



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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, 112 810 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Maximum Boom Length Lifted Unassisted Over Front, Side or Rear of Crawlers	
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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**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>21.3m (70 Ft.) BOOM</b>							
5.5	82.9	23.5	272 100 *				5.5
6.0	81.5	23.4	256 800 *				6.0
6.5	80.2	23.3	248 100 *	203 100 *	147 100 *		6.5
7.0	78.8	23.2	239 300 *	203 100 *	147 100 *	114 800 *	7.0
7.5	77.4	23.1	224 200 *	203 100 *	147 100 *	114 800 *	7.5
8.0	76.0	22.9	210 800 *	200 300 *	147 100 *	114 800 *	8.0
8.5	74.6	22.8	198 900 *	189 000 *	147 100 *	114 800 *	8.5
9.0	73.2	22.6	188 200 *	179 300 *	147 100 *	114 800 *	9.0
10.0	70.3	22.2	169 800 *	162 500 *	140 500 *	114 800 *	10.0
11.0	67.4	21.8	154 100 *	148 000 *	126 500 *	110 100 *	11.0
12.0	64.4	21.3	135 900 *	131 200 *	115 500 *	100 300 *	12.0
13.0	61.3	20.7	121 200 *	117 400 *	106 100 *	92 000 *	13.0
14.0	58.1	20.1	109 000 *	105 900 *	98 100 *	85 000 *	14.0
15.0	54.8	19.4	98 600 *	96 200 *	91 200 *	78 800 *	15.0
16.0	51.4	18.5	89 700 *	87 800 *	84 900 *	73 400 *	16.0
18.0	43.8	16.6	74 700 *	73 400 *	72 300 *	64 500 *	18.0
20.0	34.8	13.9	59 300 *	58 500 *	57 700 *	56 900 *	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	235 200 *	193 100 *	144 100 *		7.0
7.5	79.0	26.2	224 400 *	190 500 *	144 100 *	112 900 *	7.5
8.0	77.8	26.1	210 500 *	188 000 *	144 100 *	112 900 *	8.0
8.5	76.6	26.0	198 600 *	185 500 *	144 100 *	112 900 *	8.5
9.0	75.4	25.8	188 000 *	178 200 *	144 100 *	112 900 *	9.0
10.0	72.9	25.5	169 600 *	161 400 *	140 700 *	112 900 *	10.0
11.0	70.4	25.1	154 400 *	147 500 *	126 400 *	109 900 *	11.0
12.0	67.8	24.7	139 800 *	133 800 *	115 300 *	100 100 *	12.0
13.0	65.2	24.2	124 400 *	119 500 *	105 900 *	91 800 *	13.0
14.0	62.6	23.7	111 900 *	108 000 *	97 900 *	84 800 *	14.0
15.0	59.8	23.1	101 400 *	98 300 *	91 000 *	78 600 *	15.0
16.0	57.0	22.4	92 400 *	89 800 *	84 900 *	73 300 *	16.0
18.0	51.1	20.8	77 800 *	76 100 *	74 200 *	64 300 *	18.0
20.0	44.5	18.9	66 500 *	65 300 *	64 100 *	57 100 *	20.0
22.0	37.0	16.4	55 800 *	55 000 *	54 200 *	51 100 *	22.0
24.0	27.6	13.0	44 100 *	43 600 *	43 100 *	43 100 *	24.0



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**112 810 kg Crane Counterweight**  
**54 430 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>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	221 100 *	178 100 *	140 700 *		7.5
8.0	79.2	29.2	210 400 *	175 800 *	140 700 *	110 800 *	8.0
8.5	78.1	29.1	198 400 *	173 600 *	140 700 *	110 800 *	8.5
9.0	77.0	29.0	187 800 *	171 500 *	140 700 *	110 800 *	9.0
10.0	74.9	28.7	169 400 *	160 800 *	138 200 *	110 800 *	10.0
11.0	72.7	28.4	154 200 *	146 700	126 300 *	109 800 *	11.0
12.0	70.4	28.0	140 700	133 000	115 200 *	99 900 *	12.0
13.0	68.2	27.6	125 600	118 700	105 800 *	91 700 *	13.0
14.0	65.9	27.1	113 000	107 300	97 900 *	84 600 *	14.0
15.0	63.5	26.6	102 500	97 900	90 900 *	78 500 *	15.0
16.0	61.1	26.0	93 700	89 800	84 800 *	73 100 *	16.0
18.0	56.1	24.7	79 800	76 900	74 100	64 200 *	18.0
20.0	50.8	23.1	68 600 *	67 000 *	65 000	57 000 *	20.0
22.0	45.0	21.2	59 400 *	58 300 *	57 200 *	51 200 *	22.0
24.0	38.5	18.8	51 600 *	50 800 *	50 000 *	46 300 *	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	213 900 *	166 900 *			7.5
8.0	80.3	32.3	210 700 *	164 800 *	136 900 *		8.0
8.5	79.3	32.2	198 100 *	162 700 *	136 900 *	108 300 *	8.5
9.0	78.4	32.1	187 400 *	160 800 *	136 300 *	108 300 *	9.0
10.0	76.4	31.9	169 100 *	156 500 *	133 500 *	108 200 *	10.0
11.0	74.5	31.6	153 900 *	145 600	126 000 *	108 100 *	11.0
12.0	72.5	31.2	140 500	132 000	114 900 *	99 900 *	12.0
13.0	70.5	30.9	125 500	117 900	105 600 *	91 400 *	13.0
14.0	68.5	30.5	112 900	106 600	97 600 *	84 400 *	14.0
15.0	66.4	30.0	102 400	97 200	90 700 *	78 300 *	15.0
16.0	64.3	29.5	93 600	89 200	84 500	72 900 *	16.0
18.0	60.0	28.4	79 700	76 500	73 400	63 900 *	18.0
20.0	55.4	27.0	69 100	66 700	64 300	56 800 *	20.0
22.0	50.6	25.4	60 700	58 900	57 000	50 900 *	22.0
24.0	45.4	23.5	53 300 *	52 200	51 000	46 000 *	24.0
26.0	39.7	21.2	46 900 *	46 100 *	45 300 *	41 900 *	26.0
28.0	33.1	18.3	40 500 *	40 000 *	39 400 *	37 900 *	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	160 000 *	131 800 *	117 400 *	104 600 *	10.0
11.0	75.9	34.7	153 800 *	129 900 *	115 900 *	104 400 *	11.0
12.0	74.1	34.4	140 400	128 200	113 800 *	100 000 *	12.0
13.0	72.3	34.1	125 400	117 100	105 400 *	91 300 *	13.0
14.0	70.5	33.8	112 800	106 000	97 400 *	84 200 *	14.0
15.0	68.7	33.3	102 300	96 600	90 500 *	78 100 *	15.0
16.0	66.8	32.9	93 500	88 700	84 200	72 700 *	16.0
18.0	63.0	31.9	79 500	76 000	72 600	63 800 *	18.0
20.0	59.0	30.7	69 000	66 300	63 600	56 600 *	20.0
22.0	54.9	29.3	60 700	58 600	56 500	50 800 *	22.0
24.0	50.5	27.7	54 000	52 300	50 600	45 900 *	24.0
26.0	45.8	25.8	48 200 *	47 100	45 800	41 700 *	26.0
28.0	40.6	23.6	42 800 *	42 000 *	41 300 *	38 200 *	28.0
30.0	34.9	20.9	37 800 *	37 200 *	36 700 *	35 100 *	30.0
32.0	28.0	17.4	31 700 *	31 300 *	30 900 *	30 600 *	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	156 800 *	128 900 *	114 800 *	100 300 *	10.0
11.0	77.1	37.9	153 500 *	127 200 *	113 500 *	98 700 *	11.0
12.0	75.5	37.6	140 200	125 700 *	112 200 *	97 200 *	12.0
13.0	73.9	37.3	125 300	116 400	105 200 *	91 000 *	13.0
14.0	72.2	37.0	112 600	105 200	97 200 *	83 900 *	14.0
15.0	70.5	36.6	102 200	96 000	90 100	77 800 *	15.0
16.0	68.9	36.2	93 300	88 100	83 300	72 400 *	16.0
18.0	65.4	35.3	79 400	75 500	71 800	63 500 *	18.0
20.0	61.9	34.3	68 800	65 800	62 900	56 400 *	20.0
22.0	58.2	33.1	60 500	58 100	55 800	50 500 *	22.0
24.0	54.4	31.7	53 800	51 900	50 000	45 600 *	24.0
26.0	50.4	30.0	48 200	46 800	45 200	41 500 *	26.0
28.0	46.1	28.2	43 500	42 400	41 100	37 900 *	28.0
30.0	41.4	26.0	38 900 *	38 200 *	37 400	34 800 *	30.0
32.0	36.3	23.4	34 800 *	34 200 *	33 700 *	32 100 *	32.0
34.0	30.3	20.1	30 400 *	30 000 *	29 500 *	29 300 *	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	153 300 *	125 800 *	109 500 *	93 900 *	10.0
11.0	78.1	41.0	150 900 *	124 200 *	107 600 *	92 500 *	11.0
12.0	76.6	40.8	138 000 *	122 800 *	105 700 *	91 100 *	12.0
13.0	75.1	40.5	125 200	116 000	103 700 *	89 500 *	13.0
14.0	73.6	40.2	112 600	104 600	97 100 *	83 800 *	14.0
15.0	72.1	39.9	102 200	95 400	89 400	77 700 *	15.0
16.0	70.6	39.5	93 300	87 600	82 400	72 300 *	16.0
18.0	67.4	38.7	79 400	75 100	71 100	63 400 *	18.0
20.0	64.2	37.7	68 800	65 500	62 400	56 300 *	20.0
22.0	60.9	36.6	60 400	57 900	55 400	50 400 *	22.0
24.0	57.5	35.4	53 800	51 700	49 600	45 500 *	24.0
26.0	54.0	34.0	48 200	46 500	44 900	41 400 *	26.0
28.0	50.3	32.3	43 600	42 200	40 800	37 900 *	28.0
30.0	46.3	30.5	39 600	38 500	37 400	34 800 *	30.0
32.0	42.0	28.3	35 700 *	35 000	34 300	32 100 *	32.0
34.0	37.4	25.8	32 100 *	31 600 *	31 000 *	29 700 *	34.0
36.0	32.2	22.8	28 700 *	28 300 *	27 900 *	27 300 *	36.0
38.0	25.9	19.0	24 300 *	24 000 *	23 700 *	23 400 *	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	150 500 *	123 100 *	102 800 *		10.0
11.0	79.0	44.2	148 200 *	121 200 *	101 100 *	86 600 *	11.0
12.0	77.6	43.9	135 100 *	118 900 *	99 500 *	85 300 *	12.0
13.0	76.2	43.7	122 900 *	114 500	97 800 *	84 100 *	13.0
14.0	74.8	43.4	112 400	103 900	96 100	82 900 *	14.0
15.0	73.4	43.1	102 000	94 800	88 300	77 400 *	15.0
16.0	72.0	42.8	93 100	87 100	81 400	72 000 *	16.0
18.0	69.1	42.0	79 100	74 600	70 300	63 100 *	18.0
20.0	66.2	41.1	68 500	65 000	61 700	55 900 *	20.0
22.0	63.2	40.1	60 200	57 400	54 800	50 100 *	22.0
24.0	60.1	39.0	53 500	51 300	49 100	45 200 *	24.0
26.0	56.9	37.7	48 000	46 200	44 300	41 100 *	26.0
28.0	53.6	36.3	43 300	41 800	40 300	37 500 *	28.0
30.0	50.2	34.6	39 400	38 200	36 900	34 500 *	30.0
32.0	46.5	32.8	36 100	35 000	33 900	31 800 *	32.0
34.0	42.6	30.7	32 600 *	31 900 *	31 200	29 400 *	34.0
36.0	38.3	28.2	29 400 *	28 800 *	28 300 *	27 300 *	36.0
38.0	33.6	25.3	26 600 *	26 100 *	25 700 *	25 300 *	38.0



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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>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	130 700 *	99 700 *	85 900 *	75 500 *	11.0
12.0	78.5	47.1	128 400 *	98 300 *	84 900 *	74 300 *	12.0
13.0	77.2	46.8	121 200 *	96 600 *	82 600 *	72 300 *	13.0
14.0	75.9	46.6	110 900 *	93 300 *	80 200 *	70 300 *	14.0
15.0	74.6	46.3	101 900	90 300 *	77 900 *	68 400 *	15.0
16.0	73.3	46.0	93 000	86 200	75 700 *	66 600 *	16.0
18.0	70.6	45.3	78 900	74 300	69 600	62 500 *	18.0
20.0	67.9	44.5	68 400	64 600	61 000	55 700 *	20.0
22.0	65.2	43.6	60 000	57 000	54 200	49 800 *	22.0
24.0	62.3	42.5	53 300	50 900	48 600	45 000 *	24.0
26.0	59.4	41.4	47 800	45 800	43 900	40 900 *	26.0
28.0	56.4	40.0	43 200	41 500	39 900	37 300 *	28.0
30.0	53.3	38.6	39 200	37 800	36 400	34 200 *	30.0
32.0	50.1	36.9	35 800	34 700	33 500	31 600 *	32.0
34.0	46.7	35.1	32 900	31 900	30 900	29 200 *	34.0
36.0	43.0	33.0	29 900 *	29 200 *	28 500	27 100 *	36.0
38.0	39.1	30.6	27 000 *	26 500 *	26 000 *	25 200 *	38.0
40.0	34.9	27.8	24 500 *	24 000 *	23 600 *	23 200 *	40.0
42.0	30.1	24.6	21 900 *	21 600 *	21 300 *	20 900 *	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	127 400 *	97 000 *	83 700 *		11.0
12.0	79.2	50.2	125 400 *	95 800 *	82 300 *	71 900 *	12.0
13.0	78.0	50.0	119 300 *	93 100 *	79 800 *	69 800 *	13.0
14.0	76.8	49.7	109 100 *	89 900 *	77 300 *	67 800 *	14.0
15.0	75.6	49.4	100 700 *	86 900 *	75 000 *	66 000 *	15.0
16.0	74.3	49.2	92 900	83 700	72 800 *	64 200 *	16.0
18.0	71.9	48.5	78 800	74 000	68 200	60 800 *	18.0
20.0	69.4	47.8	68 100	64 100	60 400	55 500 *	20.0
22.0	66.8	46.9	59 800	56 600	53 600	49 500 *	22.0
24.0	64.2	46.0	53 100	50 500	48 000	44 700 *	24.0
26.0	61.5	44.9	47 500	45 400	43 300	40 600 *	26.0
28.0	58.8	43.7	42 900	41 100	39 400	37 000 *	28.0
30.0	56.0	42.4	39 000	37 500	36 000	33 900 *	30.0
32.0	53.1	40.9	35 600	34 300	33 000	31 300 *	32.0
34.0	50.0	39.2	32 600	31 500	30 400	28 900 *	34.0
36.0	46.8	37.4	30 000	29 100	28 100	26 800 *	36.0
38.0	43.4	35.3	27 300 *	26 700	26 000	24 900 *	38.0
40.0	39.8	33.0	24 800 *	24 200 *	23 700 *	23 100 *	40.0
42.0	35.9	30.3	22 400 *	22 000 *	21 600 *	21 200 *	42.0
44.0	31.6	27.2	20 300 *	20 000 *	19 600 *	19 300 *	44.0



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**112 810 kg Crane Counterweight**  
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**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>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	123 100 *	93 300 *	79 900 *		12.0
13.0	78.7	53.1	117 500 *	90 100 *	77 300 *	67 700 *	13.0
14.0	77.6	52.9	107 400 *	86 900 *	74 800 *	65 800 *	14.0
15.0	76.4	52.6	99 100 *	84 000 *	72 500 *	63 900 *	15.0
16.0	75.3	52.3	91 900	81 200 *	70 300 *	62 100 *	16.0
18.0	73.0	51.7	78 800	73 400	66 300 *	58 700 *	18.0
20.0	70.6	51.0	68 000	63 800	59 900	55 500 *	20.0
22.0	68.3	50.2	59 700	56 300	53 200	49 500 *	22.0
24.0	65.8	49.4	53 000	50 200	47 600	44 600 *	24.0
26.0	63.4	48.4	47 500	45 200	43 000	40 500 *	26.0
28.0	60.8	47.3	42 800	40 900	39 100	36 900 *	28.0
30.0	58.3	46.0	38 900	37 300	35 700	33 900 *	30.0
32.0	55.6	44.7	35 500	34 200	32 800	31 200 *	32.0
34.0	52.8	43.2	32 600	31 400	30 200	28 800 *	34.0
36.0	50.0	41.5	30 000	29 000	27 900	26 700 *	36.0
38.0	47.0	39.7	27 700	26 800	25 900	24 800 *	38.0
40.0	43.8	37.7	25 200 *	24 600 *	24 000 *	23 100 *	40.0
42.0	40.4	35.4	22 900 *	22 400 *	21 900 *	21 400 *	42.0
44.0	36.8	32.8	20 800 *	20 400 *	20 000 *	19 600 *	44.0
46.0	32.8	29.8	18 900 *	18 600 *	18 200 *	17 900 *	46.0
48.0	28.4	26.3	17 000 *	16 600 *	16 400 *	16 100 *	48.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	120 600 *	90 100 *	77 000 *		12.0
13.0	79.3	56.2	115 400 *	86 800 *	74 500 *	65 200 *	13.0
14.0	78.3	56.0	105 500 *	83 700 *	72 100 *	63 400 *	14.0
15.0	77.2	55.7	97 300 *	80 800 *	69 800 *	61 500 *	15.0
16.0	76.1	55.5	90 300 *	78 000 *	67 600 *	59 800 *	16.0
18.0	74.0	54.9	78 300	72 200	63 600 *	56 400 *	18.0
20.0	71.8	54.3	67 800	63 300	59 400	53 300 *	20.0
22.0	69.5	53.5	59 500	55 900	52 500	49 400 *	22.0
24.0	67.3	52.7	52 700	49 800	47 100	44 300 *	24.0
26.0	65.0	51.8	47 200	44 800	42 500	40 100 *	26.0
28.0	62.6	50.7	42 600	40 500	38 600	36 600 *	28.0
30.0	60.2	49.6	38 600	36 900	35 200	33 600 *	30.0
32.0	57.8	48.4	35 200	33 800	32 300	30 900 *	32.0
34.0	55.2	47.0	32 300	31 000	29 800	28 500 *	34.0
36.0	52.6	45.5	29 700	28 600	27 500	26 400 *	36.0
38.0	49.9	43.8	27 400	26 500	25 500	24 500 *	38.0
40.0	47.1	42.0	25 300	24 500	23 700	22 800 *	40.0
42.0	44.1	40.0	23 000 *	22 400 *	21 900 *	21 200 *	42.0
44.0	41.0	37.7	20 900 *	20 400 *	19 900 *	19 500 *	44.0
46.0	37.6	35.2	19 000 *	18 600 *	18 200 *	17 800 *	46.0
48.0	33.9	32.3	17 300 *	16 900 *	16 600 *	16 300 *	48.0
50.0	29.9	29.0	15 600 *	15 400 *	15 100 *	14 800 *	50.0





# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	104 900 *	77 400 *	64 300 *		13.0
14.0	78.9	59.1	103 100 *	75 100 *	62 600 *	53 600 *	14.0
15.0	77.9	58.9	96 100 *	72 900 *	61 000 *	52 300 *	15.0
16.0	76.9	58.6	89 000 *	70 900 *	59 500 *	51 100 *	16.0
18.0	74.8	58.1	77 700 *	67 100 *	56 600 *	48 800 *	18.0
20.0	72.8	57.5	67 600	63 100	53 800 *	46 600 *	20.0
22.0	70.7	56.8	59 200	55 500	51 100	44 600 *	22.0
24.0	68.5	56.0	52 500	49 500	46 700	42 600 *	24.0
26.0	66.4	55.1	47 000	44 500	42 000	39 800	26.0
28.0	64.2	54.2	42 300	40 200	38 100	36 200	28.0
30.0	61.9	53.1	38 400	36 600	34 800	33 100	30.0
32.0	59.7	52.0	35 000	33 500	31 900	30 500	32.0
34.0	57.3	50.7	32 100	30 700	29 400	28 100	34.0
36.0	54.9	49.3	29 500	28 300	27 100	26 000	36.0
38.0	52.4	47.8	27 200	26 200	25 100	24 200	38.0
40.0	49.9	46.1	25 200	24 300	23 400	22 500	40.0
42.0	47.2	44.3	23 200	22 400	21 700	20 900	42.0
44.0	44.4	42.3	21 100 *	20 500 *	19 900 *	19 400	44.0
46.0	41.4	40.1	19 200 *	18 700 *	18 200 *	17 700 *	46.0
48.0	38.3	37.6	17 400 *	17 000 *	16 600 *	16 200 *	48.0
50.0	34.9	34.8	15 800 *	15 500 *	15 100 *	14 800 *	50.0
52.0	31.2	31.6	14 300 *	14 000 *	13 700 *	13 400 *	52.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	101 800 *	74 200 *	61 800 *		13.0
14.0	79.5	62.2	99 000 *	72 000 *	60 100 *	51 500 *	14.0
15.0	78.5	62.0	94 700 *	69 800 *	58 500 *	50 100 *	15.0
16.0	77.5	61.8	88 200 *	67 800 *	56 900 *	48 900 *	16.0
18.0	75.6	61.3	76 500 *	64 000 *	54 000 *	46 500 *	18.0
20.0	73.6	60.7	67 400	60 400	51 200 *	44 400 *	20.0
22.0	71.7	60.0	59 000	55 300	48 700 *	42 300 *	22.0
24.0	69.7	59.3	52 200	49 000	45 800	40 400 *	24.0
26.0	67.6	58.5	46 700	44 100	41 500	38 500	26.0
28.0	65.6	57.6	42 100	39 800	37 700	35 700	28.0
30.0	63.5	56.6	38 100	36 200	34 400	32 600	30.0
32.0	61.3	55.5	34 700	33 100	31 500	30 000	32.0
34.0	59.2	54.3	31 800	30 400	29 000	27 600	34.0
36.0	56.9	53.0	29 200	28 000	26 700	25 500	36.0
38.0	54.6	51.6	26 900	25 800	24 700	23 700	38.0
40.0	52.3	50.1	24 900	23 900	22 900	22 000	40.0
42.0	49.8	48.4	23 000	22 200	21 300	20 500	42.0
44.0	47.3	46.6	21 100 *	20 400	19 800	19 100	44.0
46.0	44.6	44.6	19 200 *	18 600 *	18 000 *	17 600 *	46.0
48.0	41.8	42.4	17 400 *	16 900 *	16 500 *	16 000 *	48.0
50.0	38.9	40.0	15 800 *	15 400 *	15 000 *	14 600 *	50.0
52.0	35.7	37.3	14 300 *	14 000 *	13 700 *	13 300 *	52.0
54.0	32.3	34.2	13 000 *	12 700 *	12 400 *	12 100 *	54.0
56.0	28.5	30.7	11 600 *	11 400 *	11 200 *	10 900 *	56.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	95 000 *	69 200 *	57 800 *		14.0
15.0	79.1	65.1	91 500 *	67 000 *	56 200 *	48 300 *	15.0
16.0	78.1	64.9	87 000 *	65 000 *	54 700 *	47 000 *	16.0
18.0	76.3	64.4	75 500 *	61 200 *	51 700 *	44 700 *	18.0
20.0	74.4	63.9	66 600	57 700 *	49 000 *	42 500 *	20.0
22.0	72.6	63.2	59 000	54 100	46 500 *	40 400 *	22.0
24.0	70.7	62.5	52 200	48 900	44 100 *	38 500 *	24.0
26.0	68.8	61.8	46 600	43 800	41 200	36 700 *	26.0
28.0	66.8	60.9	42 000	39 600	37 300	34 800	28.0
30.0	64.8	60.0	38 000	36 000	34 000	32 300	30.0
32.0	62.8	59.0	34 600	32 900	31 200	29 600	32.0
34.0	60.8	57.9	31 700	30 200	28 700	27 300	34.0
36.0	58.7	56.7	29 100	27 800	26 500	25 200	36.0
38.0	56.6	55.4	26 800	25 600	24 500	23 400	38.0
40.0	54.4	53.9	24 800	23 700	22 700	21 700	40.0
42.0	52.1	52.4	22 900	22 000	21 100	20 200	42.0
44.0	49.8	50.7	21 200	20 500	19 600	18 900	44.0
46.0	47.4	48.9	19 400 *	18 800 *	18 100 *	17 600	46.0
48.0	44.8	46.9	17 600 *	17 100 *	16 600 *	16 100 *	48.0
50.0	42.2	44.8	16 000 *	15 600 *	15 100 *	14 700 *	50.0
52.0	39.4	42.4	14 600 *	14 200 *	13 800 *	13 400 *	52.0
54.0	36.4	39.7	13 200 *	12 800 *	12 500 *	12 200 *	54.0
56.0	33.2	36.8	11 900 *	11 600 *	11 300 *	11 100 *	56.0
58.0	29.7	33.4	10 700 *	10 400 *	10 200 *	10 000 *	58.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	87 500 *	65 700 *	55 000 *	46 100 *	15.0
16.0	78.7	68.0	83 800 *	63 600 *	53 400 *	45 700 *	16.0
18.0	76.9	67.6	74 400 *	59 800 *	50 400 *	43 600 *	18.0
20.0	75.2	67.0	65 400 *	56 200 *	47 600 *	41 200 *	20.0
22.0	73.4	66.4	58 400	53 000 *	45 100 *	39 100 *	22.0
24.0	71.6	65.8	51 900	48 600	42 700 *	37 200 *	24.0
26.0	69.8	65.1	46 300	43 400	40 400	35 300 *	26.0
28.0	67.9	64.2	41 700	39 200	36 900	33 500 *	28.0
30.0	66.1	63.4	37 800	35 600	33 600	31 600	30.0
32.0	64.2	62.4	34 300	32 500	30 800	29 100	32.0
34.0	62.2	61.4	31 400	29 800	28 300	26 800	34.0
36.0	60.3	60.2	28 800	27 400	26 000	24 800	36.0
38.0	58.3	59.0	26 500	25 300	24 100	22 900	38.0
40.0	56.2	57.7	24 500	23 400	22 300	21 300	40.0
42.0	54.1	56.3	22 600	21 700	20 700	19 800	42.0
44.0	52.0	54.7	21 000	20 100	19 300	18 400	44.0
46.0	49.7	53.0	19 300 *	18 600 *	17 900	17 200	46.0
48.0	47.4	51.2	17 500 *	16 900 *	16 400 *	15 800 *	48.0
50.0	45.0	49.3	16 000 *	15 400 *	14 900 *	14 400 *	50.0
52.0	42.5	47.1	14 500 *	14 000 *	13 600 *	13 200 *	52.0
54.0	39.9	44.8	13 100 *	12 700 *	12 300 *	11 900 *	54.0
56.0	37.1	42.2	11 800 *	11 500 *	11 200 *	10 900 *	56.0
58.0	34.1	39.3	10 600 *	10 400 *	10 100 *	9 800 *	58.0
60.0	30.9	36.1	9 500 *	9 300 *	9 100 *	8 800 *	60.0
62.0	27.3	32.4	8 500 *	8 300 *	8 000 *	7 800 *	62.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	82 400 *	59 500 *	48 400 *		15.0
16.0	79.2	71.1	79 600 *	57 900 *	47 300 *	38 700 *	16.0
18.0	77.5	70.7	73 000 *	55 000 *	45 100 *	38 000 *	18.0
20.0	75.8	70.2	64 600 *	52 300 *	43 100 *	36 400 *	20.0
22.0	74.1	69.6	57 600 *	49 500 *	41 100 *	34 800 *	22.0
24.0	72.4	69.0	51 700	46 800 *	39 300 *	33 400 *	24.0
26.0	70.7	68.3	46 100	43 000	37 500 *	32 000 *	26.0
28.0	68.9	67.5	41 500	38 800	35 600 *	30 600 *	28.0
30.0	67.2	66.7	37 500	35 300	33 300	29 300 *	30.0
32.0	65.4	65.8	34 100	32 200	30 300	27 900 *	32.0
34.0	63.6	64.8	31 200	29 500	27 900	26 400	34.0
36.0	61.7	63.7	28 600	27 100	25 700	24 300	36.0
38.0	59.8	62.6	26 300	25 000	23 700	22 500	38.0
40.0	57.9	61.3	24 200	23 100	22 000	20 900	40.0
42.0	55.9	60.0	22 400	21 400	20 400	19 400	42.0
44.0	53.9	58.6	20 700	19 800	18 900	18 000	44.0
46.0	51.8	57.0	19 200	18 400	17 600	16 800	46.0
48.0	49.7	55.3	17 500 *	16 900 *	16 200 *	15 600	48.0
50.0	47.5	53.5	15 900 *	15 300 *	14 800 *	14 300 *	50.0
52.0	45.2	51.6	14 400 *	13 900 *	13 400 *	13 000 *	52.0
54.0	42.8	49.4	13 100 *	12 600 *	12 200 *	11 800 *	54.0
56.0	40.3	47.1	11 800 *	11 400 *	11 100 *	10 700 *	56.0
58.0	37.7	44.6	10 700 *	10 300 *	10 000 *	9 700 *	58.0
60.0	34.9	41.8	9 500 *	9 200 *	8 900 *	8 700 *	60.0
62.0	31.8	38.7	8 500 *	8 200 *	8 000 *	7 700 *	62.0
64.0	28.5	35.1	7 500 *	7 300 *	7 000 *	6 800 *	64.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	75 600 *	54 900 *	44 300 *		16.0
18.0	78.0	73.8	70 500 *	52 000 *	42 800 *	34 500 *	18.0
20.0	76.4	73.3	63 500 *	49 300 *	40 600 *	34 200 *	20.0
22.0	74.8	72.8	56 500 *	46 700 *	38 700 *	32 800 *	22.0
24.0	73.2	72.2	50 900 *	44 100 *	36 800 *	31 300 *	24.0
26.0	71.5	71.5	45 900	41 600	35 000 *	29 800 *	26.0
28.0	69.9	70.8	41 200	38 600	33 300 *	28 500 *	28.0
30.0	68.2	70.0	37 200	34 900	31 600 *	27 200 *	30.0
32.0	66.5	69.2	33 800	31 800	29 900 *	25 900 *	32.0
34.0	64.7	68.2	30 900	29 100	27 400	24 600 *	34.0
36.0	63.0	67.2	28 300	26 800	25 300	23 300 *	36.0
38.0	61.2	66.1	26 000	24 600	23 300	22 100 *	38.0
40.0	59.4	64.9	23 900	22 700	21 500	20 400	40.0
42.0	57.5	63.7	22 100	21 000	20 000	19 000	42.0
44.0	55.6	62.3	20 500	19 500	18 500	17 600	44.0
46.0	53.7	60.9	18 900	18 100	17 200	16 400	46.0
48.0	51.7	59.3	17 400 *	16 700 *	16 000	15 200	48.0
50.0	49.7	57.6	15 800 *	15 100 *	14 500 *	14 000 *	50.0
52.0	47.6	55.8	14 300 *	13 700 *	13 200 *	12 700 *	52.0
54.0	45.4	53.9	12 900 *	12 400 *	12 000 *	11 500 *	54.0
56.0	43.1	51.8	11 700 *	11 200 *	10 800 *	10 400 *	56.0
58.0	40.7	49.5	10 500 *	10 100 *	9 700 *	9 400 *	58.0
60.0	38.2	47.0	9 400 *	9 000 *	8 700 *	8 400 *	60.0
62.0	35.6	44.3	8 400 *	8 100 *	7 800 *	7 500 *	62.0
64.0	32.7	41.2	7 400 *	7 100 *	6 900 *	6 600 *	64.0
66.0	29.6	37.8	6 400 *	6 200 *	6 000 *	5 800 *	66.0
68.0	26.2	34.0	5 600 *	5 400 *	5 200 *	5 000 *	68.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	72 900 *	53 200 *	40 800 *		16.0
18.0	78.5	76.9	67 900 *	50 100 *	40 400 *	31 700 *	18.0
20.0	77.0	76.5	63 100 *	47 400 *	39 300 *	31 500 *	20.0
22.0	75.4	76.0	56 700 *	44 900 *	37 300 *	31 200 *	22.0
24.0	73.9	75.4	51 000 *	42 300 *	35 400 *	30 300 *	24.0
26.0	72.3	74.8	46 200	39 900 *	33 700 *	28 800 *	26.0
28.0	70.7	74.1	41 500	37 600 *	32 000 *	27 400 *	28.0
30.0	69.1	73.3	37 600	35 100	30 300 *	26 100 *	30.0
32.0	67.5	72.5	34 200	32 100	28 700 *	24 900 *	32.0
34.0	65.8	71.6	31 200	29 400	27 100 *	23 600 *	34.0
36.0	64.2	70.6	28 600	27 000	25 500	22 400 *	36.0
38.0	62.5	69.6	26 400	24 900	23 500	21 100 *	38.0
40.0	60.7	68.5	24 300	23 100	21 800	20 000 *	40.0
42.0	59.0	67.3	22 500	21 300	20 200	18 800 *	42.0
44.0	57.2	66.0	20 800	19 800	18 800	17 700 *	44.0
46.0	55.4	64.6	19 300	18 400	17 500	16 700	46.0
48.0	53.5	63.2	18 000	17 100	16 300	15 500	48.0
50.0	51.6	61.6	16 500	15 900	15 200	14 500	50.0
52.0	49.6	59.9	15 100 *	14 400 *	13 800 *	13 300 *	52.0
54.0	47.6	58.1	13 700 *	13 100 *	12 600 *	12 100 *	54.0
56.0	45.5	56.2	12 400 *	12 000 *	11 500 *	11 000 *	56.0
58.0	43.4	54.1	11 200 *	10 800 *	10 400 *	10 000 *	58.0
60.0	41.1	51.8	10 200 *	9 800 *	9 400 *	9 100 *	60.0
62.0	38.7	49.4	9 100 *	8 800 *	8 500 *	8 100 *	62.0
64.0	36.2	46.7	8 200 *	7 800 *	7 600 *	7 300 *	64.0
66.0	33.5	43.8	7 300 *	7 000 *	6 700 *	6 500 *	66.0
68.0	30.6	40.5	6 500 *	6 100 *	5 900 *	5 700 *	68.0
70.0	27.5	36.8	5 600 *	5 300 *	5 200 *	5 000 *	70.0



# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	64 400 *	47 500 *	36 600 *	28 400 *	18.0
20.0	77.5	79.6	59 900 *	44 700 *	36 300 *	28 200 *	20.0
22.0	76.0	79.1	55 400 *	42 200 *	35 200 *	28 000 *	22.0
24.0	74.5	78.6	50 100 *	39 800 *	33 200 *	27 800 *	24.0
26.0	73.0	78.0	45 300 *	37 400 *	31 400 *	26 900 *	26.0
28.0	71.5	77.3	41 300	35 200 *	29 800 *	25 500 *	28.0
30.0	69.9	76.6	37 300	33 100 *	28 200 *	24 200 *	30.0
32.0	68.4	75.8	33 900	31 100 *	26 600 *	22 900 *	32.0
34.0	66.8	74.9	30 900	29 000	25 100 *	21 700 *	34.0
36.0	65.2	74.0	28 400	26 700	23 600 *	20 500 *	36.0
38.0	63.6	73.0	26 000	24 600	22 200 *	19 400 *	38.0
40.0	62.0	72.0	24 000	22 700	20 800 *	18 200 *	40.0
42.0	60.3	70.8	22 200	21 000	19 500 *	17 100 *	42.0
44.0	58.6	69.6	20 500	19 500	18 300 *	16 100 *	44.0
46.0	56.9	68.3	19 000	18 100	17 000 *	15 000 *	46.0
48.0	55.1	67.0	17 700	16 800	15 800 *	14 000 *	48.0
50.0	53.3	65.5	16 300	15 600	14 700 *	13 000 *	50.0
52.0	51.5	63.9	14 900 *	14 200 *	13 600 *	12 000 *	52.0
54.0	49.6	62.2	13 500 *	12 900 *	12 400 *	11 100 *	54.0
56.0	47.7	60.4	12 200 *	11 700 *	11 200 *	10 200 *	56.0
58.0	45.7	58.5	11 100 *	10 600 *	10 200 *	9 300 *	58.0
60.0	43.6	56.4	10 000 *	9 500 *	9 200 *	8 400 *	60.0
62.0	41.4	54.2	8 900 *	8 600 *	8 200 *	7 500 *	62.0
64.0	39.1	51.8	8 000 *	7 700 *	7 300 *	6 600 *	64.0
66.0	36.8	49.2	7 100 *	6 800 *	6 500 *	5 800 *	66.0
68.0	34.2	46.3	6 200 *	6 000 *	5 700 *	5 000 *	68.0
70.0	31.5	43.1	5 400 *	5 200 *	4 800 *	4 100 *	70.0
72.0	28.6	39.6	4 700 *	4 400 *	3 900 *	3 200 *	72.0





# Liftcrane Boom Capacities

# M-250 SERIES 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	56 300 *	41 600 *	31 000 *	23 700 *	20.0
22.0	76.5	82.3	52 300 *	39 200 *	30 700 *	23 500 *	22.0
24.0	75.1	81.7	48 600 *	37 000 *	30 400 *	23 300 *	24.0
26.0	73.7	81.2	44 500 *	34 800 *	29 100 *	23 200 *	26.0
28.0	72.2	80.5	40 500 *	32 800 *	27 500 *	23 000 *	28.0
30.0	70.7	79.8	37 000	30 700 *	26 000 *	22 300 *	30.0
32.0	69.2	79.1	33 700	28 800 *	24 500 *	21 000 *	32.0
34.0	67.7	78.3	30 700	27 000 *	23 100 *	19 900 *	34.0
36.0	66.2	77.4	28 100	25 300 *	21 700 *	18 700 *	36.0
38.0	64.7	76.4	25 800	23 600 *	20 300 *	17 600 *	38.0
40.0	63.1	75.4	23 800	22 000 *	19 100 *	16 600 *	40.0
42.0	61.5	74.4	21 900	20 500 *	17 800 *	15 500 *	42.0
44.0	59.9	73.2	20 300	19 000 *	16 600 *	14 500 *	44.0
46.0	58.3	72.0	18 800	17 700 *	15 400 *	13 500 *	46.0
48.0	56.6	70.7	17 400	16 400 *	14 300 *	12 500 *	48.0
50.0	54.9	69.3	16 100	15 100 *	13 200 *	11 600 *	50.0
52.0	53.2	67.8	14 700 *	13 900 *	12 200 *	10 700 *	52.0
54.0	51.4	66.2	13 300 *	12 700 *	11 200 *	9 800 *	54.0
56.0	49.6	64.5	12 100 *	11 500 *	10 200 *	8 900 *	56.0
58.0	47.7	62.7	10 900 *	10 400 *	9 300 *	8 000 *	58.0
60.0	45.8	60.8	9 800 *	9 400 *	8 300 *	7 200 *	60.0
62.0	43.8	58.8	8 800 *	8 400 *	7 400 *	6 400 *	62.0
64.0	41.7	56.5	7 800 *	7 500 *	6 500 *	5 600 *	64.0
66.0	39.6	54.2	7 000 *	6 600 *	5 600 *	4 800 *	66.0
68.0	37.3	51.6	6 100 *	5 600 *	4 800 *	4 000 *	68.0
70.0	34.9	48.8	5 300 *	4 700 *	3 900 *	3 300 *	70.0
72.0	32.3	45.7	4 500 *	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 3

**Boom No. 44 With Heavy Lift Top**  
**112 810 kg Crane Counterweight**  
**54 430 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	57 800 *	38 100 *	28 000 *	21 200 *	20.0
22.0	77.0	85.4	55 000 *	37 700 *	27 700 *	21 000 *	22.0
24.0	75.6	84.9	48 900 *	37 000 *	27 500 *	20 800 *	24.0
26.0	74.3	84.3	44 200 *	35 800 *	27 300 *	20 700 *	26.0
28.0	72.8	83.7	40 200 *	34 700 *	27 100 *	20 600 *	28.0
30.0	71.4	83.1	36 700 *	33 700 *	26 700 *	20 400 *	30.0
32.0	70.0	82.3	33 700	31 300	25 900 *	20 400 *	32.0
34.0	68.6	81.6	30 700	28 600	25 200 *	20 200 *	34.0
36.0	67.1	80.7	28 100	26 300	24 300	20 000 *	36.0
38.0	65.6	79.8	25 800	24 200	22 600	19 300 *	38.0
40.0	64.1	78.9	23 700	22 300	20 900	18 800 *	40.0
42.0	62.6	77.8	21 900	20 600	19 400	18 100	42.0
44.0	61.1	76.7	20 200	19 100	18 000	16 900	44.0
46.0	59.5	75.6	18 500 *	17 700	16 600	15 700	46.0
48.0	58.0	74.3	16 800 *	16 400	15 400	14 600	48.0
50.0	56.4	73.0	15 200 *	15 000	14 400	13 600	50.0
52.0	54.7	71.6	13 800 *	13 600 *	13 400	12 600	52.0
54.0	53.0	70.1	12 500 *	12 300 *	12 100 *	11 500 *	54.0
56.0	51.3	68.5	11 200 *	11 100 *	11 000 *	10 500 *	56.0
58.0	49.6	66.8	10 100 *	9 900 *	9 900 *	9 400 *	58.0
60.0	47.8	65.0	9 000 *	8 900 *	8 900 *	8 500 *	60.0
62.0	45.9	63.1	8 100 *	7 900 *	7 900 *	7 600 *	62.0
64.0	44.0	61.1	7 200 *	7 000 *	7 000 *	6 700 *	64.0
66.0	42.0	58.9	6 300 *	6 200 *	6 100 *	5 900 *	66.0
68.0	39.9	56.5	5 500 *	5 300 *	5 300 *	5 200 *	68.0
70.0	37.8	54.0	4 700 *	4 600 *	4 600 *	4 500 *	70.0
72.0	35.5	51.2	4 000 *	3 900 *	3 900 *	3 800 *	72.0
74.0	33.1	48.2	3 300 *	3 100 *	3 100 *	3 100 *	74.0
76.0	30.5	44.9	2 600 *	2 500 *	2 500 *	2 500 *	76.0