 100 *	61.0	101.5	15 000 *	92.0
96.0	53.3	99.4	15 900 *	58.6	97.9	13 900 *	96.0
100.0	50.9	95.6	14 800 *	56.1	94.0	12 900 *	100.0
104.0	48.3	91.4	13 700 *	53.6	89.7	11 900 *	104.0
108.0	45.7	86.8	12 700 *	50.9	85.0	11 100 *	108.0
112.0	42.9	81.7	11 800 *	48.0	79.9	10 200 *	112.0
116.0	39.9	76.0	10 900 *	44.9	74.1	9 400 *	116.0
120.0	36.6	69.7	10 100 *	41.6	67.5	8 700 *	120.0
124.0	33.0	62.4	9 300 *	37.8	60.0	8 100 *	124.0
128.0	28.9	53.8	8 600 *	33.5	51.0	7 600 *	128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) Boom							
42.7	80.7	137.3	34 400 *				42.7
44.0	80.1	136.9	34 000 *				44.0
46.0	79.2	136.3	33 400 *				46.0
48.0	78.4	135.7	32 800 *				48.0
50.0	77.5	135.1	32 200 *				50.0
52.0	76.6	134.4	31 600 *				52.0
54.0	75.8	133.7	31 000 *				54.0
56.0	74.9	133.0	30 400 *	80.2	131.7	27 700 *	56.0
58.0	74.0	132.2	29 900 *	79.3	130.9	26 900 *	58.0
60.0	73.1	131.4	29 300 *	78.4	130.1	26 200 *	60.0
62.0	72.2	130.5	28 600 *	77.5	129.2	25 400 *	62.0
64.0	71.3	129.6	27 800 *	76.6	128.3	24 700 *	64.0
66.0	70.4	128.7	27 000 *	75.6	127.4	24 000 *	66.0
68.0	69.5	127.7	26 300 *	74.7	126.4	23 300 *	68.0
72.0	67.7	125.7	24 800 *	72.9	124.3	22 000 *	72.0
76.0	65.8	123.5	23 300 *	71.0	122.1	20 600 *	76.0
80.0	63.9	121.1	22 000 *	69.0	119.7	19 400 *	80.0
84.0	61.9	118.5	20 700 *	67.0	117.1	18 100 *	84.0
88.0	59.9	115.7	19 400 *	65.0	114.3	17 000 *	88.0
92.0	57.9	112.7	18 200 *	62.9	111.2	15 900 *	92.0
96.0	55.8	109.5	17 100 *	60.8	107.9	14 900 *	96.0
100.0	53.6	106.0	16 000 *	58.6	104.4	13 800 *	100.0
104.0	51.3	102.3	14 900 *	56.3	100.6	12 900 *	104.0
108.0	49.0	98.2	13 900 *	53.9	96.4	12 000 *	108.0
112.0	46.5	93.8	13 000 *	51.4	91.9	11 200 *	112.0
116.0	44.0	88.9	12 100 *	48.8	87.0	10 400 *	116.0
120.0	41.2	83.6	11 200 *	46.0	81.5	9 700 *	120.0
124.0	38.3	77.7	10 500 *	42.9	75.4	9 000 *	124.0
128.0	35.1	71.0	9 700 *	39.6	68.5	8 400 *	128.0
132.0	31.5	63.4	9 000 *	35.9	60.6	7 800 *	132.0
136.0	27.5	54.3	8 300 *				136.0

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) Boom							
44.2	80.5	144.7	33 300 *				44.2
46.0	79.8	144.2	32 800 *				46.0
48.0	79.0	143.6	32 200 *				48.0
50.0	78.2	143.0	31 600 *				50.0
52.0	77.4	142.4	31 100 *				52.0
54.0	76.6	141.7	30 500 *				54.0
56.0	75.7	141.0	29 900 *				56.0
58.0	74.9	140.3	29 400 *	79.9	138.9	27 300 *	58.0
60.0	74.1	139.5	28 800 *	79.0	138.1	26 700 *	60.0
62.0	73.2	138.7	28 200 *	78.2	137.3	25 900 *	62.0
64.0	72.4	137.9	27 800 *	77.3	136.5	25 300 *	64.0
66.0	71.5	137.0	27 200 *	76.5	135.6	24 600 *	66.0
68.0	70.7	136.1	26 700 *	75.6	134.7	23 900 *	68.0
72.0	68.9	134.2	25 500 *	73.9	132.8	22 600 *	72.0
76.0	67.2	132.2	24 200 *	72.1	130.7	21 400 *	76.0
80.0	65.4	129.9	22 900 *	70.3	128.4	20 100 *	80.0
84.0	63.6	127.5	21 600 *	68.4	126.0	19 000 *	84.0
88.0	61.7	125.0	20 400 *	66.6	123.4	17 900 *	88.0
92.0	59.8	122.2	19 300 *	64.6	120.6	16 800 *	92.0
96.0	57.9	119.2	18 100 *	62.7	117.6	15 800 *	96.0
100.0	55.9	116.1	17 000 *	60.7	114.4	14 800 *	100.0
104.0	53.9	112.6	16 000 *	58.6	110.9	13 900 *	104.0
108.0	51.7	109.0	15 100 *	56.4	107.2	13 000 *	108.0
112.0	49.6	105.0	14 100 *	54.2	103.1	12 200 *	112.0
116.0	47.3	100.7	13 200 *	51.9	98.7	11 400 *	116.0
120.0	44.9	96.0	12 400 *	49.4	94.0	10 600 *	120.0
124.0	42.4	91.0	11 500 *	46.8	88.8	9 900 *	124.0
128.0	39.7	85.4	10 800 *	44.1	83.0	9 300 *	128.0
132.0	36.8	79.2	10 100 *	41.1	76.7	8 700 *	132.0
136.0	33.7	72.2	9 400 *	37.9	69.4	8 100 *	136.0
140.0	30.2	64.2	8 300 *	34.2	61.0	7 600 *	140.0
144.0	26.1	54.6	6 700 *				144.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) Boom							
44.2	81.0	152.5	32 800 *				44.2
46.0	80.3	152.1	32 400 *				46.0
48.0	79.6	151.5	31 800 *				48.0
50.0	78.8	151.0	31 300 *				50.0
52.0	78.0	150.4	30 700 *				52.0
54.0	77.2	149.7	30 200 *				54.0
56.0	76.5	149.1	29 700 *				56.0
58.0	75.7	148.4	29 200 *	80.4	146.9	27 200 *	58.0
60.0	74.9	147.7	28 600 *	79.6	146.2	26 600 *	60.0
62.0	74.1	146.9	28 100 *	78.8	145.4	26 000 *	62.0
64.0	73.3	146.1	27 600 *	78.0	144.6	25 400 *	64.0
66.0	72.5	145.3	27 100 *	77.2	143.8	24 700 *	66.0
68.0	71.7	144.4	26 700 *	76.4	142.9	24 100 *	68.0
72.0	70.1	142.6	25 700 *	74.7	141.1	22 900 *	72.0
76.0	68.4	140.7	24 700 *	73.1	139.1	21 700 *	76.0
80.0	66.8	138.6	23 400 *	71.4	137.0	20 500 *	80.0
84.0	65.1	136.4	22 300 *	69.7	134.8	19 500 *	84.0
88.0	63.3	134.0	21 100 *	67.9	132.3	18 400 *	88.0
92.0	61.6	131.4	20 000 *	66.1	129.7	17 400 *	92.0
96.0	59.8	128.7	18 900 *	64.3	127.0	16 400 *	96.0
100.0	57.9	125.7	17 800 *	62.4	124.0	15 400 *	100.0
104.0	56.0	122.6	16 800 *	60.5	120.8	14 500 *	104.0
108.0	54.1	119.2	15 900 *	58.6	117.4	13 700 *	108.0
112.0	52.1	115.6	15 000 *	56.5	113.7	12 900 *	112.0
116.0	50.0	111.7	14 100 *	54.4	109.8	12 100 *	116.0
120.0	47.9	107.6	13 300 *	52.2	105.5	11 400 *	120.0
124.0	45.7	103.1	12 500 *	50.0	100.9	10 600 *	124.0
128.0	43.3	98.2	11 200 *	47.6	95.9	10 000 *	128.0
132.0	40.9	92.9	9 400 *	45.1	90.5	9 400 *	132.0
136.0	38.3	87.1	7 700 *	42.4	84.5	8 800 *	136.0
140.0	35.4	80.6	6 200 *	39.4	77.8	7 300 *	140.0
144.0				36.2	70.2	5 600 *	144.0

85.3m (280 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
76.2m (250 ft.) Boom							
47.2	80.3	159.6	31 200 *				47.2
48.0	80.1	159.4	31 000 *				48.0
50.0	79.3	158.9	30 500 *				50.0
52.0	78.6	158.3	30 000 *				52.0
54.0	77.9	157.7	29 500 *				54.0
56.0	77.1	157.1	29 000 *				56.0
58.0	76.4	156.4	28 500 *				58.0
60.0	75.6	155.7	28 000 *	80.1	154.2	27 000 *	60.0
62.0	74.9	155.0	27 500 *	79.4	153.4	26 400 *	62.0
64.0	74.1	154.3	27 000 *	78.6	152.7	25 800 *	64.0
66.0	73.4	153.5	26 500 *	77.8	151.9	25 200 *	66.0
68.0	72.6	152.7	26 000 *	77.1	151.1	24 600 *	68.0
72.0	71.1	151.0	25 200 *	75.5	149.4	23 500 *	72.0
76.0	69.5	149.2	24 200 *	73.9	147.5	22 400 *	76.0
80.0	68.0	147.2	23 400 *	72.4	145.5	21 300 *	80.0
84.0	66.4	145.1	22 600 *	70.7	143.4	20 200 *	84.0
88.0	64.7	142.8	21 800 *	69.1	141.1	19 200 *	88.0
92.0	63.1	140.4	20 800 *	67.4	138.7	18 200 *	92.0
96.0	61.4	137.9	19 800 *	65.7	136.1	17 200 *	96.0
100.0	59.7	135.1	18 800 *	64.0	133.3	16 300 *	100.0
104.0	57.9	132.2	17 800 *	62.2	130.4	15 400 *	104.0
108.0	56.2	129.1	16 800 *	60.4	127.2	14 600 *	108.0
112.0	54.3	125.8	15 900 *	58.5	123.9	13 800 *	112.0
116.0	52.4	122.3	15 000 *	56.6	120.3	13 000 *	116.0
120.0	50.5	118.5	13 100 *	54.6	116.4	12 300 *	120.0
124.0	48.5	114.4	11 100 *	52.6	112.3	11 600 *	124.0
128.0	46.4	110.0	9 200 *	50.5	107.8	10 900 *	128.0
132.0	44.2	105.3	7 400 *	48.2	103.0	9 200 *	132.0
136.0	41.9	100.3	5 700 *	45.9	97.8	7 300 *	136.0
140.0				43.4	92.1	5 600 *	140.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 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

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
38.1m (125 ft.) Boom							
42.7	80.7	127.8	29 800 *				42.7
44.0	80.1	127.4	29 400 *				44.0
46.0	79.2	126.8	28 900 *				46.0
48.0	78.3	126.2	28 200 *				48.0
50.0	77.4	125.5	27 300 *				50.0
52.0	76.4	124.7	26 400 *				52.0
54.0	75.5	124.0	25 500 *				54.0
56.0	74.5	123.2	24 700 *				56.0
58.0	73.6	122.3	23 800 *	79.8	121.2	21 100 *	58.0
60.0	72.6	121.4	22 900 *	78.9	120.3	20 300 *	60.0
62.0	71.6	120.5	22 100 *	77.9	119.4	19 500 *	62.0
64.0	70.7	119.6	21 300 *	76.9	118.4	18 700 *	64.0
66.0	69.7	118.6	20 500 *	75.9	117.4	18 000 *	66.0
68.0	68.7	117.5	19 800 *	74.9	116.3	17 300 *	68.0
72.0	66.7	115.3	18 300 *	72.9	114.0	15 800 *	72.0
76.0	64.6	112.9	16 800 *	70.8	111.6	14 500 *	76.0
80.0	62.5	110.2	15 400 *	68.7	108.9	13 300 *	80.0
84.0	60.4	107.4	14 100 *	66.5	106.1	12 100 *	84.0
88.0	58.2	104.3	12 900 *	64.2	102.9	10 900 *	88.0
92.0	55.9	101.0	11 700 *	61.9	99.6	9 900 *	92.0
96.0	53.5	97.3	10 600 *	59.5	95.9	8 900 *	96.0
100.0	51.0	93.4	9 500 *	57.0	91.9	7 900 *	100.0
104.0	48.4	89.1	8 600 *	54.4	87.5	7 000 *	104.0
108.0	45.7	84.4	7 600 *	51.6	82.7	6 200 *	108.0
112.0	42.8	79.1	6 700 *	48.6	77.3	5 400 *	112.0
116.0	39.7	73.3	5 900 *				116.0
120.0	36.3	66.7	5 100 *				120.0

Meets
ANSI B30.5
Requirements

888 RINGER

91.4m (300 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
45.7m (150 ft.) BOOM							
44.2	80.6	135.3	29 100 *				44.2
46.0	79.8	134.7	28 600 *				46.0
48.0	79.0	134.1	28 100 *				48.0
50.0	78.1	133.5	27 500 *				50.0
52.0	77.2	132.8	26 700 *				52.0
54.0	76.3	132.1	25 900 *				54.0
56.0	75.4	131.3	25 100 *				56.0
58.0	74.5	130.5	24 300 *	80.4	129.2	21 300 *	58.0
60.0	73.6	129.7	23 500 *	79.5	128.4	20 600 *	60.0
62.0	72.7	128.8	22 800 *	78.6	127.5	19 900 *	62.0
64.0	71.8	127.9	22 000 *	77.7	126.6	19 100 *	64.0
66.0	70.9	127.0	21 200 *	76.8	125.7	18 400 *	66.0
68.0	70.0	126.0	20 500 *	75.8	124.7	17 800 *	68.0
72.0	68.1	124.0	19 100 *	73.9	122.6	16 400 *	72.0
76.0	66.2	121.7	17 700 *	72.0	120.3	15 200 *	76.0
80.0	64.3	119.3	16 400 *	70.1	117.9	13 900 *	80.0
84.0	62.3	116.7	15 100 *	68.0	115.2	12 800 *	84.0
88.0	60.2	113.8	13 900 *	66.0	112.3	11 700 *	88.0
92.0	58.2	110.8	12 800 *	63.9	109.3	10 700 *	92.0
96.0	56.0	107.5	11 700 *	61.7	105.9	9 700 *	96.0
100.0	53.8	104.0	10 600 *	59.4	102.3	8 800 *	100.0
104.0	51.5	100.1	9 700 *	57.1	98.4	7 900 *	104.0
108.0	49.1	95.9	8 700 *	54.6	94.2	7 000 *	108.0
112.0	46.6	91.4	7 800 *	52.1	89.5	6 300 *	112.0
116.0	43.9	86.4	7 000 *	49.4	84.4	5 500 *	116.0
120.0	41.1	80.9	6 200 *	46.5	78.8	4 800 *	120.0
124.0	38.0	74.8	5 400 *				124.0
128.0	34.7	67.8	4 700 *				128.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
 13.7m RINGER Attachment on Screw Jack Pedestals
 393 310 kg Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

91.4m (300 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
53.3m (175 ft.) BOOM							
45.7	80.5	142.7	28 300 *				45.7
46.0	80.4	142.6	28 200 *				46.0
48.0	79.6	142.0	27 700 *				48.0
50.0	78.7	141.4	27 200 *				50.0
52.0	77.9	140.8	26 700 *				52.0
54.0	77.1	140.1	26 200 *				54.0
56.0	76.2	139.4	25 600 *				56.0
58.0	75.4	138.7	24 800 *				58.0
60.0	74.6	137.9	24 100 *	80.1	136.5	20 900 *	60.0
62.0	73.7	137.1	23 300 *	79.3	135.6	20 300 *	62.0
64.0	72.9	136.2	22 600 *	78.4	134.8	19 600 *	64.0
66.0	72.0	135.4	21 900 *	77.5	133.9	18 900 *	66.0
68.0	71.1	134.4	21 200 *	76.7	133.0	18 300 *	68.0
72.0	69.4	132.5	19 900 *	74.9	131.0	17 000 *	72.0
76.0	67.6	130.4	18 500 *	73.1	128.9	15 800 *	76.0
80.0	65.8	128.1	17 300 *	71.3	126.6	14 600 *	80.0
84.0	63.9	125.7	16 000 *	69.4	124.1	13 500 *	84.0
88.0	62.1	123.1	14 900 *	67.5	121.5	12 500 *	88.0
92.0	60.1	120.3	13 800 *	65.5	118.6	11 500 *	92.0
96.0	58.2	117.3	12 700 *	63.5	115.6	10 500 *	96.0
100.0	56.1	114.0	11 700 *	61.5	112.3	9 600 *	100.0
104.0	54.1	110.6	10 700 *	59.4	108.8	8 700 *	104.0
108.0	51.9	106.8	9 800 *	57.2	104.9	7 900 *	108.0
112.0	49.7	102.8	8 900 *	54.9	100.8	7 100 *	112.0
116.0	47.3	98.4	8 000 *	52.5	96.3	6 400 *	116.0
120.0	44.9	93.6	7 200 *	50.0	91.5	5 700 *	120.0
124.0	42.3	88.4	6 500 *	47.3	86.1	5 000 *	124.0
128.0	39.5	82.6	5 800 *				128.0
132.0	36.5	76.2	5 100 *				132.0

91.4m (300 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
61.0m (200 ft.) BOOM							
47.2	80.4	150.1	27 400 *				47.2
48.0	80.1	149.9	27 200 *				48.0
50.0	79.3	149.3	26 700 *				50.0
52.0	78.5	148.7	26 200 *				52.0
54.0	77.7	148.1	25 700 *				54.0
56.0	77.0	147.4	25 300 *				56.0
58.0	76.2	146.7	24 800 *				58.0
60.0	75.4	146.0	24 400 *	80.7	144.5	21 400 *	60.0
62.0	74.6	145.2	23 900 *	79.8	143.7	20 700 *	62.0
64.0	73.8	144.4	23 200 *	79.0	142.9	20 100 *	64.0
66.0	73.0	143.6	22 600 *	78.2	142.0	19 500 *	66.0
68.0	72.1	142.8	21 900 *	77.4	141.2	18 900 *	68.0
72.0	70.5	140.9	20 600 *	75.7	139.3	17 600 *	72.0
76.0	68.8	139.0	19 300 *	74.0	137.3	16 500 *	76.0
80.0	67.1	136.8	18 100 *	72.3	135.2	15 300 *	80.0
84.0	65.4	134.6	16 900 *	70.6	132.9	14 200 *	84.0
88.0	63.7	132.1	15 800 *	68.8	130.4	13 200 *	88.0
92.0	61.9	129.5	14 700 *	67.0	127.8	12 200 *	92.0
96.0	60.0	126.8	13 700 *	65.1	125.0	11 300 *	96.0
100.0	58.2	123.8	12 700 *	63.2	121.9	10 400 *	100.0
104.0	56.3	120.6	11 700 *	61.3	118.7	9 500 *	104.0
108.0	54.3	117.2	10 800 *	59.3	115.2	8 700 *	108.0
112.0	52.3	113.5	9 900 *	57.2	111.5	8 000 *	112.0
116.0	50.2	109.5	9 100 *	55.1	107.5	7 200 *	116.0
120.0	48.0	105.3	8 300 *	52.9	103.1	6 500 *	120.0
124.0	45.7	100.7	7 500 *	50.5	98.4	5 800 *	124.0
128.0	43.3	95.7	6 800 *	48.1	93.3	5 300 *	128.0
132.0	40.8	90.2	6 100 *	45.5	87.7	4 700 *	132.0
136.0	38.0	84.2	5 400 *				136.0
140.0	35.1	77.4	4 800 *				140.0



Liftcrane Jib Capacities

Jib No. 22EL With 15.2m Strut On Boom No. 67B, 36.6m Mast No. 49A
13.7m RINGER Attachment on Screw Jack Pedestals
393 310 kg Auxiliary Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

888 RINGER

91.4m (300 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) BOOM							
47.2	80.9	158.0	27 100 *				47.2
48.0	80.6	157.8	26 900 *				48.0
50.0	79.8	157.2	26 500 *				50.0
52.0	79.1	156.7	26 000 *				52.0
54.0	78.4	156.1	25 600 *				54.0
56.0	77.6	155.4	25 100 *				56.0
58.0	76.9	154.8	24 700 *				58.0
60.0	76.1	154.1	24 200 *				60.0
62.0	75.3	153.3	23 800 *	80.4	151.7	20 700 *	62.0
64.0	74.6	152.6	23 400 *	79.6	150.9	20 100 *	64.0
66.0	73.8	151.8	22 800 *	78.8	150.1	19 600 *	66.0
68.0	73.0	151.0	22 200 *	78.0	149.3	19 000 *	68.0
72.0	71.5	149.3	21 000 *	76.5	147.6	17 800 *	72.0
76.0	69.9	147.4	19 800 *	74.9	145.7	16 700 *	76.0
80.0	68.3	145.4	18 600 *	73.3	143.7	15 700 *	80.0

91.4m (300 ft.) Jib

Jib Oper. Rad. Meters	10 Degree Offset			20 Degree Offset			Jib Oper. Rad. Meters
	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	Boom Ang. Deg.	Jib Point Elev. Meters	Jib Capacity Kilograms	
68.6m (225 ft.) BOOM							
84.0	66.7	143.3	17 500 *	71.6	141.5	14 600 *	84.0
88.0	65.1	141.0	16 400 *	70.0	139.2	13 700 *	88.0
92.0	63.4	138.6	15 400 *	68.3	136.8	12 700 *	92.0
96.0	61.7	136.0	14 300 *	66.6	134.1	11 800 *	96.0
100.0	60.0	133.2	13 400 *	64.8	131.3	10 900 *	100.0
104.0	58.2	130.3	12 400 *	63.0	128.3	10 100 *	104.0
108.0	56.4	127.1	11 600 *	61.1	125.1	9 300 *	108.0
112.0	54.5	123.7	10 700 *	59.2	121.7	8 600 *	112.0
116.0	52.6	120.1	9 800 *	57.3	118.0	7 800 *	116.0
120.0	50.6	116.3	9 100 *	55.3	114.1	7 100 *	120.0
124.0	48.6	112.1	8 300 *	53.2	109.8	6 500 *	124.0
128.0	46.4	107.7	7 600 *	51.0	105.3	5 800 *	128.0
132.0	44.2	102.9	6 900 *	48.7	100.4	5 300 *	132.0
136.0	41.8	97.6	6 200 *	46.3	95.0	4 700 *	136.0
140.0	39.4	91.9	5 600 *				140.0
144.0	36.7	85.6	5 000 *				144.0