

# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and are based on structural competence.

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 and 79.2m boom length require only the middle 3 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 with turntable bearing properly supported, gantry up and machine list not to exceed degrees noted. Refer to boom rigging

**No. 179809**, Wire Rope Specification chart **No. 8025-A**, and Counterweight Arrangement chart **No. 8026-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 top of turntable bearing 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 top of turntable bearing to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 8 534 mm retractable gantry, 12 part boom hoist reeving, boom support straps and 76 750 kg counterweight.



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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	22.1	250 000				5.5
6.0	81.5	22.0	247 700				6.0
6.5	80.2	21.9	234 100	203 100	147 100		6.5
7.0	78.8	21.8	218 100	203 100	147 100	114 800	7.0
7.5	77.4	21.7	204 100	192 800	147 100	114 800	7.5
8.0	76.0	21.5	191 800	181 500	147 100	114 800	8.0
8.5	74.6	21.4	180 800	171 600	147 100	114 800	8.5
9.0	73.2	21.2	170 900	162 600	140 400	114 800	9.0
10.0	70.3	20.8	154 000	147 200	125 700	105 800	10.0
11.0	67.4	20.4	140 000	134 300	113 700	95 400	11.0
12.0	64.4	19.9	128 100	123 400	103 800	86 900	12.0
13.0	61.3	19.3	118 100	114 000	95 400	79 700	13.0
14.0	58.1	18.7	108 200	105 200	88 100	73 600	14.0
15.0	54.8	18.0	98 000	95 600	81 900	68 200	15.0
16.0	51.4	17.1	89 200	87 300	76 400	63 500	16.0
18.0	43.8	15.2	74 400	73 100	67 200	55 800	18.0
20.0	34.8	12.5	59 200	58 400	57 800	49 500	20.0
<b>24.4m (80 Ft.) BOOM</b>							
6.1	82.4	25.1	238 700				6.1
6.5	81.4	25.0	234 700	194 700			6.5
7.0	80.2	24.9	217 700	193 100	144 100		7.0
7.5	79.0	24.8	203 800	189 600	144 100	112 900	7.5
8.0	77.8	24.7	191 400	180 000	144 100	112 900	8.0
8.5	76.6	24.5	180 400	170 200	144 100	112 900	8.5
9.0	75.4	24.4	170 600	161 400	140 400	112 900	9.0
10.0	72.9	24.1	153 600	146 100	125 400	105 600	10.0
11.0	70.4	23.7	139 700	133 300	113 400	95 100	11.0
12.0	67.8	23.3	127 800	122 400	103 500	86 600	12.0
13.0	65.2	22.8	117 800	113 200	95 100	79 400	13.0
14.0	62.6	22.3	109 100	105 100	87 900	73 300	14.0
15.0	59.8	21.7	100 700	97 500	81 600	67 900	15.0
16.0	57.0	21.0	91 700	89 400	76 100	63 300	16.0
18.0	51.1	19.4	77 300	75 600	67 000	55 500	18.0
20.0	44.5	17.5	66 100	65 000	59 700	49 300	20.0
22.0	37.0	15.0	55 700	54 900	53 000	44 100	22.0
24.0	27.6	11.5	44 000	43 600	43 300	39 900	24.0



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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>27.4m (90 Ft.) BOOM</b>							
6.4	82.6	28.1	226 100				6.4
6.5	82.4	28.1	225 700				6.5
7.0	81.3	28.0	217 500	180 600			7.0
7.5	80.3	27.9	203 500	178 100	140 700		7.5
8.0	79.2	27.8	191 200	175 700	140 700	110 800	8.0
8.5	78.1	27.7	180 200	169 100	140 700	110 800	8.5
9.0	77.0	27.6	170 400	160 200	139 000	110 800	9.0
10.0	74.9	27.3	153 400	145 100	125 200	105 600	10.0
11.0	72.7	27.0	139 400	132 400	113 300	94 900	11.0
12.0	70.4	26.6	127 700	121 700	103 300	86 400	12.0
13.0	68.2	26.2	117 600	112 500	94 900	79 200	13.0
14.0	65.9	25.7	108 900	104 500	87 700	73 100	14.0
15.0	63.5	25.2	101 300	97 300	81 500	67 800	15.0
16.0	61.1	24.6	93 900	90 400	75 900	63 100	16.0
18.0	56.1	23.3	79 500	77 400	66 900	55 300	18.0
20.0	50.8	21.7	68 100	66 500	59 600	49 100	20.0
22.0	45.0	19.8	59 000	58 000	53 600	44 000	22.0
24.0	38.5	17.4	51 400	50 600	48 600	39 700	24.0
<b>30.5m (100 Ft.) BOOM</b>							
6.7	82.8	31.2	217 400				6.7
7.0	82.2	31.1	216 000				7.0
7.5	81.2	31.0	203 200	166 900			7.5
8.0	80.3	30.9	190 700	164 800	136 900		8.0
8.5	79.3	30.8	179 800	162 700	136 900	108 300	8.5
9.0	78.4	30.7	169 900	159 300	136 300	108 300	9.0
10.0	76.4	30.5	153 000	143 900	125 000	105 500	10.0
11.0	74.5	30.2	139 000	131 400	113 000	94 500	11.0
12.0	72.5	29.8	127 200	120 700	103 000	86 000	12.0
13.0	70.5	29.5	117 200	111 600	94 600	78 900	13.0
14.0	68.5	29.1	108 500	103 600	87 400	72 700	14.0
15.0	66.4	28.6	100 900	96 600	81 200	67 400	15.0
16.0	64.3	28.1	94 000	89 900	75 700	62 700	16.0
18.0	60.0	27.0	80 900	78 200	66 600	55 000	18.0
20.0	55.4	25.6	69 500	67 600	59 300	48 800	20.0
22.0	50.6	24.0	60 300	59 000	53 300	43 700	22.0
24.0	45.4	22.1	52 900	51 800	48 300	39 400	24.0
26.0	39.7	19.8	46 600	45 900	44 100	35 900	26.0
28.0	33.1	16.9	40 400	39 900	39 500	32 800	28.0



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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>33.5m (110 Ft.) BOOM</b>							
7.0	82.9	34.2	169 800				7.0
7.5	82.0	34.1	167 900				7.5
8.0	81.2	34.0	166 200	135 900			8.0
8.5	80.3	33.9	164 500	134 700	119 800		8.5
9.0	79.4	33.8	162 900	133 700	118 900	104 600	9.0
10.0	77.7	33.6	153 300	131 800	117 400	103 400	10.0
11.0	75.9	33.3	138 700	129 800	112 800	94 300	11.0
12.0	74.1	33.0	127 000	119 900	102 800	85 800	12.0
13.0	72.3	32.7	116 900	110 800	94 400	78 700	13.0
14.0	70.5	32.3	108 200	102 900	87 200	72 500	14.0
15.0	68.7	31.9	100 600	95 900	81 000	67 200	15.0
16.0	66.8	31.5	93 800	89 300	75 400	62 500	16.0
18.0	63.0	30.5	81 700	78 200	66 400	54 800	18.0
20.0	59.0	29.3	70 900	68 800	59 100	48 500	20.0
22.0	54.9	27.9	61 600	59 900	53 100	43 400	22.0
24.0	50.5	26.3	54 100	52 800	48 200	39 200	24.0
26.0	45.8	24.4	47 800	46 800	43 900	35 600	26.0
28.0	40.6	22.2	42 500	41 800	40 300	32 600	28.0
30.0	34.9	19.5	37 700	37 100	36 600	29 900	30.0
32.0	28.0	16.0	31 700	31 300	30 900	27 500	32.0
<b>36.6m (120 Ft.) BOOM</b>							
7.3	83.0	37.2	164 900				7.3
7.5	82.7	37.2	164 300				7.5
8.0	81.9	37.1	162 600	132 800			8.0
8.5	81.1	37.0	161 000	131 700			8.5
9.0	80.3	36.9	159 500	130 700	116 300		9.0
10.0	78.7	36.7	153 100	128 900	114 800	100 300	10.0
11.0	77.1	36.5	138 300	127 200	112 500	93 900	11.0
12.0	75.5	36.2	126 500	119 100	102 500	85 400	12.0
13.0	73.9	35.9	116 500	109 900	94 100	78 300	13.0
14.0	72.2	35.6	107 800	102 100	86 900	72 100	14.0
15.0	70.5	35.2	100 200	95 100	80 600	66 800	15.0
16.0	68.9	34.8	93 300	88 600	75 100	62 100	16.0
18.0	65.4	33.9	81 300	77 500	66 000	54 400	18.0
20.0	61.9	32.9	71 600	68 700	58 800	48 200	20.0
22.0	58.2	31.7	62 400	60 600	52 800	43 100	22.0
24.0	54.4	30.3	54 800	53 300	47 800	38 900	24.0
26.0	50.4	28.6	48 500	47 300	43 700	35 300	26.0
28.0	46.1	26.8	43 200	42 300	40 000	32 200	28.0
30.0	41.4	24.6	38 600	37 900	36 900	29 600	30.0
32.0	36.3	21.9	34 600	34 000	33 500	27 200	32.0
34.0	30.3	18.7	30 300	29 900	29 500	25 200	34.0



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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>39.6m (130 Ft.) BOOM</b>							
7.9	82.7	40.2	159 000				7.9
8.0	82.6	40.2	158 800				8.0
8.5	81.8	40.1	157 300				8.5
9.0	81.1	40.0	155 900	127 600			9.0
10.0	79.6	39.8	151 700	125 800	109 500	93 900	10.0
11.0	78.1	39.6	138 100	124 200	107 600	92 400	11.0
12.0	76.6	39.4	126 300	118 700	102 900	85 500	12.0
13.0	75.1	39.1	116 300	109 300	94 000	78 200	13.0
14.0	73.6	38.8	107 600	101 500	86 800	72 100	14.0
15.0	72.1	38.5	100 100	94 600	80 600	66 700	15.0
16.0	70.6	38.1	93 200	88 100	75 100	62 100	16.0
18.0	67.4	37.3	81 200	77 100	66 000	54 300	18.0
20.0	64.2	36.3	71 600	68 400	58 700	48 100	20.0
22.0	60.9	35.2	63 500	61 100	52 800	43 000	22.0
24.0	57.5	34.0	55 800	54 200	47 800	38 800	24.0
26.0	54.0	32.6	49 500	48 100	43 600	35 200	26.0
28.0	50.3	30.9	44 100	43 000	40 000	32 100	28.0
30.0	46.3	29.1	39 500	38 600	36 900	29 500	30.0
32.0	42.0	26.9	35 500	34 800	34 100	27 200	32.0
34.0	37.4	24.4	32 000	31 400	30 900	25 100	34.0
36.0	32.2	21.4	28 700	28 200	27 800	23 300	36.0
38.0	25.9	17.6	24 300	24 100	23 700	21 600	38.0
<b>42.7m (140 Ft.) BOOM</b>							
8.2	82.8	43.3	155 000				8.2
8.5	82.4	43.2	154 300				8.5
9.0	81.7	43.1	152 900	124 800			9.0
10.0	80.4	43.0	149 500	123 100	102 800		10.0
11.0	79.0	42.7	137 600	121 200	101 100	86 600	11.0
12.0	77.6	42.5	125 900	117 100	99 500	84 400	12.0
13.0	76.2	42.3	115 800	108 300	93 800	77 800	13.0
14.0	74.8	42.0	107 200	100 600	86 500	71 700	14.0
15.0	73.4	41.7	99 600	93 800	80 200	66 400	15.0
16.0	72.0	41.3	92 800	87 400	74 800	61 700	16.0
18.0	69.1	40.6	80 800	76 500	65 700	53 900	18.0
20.0	66.2	39.7	71 300	67 700	58 400	47 800	20.0
22.0	63.2	38.7	63 500	60 600	52 400	42 700	22.0
24.0	60.1	37.6	56 400	54 300	47 500	38 500	24.0
26.0	56.9	36.3	49 900	48 300	43 300	34 900	26.0
28.0	53.6	34.9	44 500	43 200	39 700	31 800	28.0
30.0	50.2	33.2	39 900	38 900	36 600	29 100	30.0
32.0	46.5	31.4	35 900	35 100	33 800	26 800	32.0
34.0	42.6	29.3	32 400	31 700	31 100	24 800	34.0
36.0	38.3	26.8	29 300	28 700	28 200	22 900	36.0
38.0	33.6	23.9	26 400	26 000	25 600	21 300	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	46.3	137 100				8.5
9.0	82.3	46.2	135 800				9.0
10.0	81.0	46.1	133 100	101 100			10.0
11.0	79.7	45.9	130 700	99 700	85 900	75 500	11.0
12.0	78.5	45.6	125 800	98 300	84 900	74 300	12.0
13.0	77.2	45.4	115 500	96 600	82 600	72 300	13.0
14.0	75.9	45.2	106 800	93 300	80 200	70 300	14.0
15.0	74.6	44.9	99 200	90 300	77 900	66 200	15.0
16.0	73.3	44.6	92 400	86 400	74 600	61 400	16.0
18.0	70.6	43.9	80 500	76 000	65 500	53 700	18.0
20.0	67.9	43.1	70 900	67 200	58 200	47 500	20.0
22.0	65.2	42.1	63 100	60 100	52 200	42 400	22.0
24.0	62.3	41.1	56 700	54 200	47 300	38 200	24.0
26.0	59.4	39.9	50 400	48 700	43 000	34 600	26.0
28.0	56.4	38.6	44 900	43 500	39 400	31 600	28.0
30.0	53.3	37.2	40 300	39 100	36 300	28 900	30.0
32.0	50.1	35.5	36 300	35 300	33 600	26 600	32.0
34.0	46.7	33.7	32 800	32 000	31 100	24 500	34.0
36.0	43.0	31.6	29 700	29 000	28 400	22 700	36.0
38.0	39.1	29.2	26 900	26 300	25 800	21 000	38.0
40.0	34.9	26.4	24 400	24 000	23 500	19 600	40.0
42.0	30.1	23.2	21 900	21 600	21 300	18 200	42.0
<b>48.8m (160 Ft.) BOOM</b>							
8.8	83.0	49.3	132 400				8.8
9.0	82.8	49.3	132 000				9.0
10.0	81.6	49.1	129 600	98 400			10.0
11.0	80.4	49.0	127 400	97 000	83 700		11.0
12.0	79.2	48.8	124 200	95 800	82 300	71 900	12.0
13.0	78.0	48.5	115 000	93 100	79 800	69 800	13.0
14.0	76.8	48.3	106 300	89 900	77 300	67 800	14.0
15.0	75.6	48.0	98 800	86 900	75 000	65 500	15.0
16.0	74.3	47.7	92 000	83 900	72 600	61 500	16.0
18.0	71.9	47.1	80 100	75 500	65 400	53 300	18.0
20.0	69.4	46.4	70 500	66 600	57 800	47 100	20.0
22.0	66.8	45.5	62 700	59 500	51 900	42 000	22.0
24.0	64.2	44.6	56 300	53 600	46 900	37 800	24.0
26.0	61.5	43.5	50 700	48 600	42 700	34 300	26.0
28.0	58.8	42.3	45 200	43 700	39 100	31 200	28.0
30.0	56.0	41.0	40 500	39 200	36 000	28 500	30.0
32.0	53.1	39.5	36 500	35 400	33 300	26 200	32.0
34.0	50.0	37.8	32 900	32 000	30 900	24 200	34.0
36.0	46.8	36.0	29 800	29 100	28 400	22 300	36.0
38.0	43.4	33.9	27 100	26 400	25 800	20 700	38.0
40.0	39.8	31.6	24 600	24 100	23 500	19 200	40.0
42.0	35.9	28.9	22 300	21 900	21 500	17 900	42.0
44.0	31.6	25.8	20 200	19 900	19 500	16 700	44.0



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<b>51.8m (170 Ft.) BOOM</b>							
9.1	83.0	52.4	128 800				9.1
10.0	82.1	52.2	126 900				10.0
11.0	81.0	52.1	124 900	94 900	81 900		11.0
12.0	79.8	51.9	123 100	93 300	79 900		12.0
13.0	78.7	51.7	114 800	90 100	77 300	67 700	13.0
14.0	77.6	51.4	105 900	86 900	74 800	65 800	14.0
15.0	76.4	51.2	97 800	84 000	72 500	63 900	15.0
16.0	75.3	50.9	90 800	81 200	70 300	61 100	16.0
18.0	73.0	50.3	79 400	74 600	64 900	53 300	18.0
20.0	70.6	49.6	70 400	66 200	57 800	47 000	20.0
22.0	68.3	48.8	62 600	59 200	51 800	42 000	22.0
24.0	65.8	47.9	56 200	53 300	46 900	37 800	24.0
26.0	63.4	47.0	50 800	48 400	42 700	34 200	26.0
28.0	60.8	45.9	45 800	44 000	39 100	31 100	28.0
30.0	58.3	44.6	41 000	39 600	36 000	28 500	30.0
32.0	55.6	43.3	37 000	35 800	33 200	26 200	32.0
34.0	52.8	41.8	33 400	32 400	30 800	24 100	34.0
36.0	50.0	40.1	30 300	29 400	28 600	22 300	36.0
38.0	47.0	38.3	27 500	26 800	26 100	20 600	38.0
40.0	43.8	36.2	25 000	24 400	23 900	19 200	40.0
42.0	40.4	34.0	22 800	22 300	21 800	17 800	42.0
44.0	36.8	31.4	20 700	20 300	19 900	16 600	44.0
46.0	32.8	28.4	18 900	18 500	18 200	15 500	46.0
48.0	28.4	24.9	17 000	16 700	16 400	14 500	48.0
<b>54.9m (180 Ft.) BOOM</b>							
9.8	82.8	55.3	124 500				9.8
10.0	82.5	55.3	124 000				10.0
11.0	81.5	55.2	122 200	92 600			11.0
12.0	80.4	55.0	120 600	90 100	77 000		12.0
13.0	79.3	54.8	113 600	86 800	74 500	65 200	13.0
14.0	78.3	54.6	103 900	83 700	72 100	63 400	14.0
15.0	77.2	54.3	95 900	80 800	69 800	61 500	15.0
16.0	76.1	54.1	89 000	78 000	67 600	59 400	16.0
18.0	74.0	53.5	77 800	72 500	63 600	53 100	18.0
20.0	71.8	52.9	69 000	65 100	57 500	46 700	20.0
22.0	69.5	52.1	61 900	58 600	51 500	41 600	22.0
24.0	67.3	51.3	55 800	52 800	46 600	37 400	24.0
26.0	65.0	50.4	50 400	47 800	42 400	33 900	26.0
28.0	62.6	49.3	45 700	43 600	38 800	30 800	28.0
30.0	60.2	48.2	41 200	39 600	35 700	28 100	30.0
32.0	57.8	47.0	37 100	35 700	32 900	25 800	32.0
34.0	55.2	45.6	33 500	32 300	30 500	23 800	34.0
36.0	52.6	44.1	30 400	29 400	28 400	21 900	36.0
38.0	49.9	42.4	27 600	26 700	26 000	20 300	38.0
40.0	47.1	40.6	25 100	24 400	23 700	18 800	40.0
42.0	44.1	38.6	22 800	22 200	21 700	17 500	42.0
44.0	41.0	36.3	20 800	20 300	19 800	16 300	44.0
46.0	37.6	33.8	18 900	18 500	18 100	15 200	46.0
48.0	33.9	30.9	17 200	16 900	16 600	14 200	48.0
50.0	29.9	27.6	15 600	15 400	15 100	13 200	50.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	58.3	109 400				10.4
11.0	81.9	58.2	108 200	79 700			11.0
12.0	80.9	58.1	106 500	78 700			12.0
13.0	79.9	57.9	104 900	77 400	64 300		13.0
14.0	78.9	57.7	102 400	75 100	62 600	53 600	14.0
15.0	77.9	57.5	94 500	72 900	61 000	52 300	15.0
16.0	76.9	57.2	87 700	70 900	59 500	51 100	16.0
18.0	74.8	56.7	76 500	67 100	56 600	48 800	18.0
20.0	72.8	56.1	67 800	63 400	53 800	46 500	20.0
22.0	70.7	55.4	60 800	57 500	50 900	41 400	22.0
24.0	68.5	54.6	54 900	52 100	46 400	37 100	24.0
26.0	66.4	53.7	50 000	47 300	42 100	33 500	26.0
28.0	64.2	52.8	45 400	43 100	38 500	30 500	28.0
30.0	61.9	51.7	41 300	39 400	35 400	27 900	30.0
32.0	59.7	50.6	37 200	35 800	32 700	25 500	32.0
34.0	57.3	49.3	33 600	32 400	30 300	23 500	34.0
36.0	54.9	47.9	30 400	29 400	28 100	21 700	36.0
38.0	52.4	46.4	27 700	26 800	25 900	20 000	38.0
40.0	49.9	44.7	25 200	24 400	23 700	18 600	40.0
42.0	47.2	42.9	22 900	22 200	21 600	17 200	42.0
44.0	44.4	40.9	20 900	20 300	19 800	16 000	44.0
46.0	41.4	38.7	19 000	18 500	18 100	14 900	46.0
48.0	38.3	36.2	17 300	16 900	16 500	13 900	48.0
50.0	34.9	33.4	15 800	15 400	15 100	13 000	50.0
52.0	31.2	30.2	14 300	14 000	13 700	12 100	52.0





# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	61.4	105 800				10.4
11.0	82.3	61.3	104 800				11.0
12.0	81.4	61.2	103 200	76 300			12.0
13.0	80.4	61.0	101 800	74 200	61 800		13.0
14.0	79.5	60.8	99 000	72 000	60 100	51 500	14.0
15.0	78.5	60.6	93 500	69 800	58 500	50 100	15.0
16.0	77.5	60.4	86 400	67 800	56 900	48 900	16.0
18.0	75.6	59.9	75 300	64 000	54 000	46 500	18.0
20.0	73.6	59.3	66 700	60 400	51 200	44 400	20.0
22.0	71.7	58.6	59 600	56 400	48 700	41 200	22.0
24.0	69.7	57.9	53 900	50 900	45 800	36 800	24.0
26.0	67.6	57.1	49 000	46 500	41 800	33 200	26.0
28.0	65.6	56.2	44 800	42 600	38 200	30 200	28.0
30.0	63.5	55.2	41 000	38 900	35 100	27 500	30.0
32.0	61.3	54.1	37 200	35 700	32 400	25 200	32.0
34.0	59.2	52.9	33 700	32 300	30 000	23 100	34.0
36.0	56.9	51.6	30 500	29 300	27 800	21 300	36.0
38.0	54.6	50.2	27 600	26 700	25 700	19 700	38.0
40.0	52.3	48.7	25 100	24 300	23 500	18 200	40.0
42.0	49.8	47.0	22 900	22 100	21 400	16 900	42.0
44.0	47.3	45.2	20 800	20 200	19 600	15 700	44.0
46.0	44.6	43.2	19 000	18 400	17 900	14 500	46.0
48.0	41.8	41.0	17 300	16 800	16 300	13 600	48.0
50.0	38.9	38.6	15 700	15 300	14 900	12 600	50.0
52.0	35.7	35.9	14 200	13 900	13 600	11 800	52.0
54.0	32.3	32.8	12 900	12 600	12 300	11 000	54.0
56.0	28.5	29.3	11 600	11 400	11 200	10 200	56.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	64.4	102 100				11.0
12.0	81.8	64.3	100 800				12.0
13.0	80.9	64.1	98 800	71 400			13.0
14.0	80.0	63.9	95 000	69 200	57 800		14.0
15.0	79.1	63.7	91 300	67 000	56 200	48 300	15.0
16.0	78.1	63.5	86 000	65 000	54 700	47 000	16.0
18.0	76.3	63.0	74 200	61 200	51 700	44 700	18.0
20.0	74.4	62.5	65 600	57 700	49 000	42 500	20.0
22.0	72.6	61.8	58 700	54 300	46 500	40 200	22.0
24.0	70.7	61.1	53 000	50 100	44 100	36 800	24.0
26.0	68.8	60.4	48 200	45 700	41 800	33 100	26.0
28.0	66.8	59.5	44 100	41 900	38 100	30 000	28.0
30.0	64.8	58.6	40 500	38 600	35 000	27 400	30.0
32.0	62.8	57.6	37 300	35 400	32 300	25 100	32.0
34.0	60.8	56.5	33 900	32 500	29 900	23 000	34.0
36.0	58.7	55.3	30 700	29 500	27 800	21 200	36.0
38.0	56.6	54.0	27 800	26 800	25 800	19 600	38.0
40.0	54.4	52.5	25 300	24 400	23 500	18 100	40.0
42.0	52.1	51.0	23 100	22 300	21 500	16 800	42.0
44.0	49.8	49.3	21 000	20 400	19 700	15 600	44.0
46.0	47.4	47.5	19 200	18 600	18 000	14 500	46.0
48.0	44.8	45.5	17 500	17 000	16 400	13 400	48.0
50.0	42.2	43.4	15 900	15 500	15 000	12 500	50.0
52.0	39.4	41.0	14 500	14 100	13 700	11 700	52.0
54.0	36.4	38.3	13 200	12 800	12 500	10 800	54.0
56.0	33.2	35.4	11 900	11 600	11 300	10 100	56.0
58.0	29.7	32.0	10 700	10 500	10 200	9 400	58.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	67.4	98 500				11.6
12.0	82.2	67.3	97 700				12.0
13.0	81.3	67.2	94 400	70 200			13.0
14.0	80.4	67.0	90 800	67 900	56 600		14.0
15.0	79.6	66.8	87 500	65 700	55 000	46 100	15.0
16.0	78.7	66.6	83 400	63 600	53 400	45 700	16.0
18.0	76.9	66.2	73 000	59 800	50 400	43 600	18.0
20.0	75.2	65.6	64 400	56 200	47 600	41 200	20.0
22.0	73.4	65.0	57 500	52 900	45 100	39 100	22.0
24.0	71.6	64.4	51 900	48 800	42 700	36 400	24.0
26.0	69.8	63.6	47 200	44 500	40 400	32 700	26.0
28.0	67.9	62.8	43 100	40 800	37 900	29 700	28.0
30.0	66.1	62.0	39 600	37 600	34 700	27 000	30.0
32.0	64.2	61.0	36 500	34 800	32 000	24 700	32.0
34.0	62.2	60.0	33 700	32 100	29 600	22 700	34.0
36.0	60.3	58.8	30 600	29 300	27 500	20 800	36.0
38.0	58.3	57.6	27 800	26 600	25 500	19 200	38.0
40.0	56.2	56.3	25 200	24 200	23 300	17 700	40.0
42.0	54.1	54.8	23 000	22 100	21 300	16 400	42.0
44.0	52.0	53.3	20 900	20 100	19 400	15 200	44.0
46.0	49.7	51.6	19 000	18 400	17 700	14 100	46.0
48.0	47.4	49.8	17 300	16 800	16 200	13 100	48.0
50.0	45.0	47.8	15 800	15 300	14 800	12 200	50.0
52.0	42.5	45.7	14 300	13 900	13 500	11 300	52.0
54.0	39.9	43.4	13 000	12 600	12 300	10 500	54.0
56.0	37.1	40.8	11 800	11 500	11 100	9 800	56.0
58.0	34.1	37.9	10 700	10 300	10 100	9 100	58.0
60.0	30.9	34.7	9 500	9 300	9 100	8 400	60.0
62.0	27.3	30.9	8 500	8 300	8 100	7 900	62.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	70.5	87 600				11.6
12.0	82.5	70.4	87 100				12.0
13.0	81.7	70.3	85 900	62 600			13.0
14.0	80.9	70.1	84 800	61 000			14.0
15.0	80.0	69.9	82 400	59 500	48 400		15.0
16.0	79.2	69.7	79 600	57 900	47 300	38 700	16.0
18.0	77.5	69.3	72 100	55 000	45 100	38 000	18.0
20.0	75.8	68.8	63 500	52 300	43 100	36 400	20.0
22.0	74.1	68.2	56 600	49 500	41 100	34 800	22.0
24.0	72.4	67.6	51 000	46 800	39 300	33 400	24.0
26.0	70.7	66.9	46 300	43 600	37 500	31 900	26.0
28.0	68.9	66.1	42 300	39 900	35 600	29 400	28.0
30.0	67.2	65.3	38 800	36 800	33 900	26 700	30.0
32.0	65.4	64.4	35 800	34 000	31 800	24 400	32.0
34.0	63.6	63.4	33 100	31 500	29 300	22 400	34.0
36.0	61.7	62.3	30 500	29 100	27 200	20 600	36.0
38.0	59.8	61.2	27 800	26 600	25 300	18 900	38.0
40.0	57.9	59.9	25 200	24 100	23 100	17 500	40.0
42.0	55.9	58.6	22 900	22 000	21 100	16 100	42.0
44.0	53.9	57.2	20 900	20 000	19 300	14 900	44.0
46.0	51.8	55.6	19 000	18 300	17 600	13 800	46.0
48.0	49.7	53.9	17 300	16 600	16 000	12 800	48.0
50.0	47.5	52.1	15 700	15 200	14 600	11 900	50.0
52.0	45.2	50.2	14 300	13 800	13 300	11 000	52.0
54.0	42.8	48.0	13 000	12 500	12 100	10 300	54.0
56.0	40.3	45.7	11 700	11 400	11 000	9 500	56.0
58.0	37.7	43.2	10 600	10 200	9 900	8 800	58.0
60.0	34.9	40.4	9 500	9 200	8 900	8 200	60.0
62.0	31.8	37.3	8 500	8 200	8 000	7 600	62.0
64.0	28.5	33.7	7 500	7 300	7 100	6 900	64.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	73.5	84 200				12.2
13.0	82.0	73.4	83 300				13.0
14.0	81.2	73.2	80 900	58 000			14.0
15.0	80.4	73.0	78 300	56 400	44 600		15.0
16.0	79.6	72.8	75 600	54 900	44 300		16.0
18.0	78.0	72.4	70 200	52 000	42 800	34 500	18.0
20.0	76.4	71.9	62 300	49 300	40 600	34 200	20.0
22.0	74.8	71.4	55 500	46 700	38 700	32 800	22.0
24.0	73.2	70.8	50 000	44 100	36 800	31 300	24.0
26.0	71.5	70.1	45 300	41 600	35 000	29 800	26.0
28.0	69.9	69.4	41 300	39 000	33 300	28 400	28.0
30.0	68.2	68.6	37 900	35 700	31 600	26 500	30.0
32.0	66.5	67.7	34 900	33 000	29 900	24 100	32.0
34.0	64.7	66.8	32 200	30 600	28 200	22 000	34.0
36.0	63.0	65.8	29 800	28 400	26 700	20 200	36.0
38.0	61.2	64.7	27 600	26 300	24 900	18 600	38.0
40.0	59.4	63.5	25 000	23 900	22 900	17 100	40.0
42.0	57.5	62.3	22 800	21 700	20 800	15 800	42.0
44.0	55.6	60.9	20 700	19 800	19 000	14 600	44.0
46.0	53.7	59.5	18 800	18 000	17 300	13 500	46.0
48.0	51.7	57.9	17 100	16 400	15 800	12 500	48.0
50.0	49.7	56.2	15 500	14 900	14 300	11 600	50.0
52.0	47.6	54.4	14 100	13 600	13 000	10 700	52.0
54.0	45.4	52.5	12 800	12 300	11 800	9 900	54.0
56.0	43.1	50.4	11 500	11 100	10 700	9 200	56.0
58.0	40.7	48.1	10 400	10 000	9 700	8 500	58.0
60.0	38.2	45.6	9 300	9 000	8 700	7 800	60.0
62.0	35.6	42.9	8 300	8 000	7 800	7 200	62.0
64.0	32.7	39.8	7 300	7 100	6 900	6 700	64.0
66.0	29.6	36.4	6 500	6 200	6 100	5 800	66.0
68.0	26.2	32.6	5 600	5 400	5 200	5 100	68.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	76.5	81 200				12.2
13.0	82.4	76.4	80 300				13.0
14.0	81.6	76.3	77 800	54 700			14.0
15.0	80.8	76.1	75 300	54 300			15.0
16.0	80.1	75.9	72 900	53 200	40 800		16.0
18.0	78.5	75.5	67 900	50 100	40 400	31 700	18.0
20.0	77.0	75.1	62 500	47 400	39 300	31 500	20.0
22.0	75.4	74.6	55 600	44 900	37 300	31 200	22.0
24.0	73.9	74.0	50 100	42 300	35 400	30 300	24.0
26.0	72.3	73.4	45 500	39 900	33 700	28 800	26.0
28.0	70.7	72.7	41 500	37 600	32 000	27 400	28.0
30.0	69.1	71.9	38 100	35 400	30 300	26 100	30.0
32.0	67.5	71.1	35 100	33 200	28 700	24 400	32.0
34.0	65.8	70.2	32 500	30 700	27 100	22 400	34.0
36.0	64.2	69.2	30 100	28 600	25 600	20 600	36.0
38.0	62.5	68.2	27 900	26 600	24 100	18 900	38.0
40.0	60.7	67.1	25 900	24 700	22 700	17 500	40.0
42.0	59.0	65.9	23 600	22 500	21 300	16 200	42.0
44.0	57.2	64.6	21 500	20 600	19 700	15 000	44.0
46.0	55.4	63.2	19 600	18 800	18 000	13 900	46.0
48.0	53.5	61.8	17 900	17 200	16 400	12 900	48.0
50.0	51.6	60.2	16 300	15 700	15 000	11 900	50.0
52.0	49.6	58.5	14 900	14 300	13 800	11 100	52.0
54.0	47.6	56.7	13 500	13 100	12 500	10 300	54.0
56.0	45.5	54.8	12 300	11 900	11 400	9 600	56.0
58.0	43.4	52.7	11 200	10 800	10 400	8 900	58.0
60.0	41.1	50.4	10 100	9 700	9 400	8 200	60.0
62.0	38.7	48.0	9 100	8 800	8 500	7 600	62.0
64.0	36.2	45.3	8 200	7 900	7 600	7 100	64.0
66.0	33.5	42.4	7 300	7 100	6 800	6 500	66.0
68.0	30.6	39.1	6 500	6 200	6 000	5 800	68.0
70.0	27.5	35.4	5 600	5 400	5 300	5 100	70.0



# Liftcrane Boom Capacities

# 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Pedestal Mount**  
**0 Degree thru 3 Degree Static Machine List**

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	79.5	76 800				12.8
13.0	82.7	79.5	76 300				13.0
14.0	81.9	79.4	73 800				14.0
15.0	81.2	79.2	71 500	49 700			15.0
16.0	80.5	79.0	69 100	49 400	36 900		16.0
18.0	79.0	78.6	64 400	47 500	36 600	28 400	18.0
20.0	77.5	78.2	59 900	44 700	36 300	28 200	20.0
22.0	76.0	77.7	54 800	42 200	35 200	28 000	22.0
24.0	74.5	77.2	49 100	39 800	33 200	27 800	24.0
26.0	73.0	76.6	44 500	37 400	31 400	26 900	26.0
28.0	71.5	75.9	40 600	35 200	29 800	25 500	28.0
30.0	69.9	75.2	37 200	33 100	28 200	24 200	30.0
32.0	68.4	74.4	34 200	31 100	26 600	22 900	32.0
34.0	66.8	73.5	31 600	29 100	25 100	21 700	34.0
36.0	65.2	72.6	29 300	27 300	23 600	20 300	36.0
38.0	63.6	71.6	27 200	25 500	22 200	18 600	38.0
40.0	62.0	70.6	25 300	23 900	20 800	17 100	40.0
42.0	60.3	69.4	23 400	22 200	19 500	15 800	42.0
44.0	58.6	68.2	21 300	20 300	18 300	14 600	44.0
46.0	56.9	66.9	19 400	18 500	17 000	13 500	46.0
48.0	55.1	65.6	17 700	16 900	15 800	12 500	48.0
50.0	53.3	64.1	16 100	15 400	14 700	11 600	50.0
52.0	51.5	62.5	14 700	14 000	13 400	10 800	52.0
54.0	49.6	60.8	13 400	12 800	12 200	9 900	54.0
56.0	47.7	59.0	12 100	11 600	11 100	9 200	56.0
58.0	45.7	57.1	11 000	10 500	10 100	8 500	58.0
60.0	43.6	55.0	9 900	9 500	9 100	7 900	60.0
62.0	41.4	52.8	8 900	8 500	8 200	7 300	62.0
64.0	39.1	50.4	8 000	7 700	7 300	6 600	64.0
66.0	36.8	47.8	7 100	6 800	6 500	5 800	66.0
68.0	34.2	44.9	6 200	6 000	5 700	5 000	68.0
70.0	31.5	41.7	5 400	5 200	4 800	4 100	70.0
72.0	28.6	38.2	4 700	4 500	3 900	3 200	72.0