



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

**LIFTING CAPACITIES:** Lifting capacities are for a crawler machine when operating on a static barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

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 85.3m 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 all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom 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 on a firm uniformly supporting surface with gantry up and machine list not to exceed degrees noted with exception of 0 degree

machine list which must not exceed 0.5 degrees. 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 at barge deck 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 barge deck 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.

<b>Maximum Boom Length Lifted Unassisted Over Front, Side or Rear of Crawlers</b>	
List	Boom Length
0 Degree	85.3m
1 Degree	85.3m
2 Degree	85.3m
3 Degree	85.3m
Load block, hook and weight ball on barge deck at start. Jib is not to be used on crawler machine while operating on a barge.	



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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>21.3m (70 Ft.) BOOM</b>							
5.5	82.9	23.5	272 100 *				5.5
6.0	81.5	23.4	245 300 *				6.0
6.5	80.2	23.3	244 600 *	203 100 *	147 100 *		6.5
7.0	78.8	23.2	229 100 *	203 100 *	147 100 *	114 800 *	7.0
7.5	77.4	23.1	214 500 *	202 100 *	147 100 *	114 800 *	7.5
8.0	76.0	22.9	201 700 *	192 800 *	147 100 *	114 800 *	8.0
8.5	74.6	22.8	190 300 *	182 300 *	147 100 *	114 800 *	8.5
9.0	73.2	22.6	180 100 *	171 300	146 200 *	114 800 *	9.0
10.0	70.3	22.2	155 400	145 300	132 500 *	112 600 *	10.0
11.0	67.4	21.8	133 700	126 300	119 600	102 500 *	11.0
12.0	64.4	21.3	117 300	111 500	106 100	93 400 *	12.0
13.0	61.3	20.7	104 300	99 700	95 400	85 700 *	13.0
14.0	58.1	20.1	93 800	90 000	86 500	79 100 *	14.0
15.0	54.8	19.4	85 000	82 000	79 000	73 400 *	15.0
16.0	51.4	18.5	77 700	75 100	72 700	68 400 *	16.0
18.0	43.8	16.6	66 100	64 300	62 500	60 000 *	18.0
20.0	34.8	13.9	57 100	55 800	54 600	53 300 *	20.0
<b>24.4m (80 Ft.) BOOM</b>							
6.1	82.4	26.5	238 700 *				6.1
6.5	81.4	26.4	237 100 *	194 700 *			6.5
7.0	80.2	26.3	228 600 *	193 100 *	144 100 *		7.0
7.5	79.0	26.2	214 100 *	190 500 *	144 100 *	112 900 *	7.5
8.0	77.8	26.1	201 300 *	187 900 *	144 100 *	112 900 *	8.0
8.5	76.6	26.0	189 900 *	181 100 *	144 100 *	112 900 *	8.5
9.0	75.4	25.8	179 700 *	169 500	144 100 *	112 900 *	9.0
10.0	72.9	25.5	155 400	144 000	132 300 *	111 300 *	10.0
11.0	70.4	25.1	133 600	125 200	117 600	102 100 *	11.0
12.0	67.8	24.7	117 200	110 600	104 600	93 000 *	12.0
13.0	65.2	24.2	104 100	98 900	94 000	85 400 *	13.0
14.0	62.6	23.7	93 600	89 300	85 300	78 800 *	14.0
15.0	59.8	23.1	84 900	81 300	78 000	73 100 *	15.0
16.0	57.0	22.4	77 500	74 500	71 700	68 100 *	16.0
18.0	51.1	20.8	65 900	63 700	61 700	59 700	18.0
20.0	44.5	18.9	57 100	55 500	54 000	52 500	20.0
22.0	37.0	16.4	50 200	49 000	47 900	46 700	22.0
24.0	27.6	13.0	43 500	42 900	42 300	41 800	24.0



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No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>27.4m (90 Ft.) BOOM</b>							
6.4	82.6	29.5	226 100 *				6.4
6.5	82.4	29.5	225 700 *				6.5
7.0	81.3	29.4	223 400 *	180 600 *			7.0
7.5	80.3	29.3	214 400 *	178 100 *	140 700 *		7.5
8.0	79.2	29.2	201 100 *	175 800 *	140 700 *	110 800 *	8.0
8.5	78.1	29.1	189 600 *	173 600 *	140 700 *	110 800 *	8.5
9.0	77.0	29.0	179 400 *	168 400	140 700 *	110 800 *	9.0
10.0	74.9	28.7	155 400	142 700	132 100	109 900 *	10.0
11.0	72.7	28.4	133 600	124 200	115 900	101 900 *	11.0
12.0	70.4	28.0	117 100	109 800	103 200	92 900 *	12.0
13.0	68.2	27.6	104 100	98 200	92 800	85 200 *	13.0
14.0	65.9	27.1	93 500	88 700	84 300	78 600 *	14.0
15.0	63.5	26.6	84 800	80 800	77 100	72 900 *	15.0
16.0	61.1	26.0	77 500	74 100	70 900	67 800	16.0
18.0	56.1	24.7	65 800	63 300	61 000	58 800	18.0
20.0	50.8	23.1	57 000	55 100	53 400	51 700	20.0
22.0	45.0	21.2	50 100	48 600	47 300	46 000	22.0
24.0	38.5	18.8	44 500	43 400	42 400	41 300	24.0
<b>30.5m (100 Ft.) BOOM</b>							
6.7	82.8	32.6	217 400 *				6.7
7.0	82.2	32.5	216 000 *				7.0
7.5	81.2	32.4	212 300 *	166 900 *			7.5
8.0	80.3	32.3	200 600 *	164 800 *	136 900 *		8.0
8.5	79.3	32.2	189 200 *	162 700 *	136 900 *	108 300 *	8.5
9.0	78.4	32.1	179 000 *	160 800 *	136 300 *	108 300 *	9.0
10.0	76.4	31.9	155 300	141 600	131 000	108 200 *	10.0
11.0	74.5	31.6	133 400	123 100	114 100	101 600 *	11.0
12.0	72.5	31.2	116 900	108 800	101 700	92 500 *	12.0
13.0	70.5	30.9	103 900	97 400	91 500	84 800 *	13.0
14.0	68.5	30.5	93 400	88 000	83 100	78 300 *	14.0
15.0	66.4	30.0	84 600	80 100	76 000	72 300	15.0
16.0	64.3	29.5	77 200	73 500	70 000	66 800	16.0
18.0	60.0	28.4	65 600	62 800	60 200	57 700	18.0
20.0	55.4	27.0	56 800	54 600	52 700	50 700	20.0
22.0	50.6	25.4	49 800	48 200	46 600	45 100	22.0
24.0	45.4	23.5	44 300	43 000	41 700	40 500	24.0
26.0	39.7	21.2	39 700	38 600	37 700	36 700	26.0
28.0	33.1	18.3	35 800	35 000	34 200	33 500	28.0



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**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>33.5m (110 Ft.) BOOM</b>							
7.0	82.9	35.6	169 800 *				7.0
7.5	82.0	35.5	167 900 *				7.5
8.0	81.2	35.4	166 200 *	135 900 *			8.0
8.5	80.3	35.3	164 500 *	134 700 *	119 800 *		8.5
9.0	79.4	35.2	162 900 *	133 700 *	118 900 *	104 600 *	9.0
10.0	77.7	35.0	156 400	131 800 *	117 400 *	104 600 *	10.0
11.0	75.9	34.7	133 300	122 200	112 600	101 400 *	11.0
12.0	74.1	34.4	116 800	108 000	100 300	92 300 *	12.0
13.0	72.3	34.1	103 800	96 700	90 300	84 600	13.0
14.0	70.5	33.8	93 200	87 400	82 100	77 300	14.0
15.0	68.7	33.3	84 500	79 600	75 100	71 100	15.0
16.0	66.8	32.9	77 100	73 000	69 200	65 700	16.0
18.0	63.0	31.9	65 400	62 400	59 500	56 900	18.0
20.0	59.0	30.7	56 600	54 300	52 100	50 000	20.0
22.0	54.9	29.3	49 700	47 900	46 100	44 500	22.0
24.0	50.5	27.7	44 100	42 600	41 200	39 900	24.0
26.0	45.8	25.8	39 500	38 300	37 200	36 100	26.0
28.0	40.6	23.6	35 700	34 700	33 800	32 900	28.0
30.0	34.9	20.9	32 400	31 600	30 900	30 200	30.0
32.0	28.0	17.4	29 600	29 000	28 400	27 800	32.0
<b>36.6m (120 Ft.) BOOM</b>							
7.3	83.0	38.6	164 900 *				7.3
7.5	82.7	38.6	164 300 *				7.5
8.0	81.9	38.5	162 600 *	132 800 *			8.0
8.5	81.1	38.4	161 000 *	131 700 *			8.5
9.0	80.3	38.3	159 500 *	130 700 *	116 300 *		9.0
10.0	78.7	38.1	154 000	128 900 *	114 800 *	100 300 *	10.0
11.0	77.1	37.9	133 100	121 100	110 900	98 700 *	11.0
12.0	75.5	37.6	116 600	107 100	98 800	91 900	12.0
13.0	73.9	37.3	103 500	95 900	89 100	83 100	13.0
14.0	72.2	37.0	93 000	86 600	81 000	75 900	14.0
15.0	70.5	36.6	84 200	78 900	74 200	69 800	15.0
16.0	68.9	36.2	76 900	72 300	68 200	64 500	16.0
18.0	65.4	35.3	65 200	61 800	58 700	55 900	18.0
20.0	61.9	34.3	56 400	53 800	51 400	49 100	20.0
22.0	58.2	33.1	49 400	47 400	45 500	43 700	22.0
24.0	54.4	31.7	43 800	42 200	40 600	39 200	24.0
26.0	50.4	30.0	39 200	37 900	36 700	35 400	26.0
28.0	46.1	28.2	35 400	34 300	33 200	32 200	28.0
30.0	41.4	26.0	32 100	31 200	30 400	29 500	30.0
32.0	36.3	23.4	29 300	28 600	27 900	27 200	32.0
34.0	30.3	20.1	26 800	26 200	25 700	25 100	34.0



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**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>39.6m (130 Ft.) BOOM</b>							
7.9	82.7	41.6	159 000 *				7.9
8.0	82.6	41.6	158 800 *				8.0
8.5	81.8	41.5	157 300 *				8.5
9.0	81.1	41.4	155 900 *	127 600 *			9.0
10.0	79.6	41.3	151 500	125 800 *	109 500 *	93 900 *	10.0
11.0	78.1	41.0	133 100	120 300	107 500	92 500 *	11.0
12.0	76.6	40.8	116 600	106 400	97 900	89 700	12.0
13.0	75.1	40.5	103 500	95 300	88 100	81 700	13.0
14.0	73.6	40.2	93 000	86 100	80 100	74 800	14.0
15.0	72.1	39.9	84 200	78 500	73 400	68 800	15.0
16.0	70.6	39.5	76 800	72 000	67 600	63 600	16.0
18.0	67.4	38.7	65 200	61 500	58 200	55 200	18.0
20.0	64.2	37.7	56 300	53 500	50 900	48 500	20.0
22.0	60.9	36.6	49 400	47 200	45 100	43 100	22.0
24.0	57.5	35.4	43 800	42 000	40 300	38 700	24.0
26.0	54.0	34.0	39 200	37 700	36 300	35 000	26.0
28.0	50.3	32.3	35 300	34 100	33 000	31 900	28.0
30.0	46.3	30.5	32 100	31 100	30 100	29 200	30.0
32.0	42.0	28.3	29 300	28 400	27 600	26 900	32.0
34.0	37.4	25.8	26 800	26 100	25 400	24 800	34.0
36.0	32.2	22.8	24 700	24 100	23 500	23 000	36.0
38.0	25.9	19.0	22 800	22 300	21 800	21 400	38.0
<b>42.7m (140 Ft.) BOOM</b>							
8.2	82.8	44.7	155 000 *				8.2
8.5	82.4	44.6	154 300 *				8.5
9.0	81.7	44.5	152 900 *	124 800 *			9.0
10.0	80.4	44.4	149 400	123 100 *	102 800 *		10.0
11.0	79.0	44.2	132 900	119 200	101 100 *	86 600 *	11.0
12.0	77.6	43.9	116 300	105 500	96 700	85 300 *	12.0
13.0	76.2	43.7	103 300	94 500	86 900	80 400	13.0
14.0	74.8	43.4	92 700	85 400	79 100	73 400	14.0
15.0	73.4	43.1	83 900	77 800	72 400	67 600	15.0
16.0	72.0	42.8	76 600	71 400	66 700	62 500	16.0
18.0	69.1	42.0	64 900	61 000	57 500	54 200	18.0
20.0	66.2	41.1	56 000	53 000	50 300	47 700	20.0
22.0	63.2	40.1	49 100	46 700	44 500	42 400	22.0
24.0	60.1	39.0	43 500	41 600	39 800	38 000	24.0
26.0	56.9	37.7	38 900	37 300	35 800	34 400	26.0
28.0	53.6	36.3	35 100	33 700	32 500	31 300	28.0
30.0	50.2	34.6	31 800	30 700	29 600	28 600	30.0
32.0	46.5	32.8	28 900	28 000	27 100	26 300	32.0
34.0	42.6	30.7	26 500	25 700	25 000	24 200	34.0
36.0	38.3	28.2	24 400	23 700	23 100	22 400	36.0
38.0	33.6	25.3	22 400	21 900	21 300	20 800	38.0



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**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>45.7m (150 Ft.) BOOM</b>							
8.5	82.9	47.7	137 100 *				8.5
9.0	82.3	47.6	135 800 *				9.0
10.0	81.0	47.5	133 100 *	101 100 *			10.0
11.0	79.7	47.3	130 500	99 700 *	85 900 *	75 500 *	11.0
12.0	78.5	47.1	116 400	98 300 *	84 900 *	74 300 *	12.0
13.0	77.2	46.8	103 100	94 200	82 600 *	72 300 *	13.0
14.0	75.9	46.6	92 500	84 800	78 100	70 300 *	14.0
15.0	74.6	46.3	83 800	77 200	71 500	66 700	15.0
16.0	73.3	46.0	76 400	70 800	65 900	61 500	16.0
18.0	70.6	45.3	64 700	60 500	56 800	53 400	18.0
20.0	67.9	44.5	55 900	52 600	49 600	47 000	20.0
22.0	65.2	43.6	48 900	46 300	43 900	41 700	22.0
24.0	62.3	42.5	43 300	41 200	39 300	37 400	24.0
26.0	59.4	41.4	38 700	37 000	35 300	33 800	26.0
28.0	56.4	40.0	34 800	33 400	32 000	30 700	28.0
30.0	53.3	38.6	31 500	30 300	29 200	28 100	30.0
32.0	50.1	36.9	28 700	27 700	26 700	25 800	32.0
34.0	46.7	35.1	26 300	25 400	24 600	23 800	34.0
36.0	43.0	33.0	24 100	23 400	22 700	22 000	36.0
38.0	39.1	30.6	22 200	21 600	21 000	20 400	38.0
40.0	34.9	27.8	20 600	20 000	19 500	19 000	40.0
42.0	30.1	24.6	19 000	18 500	18 100	17 700	42.0
<b>48.8m (160 Ft.) BOOM</b>							
8.8	83.0	50.7	132 400 *				8.8
9.0	82.8	50.7	132 000 *				9.0
10.0	81.6	50.6	129 600 *	98 400 *			10.0
11.0	80.4	50.4	127 300	97 000 *	83 700 *		11.0
12.0	79.2	50.2	116 500	95 800 *	82 300 *	71 900 *	12.0
13.0	78.0	50.0	102 800	92 500	79 800 *	69 800 *	13.0
14.0	76.8	49.7	92 300	84 100	76 900	67 800 *	14.0
15.0	75.6	49.4	83 500	76 600	70 600	65 300	15.0
16.0	74.3	49.2	76 100	70 200	65 000	60 700	16.0
18.0	71.9	48.5	64 400	60 000	56 000	52 500	18.0
20.0	69.4	47.8	55 500	52 100	49 000	46 200	20.0
22.0	66.8	46.9	48 600	45 900	43 300	41 000	22.0
24.0	64.2	46.0	43 000	40 800	38 700	36 800	24.0
26.0	61.5	44.9	38 400	36 600	34 800	33 200	26.0
28.0	58.8	43.7	34 500	33 000	31 500	30 200	28.0
30.0	56.0	42.4	31 200	29 900	28 700	27 500	30.0
32.0	53.1	40.9	28 400	27 300	26 300	25 200	32.0
34.0	50.0	39.2	26 000	25 000	24 100	23 200	34.0
36.0	46.8	37.4	23 800	23 000	22 200	21 400	36.0
38.0	43.4	35.3	21 900	21 200	20 500	19 800	38.0
40.0	39.8	33.0	20 200	19 600	19 000	18 400	40.0
42.0	35.9	30.3	18 700	18 200	17 700	17 200	42.0
44.0	31.6	27.2	17 300	16 900	16 400	16 000	44.0



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**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>51.8m (170 Ft.) BOOM</b>							
9.1	83.0	53.8	128 800 *				9.1
10.0	82.1	53.6	126 900 *				10.0
11.0	81.0	53.5	124 900	94 900 *	81 900 *		11.0
12.0	79.8	53.3	116 800	93 300 *	79 900 *		12.0
13.0	78.7	53.1	102 800	90 000	77 300 *	67 700 *	13.0
14.0	77.6	52.9	92 200	83 600	74 800 *	65 800 *	14.0
15.0	76.4	52.6	83 400	76 100	70 000	63 800	15.0
16.0	75.3	52.3	76 000	69 800	64 400	60 500	16.0
18.0	73.0	51.7	64 400	59 700	55 600	51 800	18.0
20.0	70.6	51.0	55 500	51 900	48 600	45 600	20.0
22.0	68.3	50.2	48 500	45 700	43 000	40 600	22.0
24.0	65.8	49.4	42 900	40 600	38 400	36 400	24.0
26.0	63.4	48.4	38 300	36 400	34 500	32 900	26.0
28.0	60.8	47.3	34 500	32 800	31 300	29 800	28.0
30.0	58.3	46.0	31 200	29 800	28 500	27 200	30.0
32.0	55.6	44.7	28 400	27 200	26 000	24 900	32.0
34.0	52.8	43.2	25 900	24 900	23 900	23 000	34.0
36.0	50.0	41.5	23 800	22 900	22 000	21 200	36.0
38.0	47.0	39.7	21 900	21 100	20 400	19 600	38.0
40.0	43.8	37.7	20 100	19 500	18 900	18 200	40.0
42.0	40.4	35.4	18 700	18 000	17 500	16 900	42.0
44.0	36.8	32.8	17 300	16 800	16 300	15 800	44.0
46.0	32.8	29.8	16 000	15 600	15 200	14 700	46.0
48.0	28.4	26.3	14 900	14 500	14 100	13 800	48.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>54.9m (180 Ft.) BOOM</b>							
9.8	82.8	56.8	124 500 *				9.8
10.0	82.5	56.7	124 000 *				10.0
11.0	81.5	56.6	122 200 *	92 600 *			11.0
12.0	80.4	56.4	116 300	90 100 *	77 000 *		12.0
13.0	79.3	56.2	102 600	86 800 *	74 500 *	65 200 *	13.0
14.0	78.3	56.0	92 000	82 800	72 100 *	63 400 *	14.0
15.0	77.2	55.7	83 200	75 500	69 000	61 500 *	15.0
16.0	76.1	55.5	75 800	69 200	63 900	58 800	16.0
18.0	74.0	54.9	64 100	59 100	54 800	51 000	18.0
20.0	71.8	54.3	55 200	51 400	47 900	44 800	20.0
22.0	69.5	53.5	48 200	45 200	42 400	39 900	22.0
24.0	67.3	52.7	42 600	40 100	37 800	35 700	24.0
26.0	65.0	51.8	38 000	36 000	34 000	32 200	26.0
28.0	62.6	50.7	34 200	32 400	30 800	29 300	28.0
30.0	60.2	49.6	30 900	29 400	28 000	26 700	30.0
32.0	57.8	48.4	28 100	26 800	25 600	24 400	32.0
34.0	55.2	47.0	25 600	24 500	23 500	22 500	34.0
36.0	52.6	45.5	23 500	22 500	21 600	20 700	36.0
38.0	49.9	43.8	21 500	20 700	19 900	19 200	38.0
40.0	47.1	42.0	19 900	19 100	18 400	17 700	40.0
42.0	44.1	40.0	18 300	17 700	17 100	16 500	42.0
44.0	41.0	37.7	17 000	16 400	15 800	15 300	44.0
46.0	37.6	35.2	15 700	15 200	14 800	14 300	46.0
48.0	33.9	32.3	14 600	14 200	13 700	13 300	48.0
50.0	29.9	29.0	13 600	13 200	12 800	12 400	50.0





# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>57.9m (190 Ft.) BOOM</b>							
10.4	82.6	59.7	109 400 *				10.4
11.0	81.9	59.7	108 200 *	79 700 *			11.0
12.0	80.9	59.5	106 500 *	78 700 *			12.0
13.0	79.9	59.3	103 100	77 400 *	64 300 *		13.0
14.0	78.9	59.1	91 800	75 100 *	62 600 *	53 600 *	14.0
15.0	77.9	58.9	83 000	72 900 *	61 000 *	52 300 *	15.0
16.0	76.9	58.6	75 600	69 400	59 500 *	51 100 *	16.0
18.0	74.8	58.1	63 900	58 800	54 300	48 800 *	18.0
20.0	72.8	57.5	55 000	51 000	47 400	44 200	20.0
22.0	70.7	56.8	48 000	44 800	41 900	39 200	22.0
24.0	68.5	56.0	42 400	39 800	37 400	35 100	24.0
26.0	66.4	55.1	37 800	35 600	33 600	31 700	26.0
28.0	64.2	54.2	33 900	32 100	30 300	28 800	28.0
30.0	61.9	53.1	30 600	29 000	27 600	26 200	30.0
32.0	59.7	52.0	27 800	26 400	25 200	24 000	32.0
34.0	57.3	50.7	25 300	24 200	23 100	22 000	34.0
36.0	54.9	49.3	23 200	22 200	21 200	20 300	36.0
38.0	52.4	47.8	21 300	20 400	19 500	18 700	38.0
40.0	49.9	46.1	19 600	18 800	18 100	17 300	40.0
42.0	47.2	44.3	18 100	17 400	16 700	16 100	42.0
44.0	44.4	42.3	16 700	16 100	15 500	14 900	44.0
46.0	41.4	40.1	15 500	14 900	14 400	13 900	46.0
48.0	38.3	37.6	14 300	13 800	13 400	12 900	48.0
50.0	34.9	34.8	13 300	12 900	12 500	12 100	50.0
52.0	31.2	31.6	12 300	12 000	11 600	11 300	52.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>61.0m (200 Ft.) BOOM</b>							
10.4	82.9	62.8	105 800 *				10.4
11.0	82.3	62.7	104 800 *				11.0
12.0	81.4	62.6	103 200 *	76 300 *			12.0
13.0	80.4	62.4	101 000	74 200 *	61 800 *		13.0
14.0	79.5	62.2	91 500	72 000 *	60 100 *	51 500 *	14.0
15.0	78.5	62.0	82 700	69 800 *	58 500 *	50 100 *	15.0
16.0	77.5	61.8	75 300	67 100	56 900 *	48 900 *	16.0
18.0	75.6	61.3	63 500	58 400	53 100	46 500 *	18.0
20.0	73.6	60.7	54 700	50 500	46 700	43 500	20.0
22.0	71.7	60.0	47 700	44 300	41 300	38 500	22.0
24.0	69.7	59.3	42 100	39 300	36 800	34 500	24.0
26.0	67.6	58.5	37 500	35 200	33 000	31 100	26.0
28.0	65.6	57.6	33 600	31 700	29 900	28 200	28.0
30.0	63.5	56.6	30 300	28 700	27 100	25 700	30.0
32.0	61.3	55.5	27 500	26 100	24 700	23 500	32.0
34.0	59.2	54.3	25 000	23 800	22 600	21 500	34.0
36.0	56.9	53.0	22 900	21 800	20 800	19 800	36.0
38.0	54.6	51.6	21 000	20 000	19 100	18 300	38.0
40.0	52.3	50.1	19 300	18 400	17 600	16 900	40.0
42.0	49.8	48.4	17 800	17 000	16 300	15 600	42.0
44.0	47.3	46.6	16 400	15 700	15 100	14 500	44.0
46.0	44.6	44.6	15 200	14 600	14 000	13 500	46.0
48.0	41.8	42.4	14 000	13 500	13 000	12 500	48.0
50.0	38.9	40.0	13 000	12 500	12 000	11 600	50.0
52.0	35.7	37.3	12 000	11 600	11 200	10 800	52.0
54.0	32.3	34.2	11 100	10 800	10 400	10 100	54.0
56.0	28.5	30.7	10 300	10 000	9 700	9 400	56.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>64.0m (210 Ft.) BOOM</b>							
11.0	82.7	65.8	102 100 *				11.0
12.0	81.8	65.7	100 800 *				12.0
13.0	80.9	65.5	98 800 *	71 400 *			13.0
14.0	80.0	65.3	91 500	69 200 *	57 800 *		14.0
15.0	79.1	65.1	82 600	67 000 *	56 200 *	48 300 *	15.0
16.0	78.1	64.9	75 200	65 000 *	54 700 *	47 000 *	16.0
18.0	76.3	64.4	63 400	58 200	51 700 *	44 700 *	18.0
20.0	74.4	63.9	54 600	50 100	46 300	42 400	20.0
22.0	72.6	63.2	47 600	44 100	40 900	38 100	22.0
24.0	70.7	62.5	42 000	39 100	36 500	34 100	24.0
26.0	68.8	61.8	37 400	35 000	32 800	30 700	26.0
28.0	66.8	60.9	33 500	31 400	29 600	27 800	28.0
30.0	64.8	60.0	30 200	28 500	26 900	25 400	30.0
32.0	62.8	59.0	27 400	25 900	24 500	23 200	32.0
34.0	60.8	57.9	24 900	23 600	22 400	21 200	34.0
36.0	58.7	56.7	22 800	21 600	20 500	19 500	36.0
38.0	56.6	55.4	20 900	19 900	18 900	18 000	38.0
40.0	54.4	53.9	19 200	18 300	17 400	16 600	40.0
42.0	52.1	52.4	17 600	16 900	16 100	15 400	42.0
44.0	49.8	50.7	16 300	15 600	14 900	14 300	44.0
46.0	47.4	48.9	15 000	14 400	13 800	13 200	46.0
48.0	44.8	46.9	13 900	13 400	12 800	12 300	48.0
50.0	42.2	44.8	12 900	12 400	11 900	11 400	50.0
52.0	39.4	42.4	11 900	11 500	11 000	10 600	52.0
54.0	36.4	39.7	11 100	10 700	10 300	9 900	54.0
56.0	33.2	36.8	10 200	9 900	9 500	9 200	56.0
58.0	29.7	33.4	9 500	9 200	8 900	8 500	58.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>67.1m (220 Ft.) BOOM</b>							
11.6	82.5	68.8	98 500 *				11.6
12.0	82.2	68.7	97 700 *				12.0
13.0	81.3	68.6	94 400 *	70 200 *			13.0
14.0	80.4	68.4	90 800 *	67 900 *	56 600 *		14.0
15.0	79.6	68.2	82 400	65 700 *	55 000 *	46 100 *	15.0
16.0	78.7	68.0	74 900	63 600 *	53 400 *	45 700 *	16.0
18.0	76.9	67.6	63 200	57 500	50 400 *	43 600 *	18.0
20.0	75.2	67.0	54 300	49 700	45 700	41 200	20.0
22.0	73.4	66.4	47 300	43 600	40 300	37 500	22.0
24.0	71.6	65.8	41 700	38 700	36 000	33 500	24.0
26.0	69.8	65.1	37 100	34 600	32 300	30 200	26.0
28.0	67.9	64.2	33 200	31 100	29 100	27 300	28.0
30.0	66.1	63.4	29 900	28 100	26 400	24 800	30.0
32.0	64.2	62.4	27 100	25 500	24 000	22 700	32.0
34.0	62.2	61.4	24 600	23 300	22 000	20 800	34.0
36.0	60.3	60.2	22 500	21 300	20 100	19 100	36.0
38.0	58.3	59.0	20 500	19 500	18 500	17 500	38.0
40.0	56.2	57.7	18 900	17 900	17 000	16 200	40.0
42.0	54.1	56.3	17 300	16 500	15 700	15 000	42.0
44.0	52.0	54.7	16 000	15 200	14 500	13 800	44.0
46.0	49.7	53.0	14 700	14 000	13 400	12 800	46.0
48.0	47.4	51.2	13 600	13 000	12 400	11 900	48.0
50.0	45.0	49.3	12 600	12 000	11 500	11 000	50.0
52.0	42.5	47.1	11 600	11 100	10 600	10 200	52.0
54.0	39.9	44.8	10 700	10 300	9 900	9 500	54.0
56.0	37.1	42.2	9 900	9 500	9 200	8 800	56.0
58.0	34.1	39.3	9 200	8 800	8 500	8 100	58.0
60.0	30.9	36.1	8 500	8 200	7 900	7 600	60.0
62.0	27.3	32.4	7 800	7 500	7 300	7 000	62.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>70.1m (230 Ft.) BOOM</b>							
11.6	82.9	71.9	87 600 *				11.6
12.0	82.5	71.8	87 100 *				12.0
13.0	81.7	71.7	85 900 *	62 600 *			13.0
14.0	80.9	71.5	84 800 *	61 000 *			14.0
15.0	80.0	71.3	81 700	59 500 *	48 400 *		15.0
16.0	79.2	71.1	75 500	57 900 *	47 300 *	38 700 *	16.0
18.0	77.5	70.7	62 900	55 000 *	45 100 *	38 000 *	18.0
20.0	75.8	70.2	54 000	49 300	43 100	36 400 *	20.0
22.0	74.1	69.6	47 000	43 200	40 100	34 800 *	22.0
24.0	72.4	69.0	41 400	38 300	35 400	32 800	24.0
26.0	70.7	68.3	36 800	34 200	31 800	29 600	26.0
28.0	68.9	67.5	32 900	30 700	28 700	26 800	28.0
30.0	67.2	66.7	29 600	27 700	26 000	24 300	30.0
32.0	65.4	65.8	26 800	25 200	23 600	22 200	32.0
34.0	63.6	64.8	24 300	22 900	21 600	20 300	34.0
36.0	61.7	63.7	22 200	20 900	19 800	18 600	36.0
38.0	59.8	62.6	20 300	19 200	18 100	17 100	38.0
40.0	57.9	61.3	18 600	17 600	16 700	15 800	40.0
42.0	55.9	60.0	17 100	16 200	15 400	14 500	42.0
44.0	53.9	58.6	15 700	14 900	14 200	13 400	44.0
46.0	51.8	57.0	14 500	13 800	13 000	12 400	46.0
48.0	49.7	55.3	13 300	12 700	12 100	11 500	48.0
50.0	47.5	53.5	12 300	11 700	11 100	10 600	50.0
52.0	45.2	51.6	11 300	10 800	10 300	9 800	52.0
54.0	42.8	49.4	10 500	10 000	9 500	9 100	54.0
56.0	40.3	47.1	9 700	9 200	8 800	8 400	56.0
58.0	37.7	44.6	8 900	8 500	8 100	7 800	58.0
60.0	34.9	41.8	8 200	7 900	7 500	7 200	60.0
62.0	31.8	38.7	7 500	7 300	6 900	6 700	62.0
64.0	28.5	35.1	6 900	6 700	6 400	6 100	64.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>73.2m (240 Ft.) BOOM</b>							
12.2	82.7	74.9	84 200 *				12.2
13.0	82.0	74.8	83 300 *				13.0
14.0	81.2	74.6	80 900 *	58 000 *			14.0
15.0	80.4	74.4	78 300 *	56 400 *	44 600 *		15.0
16.0	79.6	74.2	74 300	54 900 *	44 300 *		16.0
18.0	78.0	73.8	62 800	52 000 *	42 800 *	34 500 *	18.0
20.0	76.4	73.3	53 800	49 000	40 600 *	34 200 *	20.0
22.0	74.8	72.8	46 800	42 800	38 500	32 800 *	22.0
24.0	73.2	72.2	41 100	37 800	35 100	31 300 *	24.0
26.0	71.5	71.5	36 500	33 800	31 300	29 100	26.0
28.0	69.9	70.8	32 700	30 300	28 200	26 300	28.0
30.0	68.2	70.0	29 300	27 400	25 500	23 800	30.0
32.0	66.5	69.2	26 500	24 800	23 200	21 700	32.0
34.0	64.7	68.2	24 100	22 500	21 200	19 800	34.0
36.0	63.0	67.2	21 900	20 600	19 300	18 200	36.0
38.0	61.2	66.1	20 000	18 800	17 700	16 700	38.0
40.0	59.4	64.9	18 300	17 200	16 200	15 400	40.0
42.0	57.5	63.7	16 700	15 800	15 000	14 100	42.0
44.0	55.6	62.3	15 400	14 500	13 800	13 000	44.0
46.0	53.7	60.9	14 100	13 400	12 700	12 000	46.0
48.0	51.7	59.3	13 000	12 300	11 700	11 000	48.0
50.0	49.7	57.6	12 000	11 300	10 800	10 200	50.0
52.0	47.6	55.8	11 000	10 400	9 900	9 400	52.0
54.0	45.4	53.9	10 100	9 600	9 100	8 700	54.0
56.0	43.1	51.8	9 300	8 900	8 400	8 000	56.0
58.0	40.7	49.5	8 600	8 200	7 800	7 400	58.0
60.0	38.2	47.0	7 900	7 500	7 100	6 800	60.0
62.0	35.6	44.3	7 200	6 900	6 600	6 200	62.0
64.0	32.7	41.2	6 600	6 300	6 000	5 700	64.0
66.0	29.6	37.8	6 000	5 800	5 500	5 200	66.0
68.0	26.2	34.0	5 500	5 300	5 000	4 800	68.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>76.2m (250 Ft.) BOOM</b>							
12.2	83.0	78.0	81 200 *				12.2
13.0	82.4	77.8	80 300 *				13.0
14.0	81.6	77.7	77 800 *	54 700 *			14.0
15.0	80.8	77.5	75 300 *	54 300 *			15.0
16.0	80.1	77.3	72 500	53 200 *	40 800 *		16.0
18.0	78.5	76.9	63 500	50 100 *	40 400 *	31 700 *	18.0
20.0	77.0	76.5	54 100	47 400	39 300 *	31 500 *	20.0
22.0	75.4	76.0	47 100	43 200	37 300 *	31 200 *	22.0
24.0	73.9	75.4	41 500	38 100	34 900	30 300 *	24.0
26.0	72.3	74.8	36 900	34 000	31 500	28 800	26.0
28.0	70.7	74.1	33 000	30 600	28 400	26 500	28.0
30.0	69.1	73.3	29 700	27 700	25 800	24 000	30.0
32.0	67.5	72.5	26 900	25 100	23 500	22 000	32.0
34.0	65.8	71.6	24 400	22 900	21 400	20 100	34.0
36.0	64.2	70.6	22 300	20 900	19 600	18 400	36.0
38.0	62.5	69.6	20 400	19 100	18 000	16 900	38.0
40.0	60.7	68.5	18 700	17 600	16 600	15 600	40.0
42.0	59.0	67.3	17 200	16 200	15 200	14 400	42.0
44.0	57.2	66.0	15 800	14 900	14 100	13 300	44.0
46.0	55.4	64.6	14 500	13 700	13 000	12 300	46.0
48.0	53.5	63.2	13 400	12 700	12 000	11 400	48.0
50.0	51.6	61.6	12 300	11 700	11 100	10 500	50.0
52.0	49.6	59.9	11 400	10 800	10 300	9 700	52.0
54.0	47.6	58.1	10 500	10 000	9 500	9 000	54.0
56.0	45.5	56.2	9 700	9 200	8 700	8 300	56.0
58.0	43.4	54.1	9 000	8 500	8 100	7 700	58.0
60.0	41.1	51.8	8 300	7 900	7 500	7 100	60.0
62.0	38.7	49.4	7 600	7 300	6 900	6 600	62.0
64.0	36.2	46.7	7 000	6 700	6 300	6 000	64.0
66.0	33.5	43.8	6 400	6 100	5 900	5 600	66.0
68.0	30.6	40.5	5 900	5 600	5 400	5 100	68.0
70.0	27.5	36.8	5 400	5 100	4 900	4 700	70.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

**Boom No. 44 With Heavy Lift Top**  
**93 890 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>79.2m (260 Ft.) BOOM</b>							
12.8	82.8	81.0	76 800 *				12.8
13.0	82.7	80.9	76 300 *				13.0
14.0	81.9	80.8	73 800 *				14.0
15.0	81.2	80.6	71 500 *	49 700 *			15.0
16.0	80.5	80.4	69 100 *	49 400 *	36 900 *		16.0
18.0	79.0	80.1	62 700	47 500 *	36 600 *	28 400 *	18.0
20.0	77.5	79.6	53 900	44 700 *	36 300 *	28 200 *	20.0
22.0	76.0	79.1	46 900	41 900	35 200 *	28 000 *	22.0
24.0	74.5	78.6	41 200	37 800	33 200 *	27 800 *	24.0
26.0	73.0	78.0	36 600	33 700	31 000	26 900 *	26.0
28.0	71.5	77.3	32 700	30 200	27 900	25 400	28.0
30.0	69.9	76.6	29 400	27 300	25 300	23 600	30.0
32.0	68.4	75.8	26 600	24 700	23 000	21 500	32.0
34.0	66.8	74.9	24 100	22 500	21 000	19 600	34.0
36.0	65.2	74.0	22 000	20 500	19 200	18 000	36.0
38.0	63.6	73.0	20 000	18 800	17 600	16 500	38.0
40.0	62.0	72.0	18 400	17 200	16 200	15 200	40.0
42.0	60.3	70.8	16 800	15 800	14 900	14 000	42.0
44.0	58.6	69.6	15 500	14 500	13 700	12 900	44.0
46.0	56.9	68.3	14 200	13 400	12 600	11 900	46.0
48.0	55.1	67.0	13 100	12 400	11 600	10 900	48.0
50.0	53.3	65.5	12 000	11 400	10 700	10 100	50.0
52.0	51.5	63.9	11 100	10 500	9 900	9 300	52.0
54.0	49.6	62.2	10 200	9 700	9 100	8 600	54.0
56.0	47.7	60.4	9 400	8 900	8 400	7 900	56.0
58.0	45.7	58.5	8 700	8 200	7 700	7 300	58.0
60.0	43.6	56.4	8 000	7 500	7 100	6 700	60.0
62.0	41.4	54.2	7 300	6 900	6 500	6 200	62.0
64.0	39.1	51.8	6 700	6 300	6 000	5 700	64.0
66.0	36.8	49.2	6 100	5 800	5 500	5 200	66.0
68.0	34.2	46.3	5 600	5 300	5 000	4 700	68.0
70.0	31.5	43.1	5 100	4 800	4 600	4 100	70.0
72.0	28.6	39.6	4 600	4 300	3 900 *	3 200 *	72.0





# Liftcrane Boom Capacities

# M-250 SERIES 2

Boom No. 44 With Heavy Lift Top  
93 890 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>82.3m (270 Ft.) BOOM</b>							
13.4	82.6	83.9	69 800 *				13.4
14.0	82.2	83.9	68 800 *				14.0
15.0	81.5	83.7	66 700 *	43 000 *			15.0
16.0	80.8	83.5	64 600 *	42 800 *			16.0
18.0	79.4	83.2	60 400 *	42 400 *	31 200 *		18.0
20.0	78.0	82.7	53 700	41 600 *	31 000 *	23 700 *	20.0
22.0	76.5	82.3	46 600	39 200 *	30 700 *	23 500 *	22.0
24.0	75.1	81.7	41 000	36 900	30 400 *	23 300 *	24.0
26.0	73.7	81.2	36 400	33 300	29 100 *	23 200 *	26.0
28.0	72.2	80.5	32 500	29 900	27 400	23 000 *	28.0
30.0	70.7	79.8	29 200	26 900	24 900	22 300 *	30.0
32.0	69.2	79.1	26 300	24 400	22 600	21 000	32.0
34.0	67.7	78.3	23 800	22 200	20 600	19 200	34.0
36.0	66.2	77.4	21 700	20 200	18 800	17 600	36.0
38.0	64.7	76.4	19 800	18 400	17 200	16 100	38.0
40.0	63.1	75.4	18 100	16 900	15 800	14 800	40.0
42.0	61.5	74.4	16 600	15 500	14 500	13 600	42.0
44.0	59.9	73.2	15 200	14 200	13 300	12 500	44.0
46.0	58.3	72.0	13 900	13 100	12 300	11 500	46.0
48.0	56.6	70.7	12 800	12 000	11 300	10 600	48.0
50.0	54.9	69.3	11 700	11 100	10 400	9 700	50.0
52.0	53.2	67.8	10 800	10 200	9 500	9 000	52.0
54.0	51.4	66.2	9 900	9 400	8 800	8 200	54.0
56.0	49.6	64.5	9 100	8 600	8 100	7 600	56.0
58.0	47.7	62.7	8 400	7 900	7 400	7 000	58.0
60.0	45.8	60.8	7 700	7 200	6 800	6 400	60.0
62.0	43.8	58.8	7 000	6 600	6 200	5 800	62.0
64.0	41.7	56.5	6 400	6 000	5 700	5 300	64.0
66.0	39.6	54.2	5 900	5 500	5 100	4 800	66.0
68.0	37.3	51.6	5 300	5 000	4 700	4 000 *	68.0
70.0	34.9	48.8	4 800	4 500	3 900	3 300 *	70.0
72.0	32.3	45.7	4 400	3 800 *	3 100 *	2 500 *	72.0
74.0	29.6	42.3	3 800	2 900 *	2 300 *		74.0
76.0	26.5	38.4	3 000 *	1 900 *			76.0



# Liftcrane Boom Capacities

# M-250 SERIES 2

Boom No. 44 With Heavy Lift Top  
 93 890 kg Crane Counterweight  
 27 220 kg Carbody Counterweight  
 Crawler Machine on a Static Barge  
 0 Degree thru 3 Degree Static Machine List  
 No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
<b>85.3m (280 Ft.) BOOM</b>							
13.4	82.9	87.0	64 700 *				13.4
14.0	82.5	86.9	64 400 *				14.0
15.0	81.8	86.8	63 400 *				15.0
16.0	81.1	86.6	61 200 *	38 900 *			16.0
18.0	79.8	86.3	58 500 *	38 500 *	28 200 *		18.0
20.0	78.4	85.9	53 700	38 100 *	28 000 *	21 200 *	20.0
22.0	77.0	85.4	46 500	37 700 *	27 700 *	21 000 *	22.0
24.0	75.6	84.9	40 900	36 700	27 500 *	20 800 *	24.0
26.0	74.3	84.3	36 300	33 100	27 300 *	20 700 *	26.0
28.0	72.8	83.7	32 400	29 700	26 800	20 600 *	28.0
30.0	71.4	83.1	29 100	26 800	24 800	20 400 *	30.0
32.0	70.0	82.3	26 300	24 200	22 400	20 400 *	32.0
34.0	68.6	81.6	23 700	22 000	20 400	19 000	34.0
36.0	67.1	80.7	21 600	20 100	18 600	17 300	36.0
38.0	65.6	79.8	19 700	18 300	17 000	15 900	38.0
40.0	64.1	78.9	18 000	16 800	15 600	14 500	40.0
42.0	62.6	77.8	16 500	15 400	14 300	13 400	42.0
44.0	61.1	76.7	15 100	14 100	13 200	12 300	44.0
46.0	59.5	75.6	13 800	13 000	12 100	11 300	46.0
48.0	58.0	74.3	12 700	11 900	11 100	10 400	48.0
50.0	56.4	73.0	11 700	10 900	10 200	9 500	50.0
52.0	54.7	71.6	10 700	10 000	9 400	8 800	52.0
54.0	53.0	70.1	9 800	9 200	8 600	8 100	54.0
56.0	51.3	68.5	9 000	8 400	7 900	7 400	56.0
58.0	49.6	66.8	8 300	7 800	7 300	6 800	58.0
60.0	47.8	65.0	7 600	7 100	6 600	6 200	60.0
62.0	45.9	63.1	6 900	6 500	6 100	5 700	62.0
64.0	44.0	61.1	6 300	5 900	5 500	5 100	64.0
66.0	42.0	58.9	5 800	5 400	5 000	4 700	66.0
68.0	39.9	56.5	5 200	4 900	4 500	4 200	68.0
70.0	37.8	54.0	4 700	4 400	4 100	3 800	70.0
72.0	35.5	51.2	4 000 *	3 900 *	3 700	3 400	72.0
74.0	33.1	48.2	3 300 *	3 100 *	3 100 *	3 000	74.0
76.0	30.5	44.9	2 600 *	2 500 *	2 500 *	2 500	76.0