

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load over front of machine with crawlers blocked. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

76.2m thru 91.4m boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Travel

drive must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7582-A**. Refer to boom rigging **No. 172610** or **No. 179809**, Wire Rope Specification chart **No. 7581-C**, and Counterweight Arrangement chart **No. 7692-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.

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

MACHINE EQUIPMENT: Machine equipped with 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 93 890 kg crane counterweight, and two 13 610 kg carbody counterweights.

Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers	
Boom Length	Jib No. 132
91.4m	---
88.4m	---
85.3m	---
82.3m	---
79.2m	24.4m
76.2m	36.6m
Load block, hook and weight ball on ground at start.	

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
12.2m	2 900 kg
18.3m	3 720 kg
24.4m	4 670 kg
30.5m	5 810 kg
36.6m	6 940 kg

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
21.3m (70 Ft.) BOOM			
5.5	82.9	23.5	272 100 *
6.0	81.5	23.4	256 800 *
6.5	80.2	23.3	243 900 *
7.0	78.8	23.2	229 100 *
7.5	77.4	23.1	214 500 *
8.0	76.0	22.9	201 700 *
8.5	74.6	22.8	190 300 *
9.0	73.2	22.6	180 100 *
10.0	70.3	22.2	162 500 *
11.0	67.4	21.8	148 000 *
12.0	64.4	21.3	134 700 *
13.0	61.3	20.7	120 300 *
14.0	58.1	20.1	108 200 *
15.0	54.8	19.4	98 000 *
16.0	51.4	18.5	89 200 *
18.0	43.8	16.6	74 400 *
20.0	34.8	13.9	59 200 *
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	238 700 *
6.5	81.4	26.4	237 100 *
7.0	80.2	26.3	228 600 *
7.5	79.0	26.2	214 100 *
8.0	77.8	26.1	201 300 *
8.5	76.6	26.0	189 900 *
9.0	75.4	25.8	179 700 *
10.0	72.9	25.5	162 100 *
11.0	70.4	25.1	147 600 *
12.0	67.8	24.7	135 300 *
13.0	65.2	24.2	123 500 *
14.0	62.6	23.7	111 000 *
15.0	59.8	23.1	100 600 *
16.0	57.0	22.4	91 700 *
18.0	51.1	20.8	77 300 *
20.0	44.5	18.9	66 100 *
22.0	37.0	16.4	55 700 *
24.0	27.6	13.0	44 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	226 100 *
6.5	82.4	29.5	225 700 *
7.0	81.3	29.4	223 400 *
7.5	80.3	29.3	214 400 *
8.0	79.2	29.2	201 100 *
8.5	78.1	29.1	189 600 *
9.0	77.0	29.0	179 400 *
10.0	74.9	28.7	161 900 *
11.0	72.7	28.4	147 400 *
12.0	70.4	28.0	135 100 *
13.0	68.2	27.6	124 700 *
14.0	65.9	27.1	113 600 *
15.0	63.5	26.6	103 000 *
16.0	61.1	26.0	93 900 *
18.0	56.1	24.7	79 400 *
20.0	50.8	23.1	68 100 *
22.0	45.0	21.2	59 000 *
24.0	38.5	18.8	51 400 *
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	217 400 *
7.0	82.2	32.5	216 000 *
7.5	81.2	32.4	212 300 *
8.0	80.3	32.3	200 600 *
8.5	79.3	32.2	189 200 *
9.0	78.4	32.1	179 000 *
10.0	76.4	31.9	161 400 *
11.0	74.5	31.6	147 000 *
12.0	72.5	31.2	134 700 *
13.0	70.5	30.9	124 300 *
14.0	68.5	30.5	115 200 *
15.0	66.4	30.0	103 900 *
16.0	64.3	29.5	94 400 *
18.0	60.0	28.4	79 700 *
20.0	55.4	27.0	68 700 *
22.0	50.6	25.4	60 100 *
24.0	45.4	23.5	52 900 *
26.0	39.7	21.2	46 600 *
28.0	33.1	18.3	40 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	169 800 *
7.5	82.0	35.5	167 900 *
8.0	81.2	35.4	166 200 *
8.5	80.3	35.3	164 500 *
9.0	79.4	35.2	162 900 *
10.0	77.7	35.0	159 000 *
11.0	75.9	34.7	146 700 *
12.0	74.1	34.4	134 500 *
13.0	72.3	34.1	124 100 *
14.0	70.5	33.8	115 100 *
15.0	68.7	33.3	103 800 *
16.0	66.8	32.9	94 300 *
18.0	63.0	31.9	79 600 *
20.0	59.0	30.7	68 600 *
22.0	54.9	29.3	60 000 *
24.0	50.5	27.7	53 200 *
26.0	45.8	25.8	47 600 *
28.0	40.6	23.6	42 500 *
30.0	34.9	20.9	37 700 *
32.0	28.0	17.4	31 700 *
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	164 900 *
7.5	82.7	38.6	164 300 *
8.0	81.9	38.5	162 600 *
8.5	81.1	38.4	161 000 *
9.0	80.3	38.3	159 500 *
10.0	78.7	38.1	156 600 *
11.0	77.1	37.9	146 300 *
12.0	75.5	37.6	134 100 *
13.0	73.9	37.3	123 600 *
14.0	72.2	37.0	114 700 *
15.0	70.5	36.6	103 600 *
16.0	68.9	36.2	94 100 *
18.0	65.4	35.3	79 400 *
20.0	61.9	34.3	68 300 *
22.0	58.2	33.1	59 800 *
24.0	54.4	31.7	52 900 *
26.0	50.4	30.0	47 300 *
28.0	46.1	28.2	42 700 *
30.0	41.4	26.0	38 600 *
32.0	36.3	23.4	34 600 *
34.0	30.3	20.1	30 300 *

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	159 000 *
8.0	82.6	41.6	158 800 *
8.5	81.8	41.5	157 300 *
9.0	81.1	41.4	155 900 *
10.0	79.6	41.3	153 300 *
11.0	78.1	41.0	146 200 *
12.0	76.6	40.8	133 900 *
13.0	75.1	40.5	123 600 *
14.0	73.6	40.2	114 000 *
15.0	72.1	39.9	103 700 *
16.0	70.6	39.5	94 100 *
18.0	67.4	38.7	79 300 *
20.0	64.2	37.7	68 300 *
22.0	60.9	36.6	59 800 *
24.0	57.5	35.4	52 900 *
26.0	54.0	34.0	47 300 *
28.0	50.3	32.3	42 700 *
30.0	46.3	30.5	38 800 *
32.0	42.0	28.3	35 400 *
34.0	37.4	25.8	32 000 *
36.0	32.2	22.8	28 700 *
38.0	25.9	19.0	24 300 *
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	155 000 *
8.5	82.4	44.6	154 300 *
9.0	81.7	44.5	152 900 *
10.0	80.4	44.4	150 500 *
11.0	79.0	44.2	145 800 *
12.0	77.6	43.9	133 200 *
13.0	76.2	43.7	121 400 *
14.0	74.8	43.4	111 500 *
15.0	73.4	43.1	102 900 *
16.0	72.0	42.8	94 500 *
18.0	69.1	42.0	79 100 *
20.0	66.2	41.1	68 100 *
22.0	63.2	40.1	59 500 *
24.0	60.1	39.0	52 700 *
26.0	56.9	37.7	47 100 *
28.0	53.6	36.3	42 400 *
30.0	50.2	34.6	38 500 *
32.0	46.5	32.8	35 100 *
34.0	42.6	30.7	32 200 *
36.0	38.3	28.2	29 300 *
38.0	33.6	25.3	26 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	137 100 *
9.0	82.3	47.6	135 800 *
10.0	81.0	47.5	133 100 *
11.0	79.7	47.3	130 700 *
12.0	78.5	47.1	128 400 *
13.0	77.2	46.8	119 400 *
14.0	75.9	46.6	109 500 *
15.0	74.6	46.3	101 200 *
16.0	73.3	46.0	93 500 *
18.0	70.6	45.3	79 000 *
20.0	67.9	44.5	67 900 *
22.0	65.2	43.6	59 300 *
24.0	62.3	42.5	52 500 *
26.0	59.4	41.4	46 800 *
28.0	56.4	40.0	42 200 *
30.0	53.3	38.6	38 300 *
32.0	50.1	36.9	34 900 *
34.0	46.7	35.1	32 000 *
36.0	43.0	33.0	29 400 *
38.0	39.1	30.6	26 900 *
40.0	34.9	27.8	24 400 *
42.0	30.1	24.6	21 900 *
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	132 400 *
9.0	82.8	50.7	132 000 *
10.0	81.6	50.6	129 600 *
11.0	80.4	50.4	127 400 *
12.0	79.2	50.2	125 400 *
13.0	78.0	50.0	117 500 *
14.0	76.8	49.7	107 600 *
15.0	75.6	49.4	99 400 *
16.0	74.3	49.2	92 200 *
18.0	71.9	48.5	78 900 *
20.0	69.4	47.8	67 600 *
22.0	66.8	46.9	59 000 *
24.0	64.2	46.0	52 200 *
26.0	61.5	44.9	46 600 *
28.0	58.8	43.7	41 900 *
30.0	56.0	42.4	38 000 *
32.0	53.1	40.9	34 600 *
34.0	50.0	39.2	31 700 *
36.0	46.8	37.4	29 100 *
38.0	43.4	35.3	26 900 *
40.0	39.8	33.0	24 600 *
42.0	35.9	30.3	22 300 *
44.0	31.6	27.2	20 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	128 800 *
10.0	82.1	53.6	126 900 *
11.0	81.0	53.5	124 900 *
12.0	79.8	53.3	123 100 *
13.0	78.7	53.1	115 600 *
14.0	77.6	52.9	105 900 *
15.0	76.4	52.6	97 800 *
16.0	75.3	52.3	90 800 *
18.0	73.0	51.7	78 600 *
20.0	70.6	51.0	67 600 *
22.0	68.3	50.2	58 900 *
24.0	65.8	49.4	52 100 *
26.0	63.4	48.4	46 500 *
28.0	60.8	47.3	41 800 *
30.0	58.3	46.0	37 900 *
32.0	55.6	44.7	34 500 *
34.0	52.8	43.2	31 600 *
36.0	50.0	41.5	29 000 *
38.0	47.0	39.7	26 800 *
40.0	43.8	37.7	24 800 *
42.0	40.4	35.4	22 800 *
44.0	36.8	32.8	20 700 *
46.0	32.8	29.8	18 900 *
48.0	28.4	26.3	17 000 *
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	124 500 *
10.0	82.5	56.7	124 000 *
11.0	81.5	56.6	122 200 *
12.0	80.4	56.4	120 600 *
13.0	79.3	56.2	113 600 *
14.0	78.3	56.0	103 900 *
15.0	77.2	55.7	95 900 *
16.0	76.1	55.5	89 000 *
18.0	74.0	54.9	77 800 *
20.0	71.8	54.3	67 300 *
22.0	69.5	53.5	58 700 *
24.0	67.3	52.7	51 800 *
26.0	65.0	51.8	46 300 *
28.0	62.6	50.7	41 600 *
30.0	60.2	49.6	37 600 *
32.0	57.8	48.4	34 200 *
34.0	55.2	47.0	31 300 *
36.0	52.6	45.5	28 800 *
38.0	49.9	43.8	26 500 *
40.0	47.1	42.0	24 500 *
42.0	44.1	40.0	22 700 *
44.0	41.0	37.7	20 800 *
46.0	37.6	35.2	18 900 *
48.0	33.9	32.3	17 200 *
50.0	29.9	29.0	15 600 *

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Meets
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Requirements

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	109 400 *
11.0	81.9	59.7	108 200 *
12.0	80.9	59.5	106 500 *
13.0	79.9	59.3	104 900 *
14.0	78.9	59.1	102 400 *
15.0	77.9	58.9	94 500 *
16.0	76.9	58.6	87 700 *
18.0	74.8	58.1	76 500 *
20.0	72.8	57.5	67 200
22.0	70.7	56.8	58 500
24.0	68.5	56.0	51 600
26.0	66.4	55.1	46 000
28.0	64.2	54.2	41 300
30.0	61.9	53.1	37 400
32.0	59.7	52.0	34 000
34.0	57.3	50.7	31 100
36.0	54.9	49.3	28 500
38.0	52.4	47.8	26 300
40.0	49.9	46.1	24 300
42.0	47.2	44.3	22 400
44.0	44.4	42.3	20 800
46.0	41.4	40.1	19 000 *
48.0	38.3	37.6	17 300 *
50.0	34.9	34.8	15 800 *
52.0	31.2	31.6	14 300 *
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	105 800 *
11.0	82.3	62.7	104 800 *
12.0	81.4	62.6	103 200 *
13.0	80.4	62.4	101 800 *
14.0	79.5	62.2	99 000 *
15.0	78.5	62.0	93 500 *
16.0	77.5	61.8	86 400 *
18.0	75.6	61.3	75 300 *
20.0	73.6	60.7	66 600
22.0	71.7	60.0	58 200
24.0	69.7	59.3	51 300
26.0	67.6	58.5	45 700
28.0	65.6	57.6	41 000
30.0	63.5	56.6	37 100
32.0	61.3	55.5	33 700
34.0	59.2	54.3	30 800
36.0	56.9	53.0	28 200
38.0	54.6	51.6	26 000
40.0	52.3	50.1	23 900
42.0	49.8	48.4	22 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
44.0	47.3	46.6	20 500
46.0	44.6	44.6	19 000 *
48.0	41.8	42.4	17 300 *
50.0	38.9	40.0	15 700 *
52.0	35.7	37.3	14 200 *
54.0	32.3	34.2	12 900 *
56.0	28.5	30.7	11 600 *
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	102 100 *
12.0	81.8	65.7	100 800 *
13.0	80.9	65.5	98 800 *
14.0	80.0	65.3	95 000 *
15.0	79.1	65.1	91 300 *
16.0	78.1	64.9	86 000 *
18.0	76.3	64.4	74 200 *
20.0	74.4	63.9	65 600
22.0	72.6	63.2	58 200
24.0	70.7	62.5	51 200
26.0	68.8	61.8	45 600
28.0	66.8	60.9	40 900
30.0	64.8	60.0	37 000
32.0	62.8	59.0	33 600
34.0	60.8	57.9	30 700
36.0	58.7	56.7	28 100
38.0	56.6	55.4	25 800
40.0	54.4	53.9	23 800
42.0	52.1	52.4	22 000
44.0	49.8	50.7	20 400
46.0	47.4	48.9	18 900
48.0	44.8	46.9	17 500 *
50.0	42.2	44.8	15 900 *
52.0	39.4	42.4	14 500 *
54.0	36.4	39.7	13 200 *
56.0	33.2	36.8	11 900 *
58.0	29.7	33.4	10 700 *
67.1m (220 Ft.) BOOM			
11.6	82.5	68.8	98 500 *
12.0	82.2	68.7	97 700 *
13.0	81.3	68.6	94 400 *
14.0	80.4	68.4	90 800 *
15.0	79.6	68.2	87 500 *
16.0	78.7	68.0	83 400 *
18.0	76.9	67.6	73 000 *
20.0	75.2	67.0	64 400 *
22.0	73.4	66.4	57 400
24.0	71.6	65.8	51 000
26.0	69.8	65.1	45 300
28.0	67.9	64.2	40 700
30.0	66.1	63.4	36 700
32.0	64.2	62.4	33 300
34.0	62.2	61.4	30 400

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
67.1m (220 Ft.) BOOM			
36.0	60.3	60.2	27 800
38.0	58.3	59.0	25 500
40.0	56.2	57.7	23 500
42.0	54.1	56.3	21 700
44.0	52.0	54.7	20 100
46.0	49.7	53.0	18 700
48.0	47.4	51.2	17 300
50.0	45.0	49.3	15 800 *
52.0	42.5	47.1	14 300 *
54.0	39.9	44.8	13 000 *
56.0	37.1	42.2	11 800 *
58.0	34.1	39.3	10 700 *
60.0	30.9	36.1	9 500 *
62.0	27.3	32.4	8 500 *
70.1m (230 Ft.) BOOM			
11.6	82.9	71.9	87 600 *
12.0	82.5	71.8	87 100 *
13.0	81.7	71.7	85 900 *
14.0	80.9	71.5	84 800 *
15.0	80.0	71.3	82 400 *
16.0	79.2	71.1	79 600 *
18.0	77.5	70.7	72 100 *
20.0	75.8	70.2	63 500 *
22.0	74.1	69.6	56 600 *
24.0	72.4	69.0	50 700
26.0	70.7	68.3	45 100
28.0	68.9	67.5	40 400
30.0	67.2	66.7	36 400
32.0	65.4	65.8	33 100
34.0	63.6	64.8	30 100
36.0	61.7	63.7	27 500
38.0	59.8	62.6	25 300
40.0	57.9	61.3	23 300
42.0	55.9	60.0	21 500
44.0	53.9	58.6	19 800
46.0	51.8	57.0	18 400
48.0	49.7	55.3	17 100
50.0	47.5	53.5	15 700
52.0	45.2	51.6	14 300 *
54.0	42.8	49.4	13 000 *
56.0	40.3	47.1	11 700 *
58.0	37.7	44.6	10 600 *
60.0	34.9	41.8	9 500 *
62.0	31.8	38.7	8 500 *
64.0	28.5	35.1	7 500 *

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

**Meets
ANSI B30.5
Requirements**

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
73.2m (240 Ft.) BOOM			
12.2	82.7	74.9	84 200 *
13.0	82.0	74.8	83 300 *
14.0	81.2	74.6	80 900 *
15.0	80.4	74.4	78 300 *
16.0	79.6	74.2	75 600 *
18.0	78.0	73.8	70 200 *
20.0	76.4	73.3	62 300 *
22.0	74.8	72.8	55 500 *
24.0	73.2	72.2	50 000 *
26.0	71.5	71.5	44 800 *
28.0	69.9	70.8	40 100 *
30.0	68.2	70.0	36 100 *
32.0	66.5	69.2	32 800 *
34.0	64.7	68.2	29 800 *
36.0	63.0	67.2	27 300 *
38.0	61.2	66.1	25 000 *
40.0	59.4	64.9	23 000 *
42.0	57.5	63.7	21 200 *
44.0	55.6	62.3	19 600 *
46.0	53.7	60.9	18 100 *
48.0	51.7	59.3	16 700 *
50.0	49.7	57.6	15 500 *
52.0	47.6	55.8	14 100 *
54.0	45.4	53.9	12 800 *
56.0	43.1	51.8	11 500 *
58.0	40.7	49.5	10 400 *
60.0	38.2	47.0	9 300 *
62.0	35.6	44.3	8 300 *
64.0	32.7	41.2	7 300 *
66.0	29.6	37.8	6 500 *
68.0	26.2	34.0	5 600 *
76.2m (250 Ft.) BOOM			
12.2	83.0	78.0	81 200 *
13.0	82.4	77.8	80 300 *
14.0	81.6	77.7	77 800 *
15.0	80.8	77.5	75 300 *
16.0	80.1	77.3	72 900 *
18.0	78.5	76.9	67 900 *
20.0	77.0	76.5	62 500 *
22.0	75.4	76.0	55 600 *
24.0	73.9	75.4	50 100 *
26.0	72.3	74.8	45 200 *
28.0	70.7	74.1	40 500 *
30.0	69.1	73.3	36 500 *
32.0	67.5	72.5	33 100 *
34.0	65.8	71.6	30 200 *
36.0	64.2	70.6	27 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
76.2m (250 Ft.) BOOM			
38.0	62.5	69.6	25 400 *
40.0	60.7	68.5	23 400 *
42.0	59.0	67.3	21 600 *
44.0	57.2	66.0	19 900 *
46.0	55.4	64.6	18 400 *
48.0	53.5	63.2	17 100 *
50.0	51.6	61.6	15 900 *
52.0	49.6	59.9	14 800 *
54.0	47.6	58.1	13 600 *
56.0	45.5	56.2	12 300 *
58.0	43.4	54.1	11 200 *
60.0	41.1	51.8	10 100 *
62.0	38.7	49.4	9 100 *
64.0	36.2	46.7	8 200 *
66.0	33.5	43.8	7 300 *
68.0	30.6	40.5	6 500 *
70.0	27.5	36.8	5 600 *
79.2m (260 Ft.) BOOM			
12.8	82.8	81.0	76 800 *
13.0	82.7	80.9	76 300 *
14.0	81.9	80.8	73 800 *
15.0	81.2	80.6	71 500 *
16.0	80.5	80.4	69 100 *
18.0	79.0	80.1	64 400 *
20.0	77.5	79.6	59 900 *
22.0	76.0	79.1	54 800 *
24.0	74.5	78.6	49 100 *
26.0	73.0	78.0	44 500 *
28.0	71.5	77.3	40 200 *
30.0	69.9	76.6	36 200 *
32.0	68.4	75.8	32 800 *
34.0	66.8	74.9	29 900 *
36.0	65.2	74.0	27 300 *
38.0	63.6	73.0	25 100 *
40.0	62.0	72.0	23 000 *
42.0	60.3	70.8	21 200 *
44.0	58.6	69.6	19 600 *
46.0	56.9	68.3	18 200 *
48.0	55.1	67.0	16 800 *
50.0	53.3	65.5	15 600 *
52.0	51.5	63.9	14 500 *
54.0	49.6	62.2	13 400 *
56.0	47.7	60.4	12 100 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
79.2m (260 Ft.) BOOM			
58.0	45.7	58.5	11 000 *
60.0	43.6	56.4	9 900 *
62.0	41.4	54.2	8 900 *
64.0	39.1	51.8	8 000 *
66.0	36.8	49.2	7 100 *
68.0	34.2	46.3	6 200 *
70.0	31.5	43.1	5 400 *
72.0	28.6	39.6	4 700 *
82.3m (270 Ft.) BOOM			
13.4	82.6	83.9	69 800 *
14.0	82.2	83.9	68 800 *
15.0	81.5	83.7	66 700 *
16.0	80.8	83.5	64 600 *
18.0	79.4	83.2	60 400 *
20.0	78.0	82.7	56 300 *
22.0	76.5	82.3	52 300 *
24.0	75.1	81.7	48 200 *
26.0	73.7	81.2	43 600 *
28.0	72.2	80.5	39 700 *
30.0	70.7	79.8	36 000 *
32.0	69.2	79.1	32 600 *
34.0	67.7	78.3	29 600 *
36.0	66.2	77.4	27 100 *
38.0	64.7	76.4	24 800 *
40.0	63.1	75.4	22 800 *
42.0	61.5	74.4	21 000 *
44.0	59.9	73.2	19 400 *
46.0	58.3	72.0	17 900 *
48.0	56.6	70.7	16 500 *
50.0	54.9	69.3	15 300 *
52.0	53.2	67.8	14 200 *
54.0	51.4	66.2	13 100 *
56.0	49.6	64.5	11 900 *
58.0	47.7	62.7	10 800 *
60.0	45.8	60.8	9 700 *
62.0	43.8	58.8	8 700 *
64.0	41.7	56.5	7 800 *
66.0	39.6	54.2	6 900 *
68.0	37.3	51.6	6 100 *
70.0	34.9	48.8	5 300 *
72.0	32.3	45.7	4 500 *
74.0	29.6	42.3	3 800 *
76.0	26.5	38.4	3 000 *



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
93 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

**Meets
ANSI B30.5
Requirements**

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
13.4	82.9	87.0	64 700 *
14.0	82.5	86.9	64 400 *
15.0	81.8	86.8	63 400 *
16.0	81.1	86.6	61 200 *
18.0	79.8	86.3	58 500 *
20.0	78.4	85.9	57 700 *
22.0	77.0	85.4	53 600 *
24.0	75.6	84.9	47 800 *
26.0	74.3	84.3	43 200 *
28.0	72.8	83.7	39 300 *
30.0	71.4	83.1	35 900
32.0	70.0	82.3	32 500
34.0	68.6	81.6	29 600
36.0	67.1	80.7	27 000
38.0	65.6	79.8	24 700
40.0	64.1	78.9	22 700
42.0	62.6	77.8	20 900
44.0	61.1	76.7	19 300
46.0	59.5	75.6	17 800
48.0	58.0	74.3	16 500
50.0	56.4	73.0	15 200
52.0	54.7	71.6	13 800 *
54.0	53.0	70.1	12 500 *
56.0	51.3	68.5	11 200 *
58.0	49.6	66.8	10 100 *
60.0	47.8	65.0	9 000 *
62.0	45.9	63.1	8 100 *
64.0	44.0	61.1	7 200 *
66.0	42.0	58.9	6 300 *
68.0	39.9	56.5	5 500 *
70.0	37.8	54.0	4 700 *
72.0	35.5	51.2	4 000 *
74.0	33.1	48.2	3 300 *
76.0	30.5	44.9	2 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
88.4m (290 Ft.) BOOM			
14.0	82.7	90.0	59 800 *
15.0	82.1	89.9	59 400 *
16.0	81.5	89.7	59 000 *
18.0	80.1	89.4	58 000 *
20.0	78.8	89.0	56 000 *
22.0	77.5	88.5	52 800 *
24.0	76.2	88.0	47 100 *
26.0	74.8	87.5	42 500 *
28.0	73.5	86.9	38 600 *
30.0	72.1	86.3	35 300 *
32.0	70.7	85.6	32 300
34.0	69.3	84.8	29 400
36.0	67.9	84.0	26 800
38.0	66.5	83.2	24 500
40.0	65.1	82.2	22 500
42.0	63.7	81.3	20 700
44.0	62.2	80.2	19 100
46.0	60.7	79.1	17 600
48.0	59.2	77.9	16 300
50.0	57.7	76.7	15 100
52.0	56.1	75.3	13 700 *
54.0	54.5	73.9	12 400 *
56.0	52.9	72.4	11 200 *
58.0	51.3	70.8	10 000 *
60.0	49.6	69.1	9 000 *
62.0	47.8	67.3	8 000 *
64.0	46.0	65.4	7 100 *
66.0	44.2	63.4	6 200 *
68.0	42.3	61.2	5 400 *
70.0	40.3	58.9	4 600 *
72.0	38.2	56.4	3 900 *
74.0	36.0	53.7	3 200 *
76.0	33.7	50.8	2 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	83.0	93.1	55 900 *
15.0	82.4	93.0	55 600 *
16.0	81.7	92.8	55 200 *
18.0	80.5	92.5	53 000 *
20.0	79.2	92.1	50 500 *
22.0	77.9	91.7	48 400 *
24.0	76.6	91.2	45 900 *
26.0	75.3	90.7	41 600 *
28.0	74.0	90.1	37 800 *
30.0	72.7	89.5	34 500 *
32.0	71.4	88.8	31 600 *
34.0	70.1	88.1	29 100
36.0	68.7	87.3	26 500
38.0	67.4	86.5	24 200
40.0	66.0	85.6	22 200
42.0	64.6	84.7	20 400
44.0	63.2	83.7	18 800
46.0	61.8	82.6	17 200 *
48.0	60.3	81.5	15 500 *
50.0	58.9	80.3	13 900 *
52.0	57.4	79.0	12 400 *
54.0	55.9	77.6	11 100 *
56.0	54.3	76.2	9 800 *
58.0	52.8	74.7	8 700 *
60.0	51.2	73.1	7 700 *
62.0	49.5	71.4	6 800 *
64.0	47.9	69.6	5 900 *
66.0	46.1	67.7	5 100 *
68.0	44.3	65.7	4 300 *
70.0	42.5	63.6	3 700 *
72.0	40.6	61.3	3 000 *
74.0	38.6	58.8	2 400 *
76.0	36.5	56.1	1 900 *