

Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
107,100 Lb. Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

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

Upper boom point capacity for liftcrane service with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. boom length requires 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 in a level position on a firm uniformly supporting surface with gantry up. 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, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8027-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, boom support straps and 107,100 Lb. counterweight.

Maximum Boom Lengths Lifted Unassisted

Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Crawlers
Boom Length	Boom Length	Boom Length
(a)(b) 250 Ft.	230 Ft.	(a) 220 Ft.
Load block, hook and weight ball on ground at start. (a) Third line sheave assembly on boom top must be removed on 250 Ft. boom or over side of crawlers on 220 Ft. boom. (b) Machine must be equipped with optional upperworks jacking cylinders when boom catwalks are attached.		

Third Line Deduct

Deduct 600 Lbs. from boom capacities when boom is equipped for three line operation.

Boom Catwalks Deduct

Deduct 600 Lbs. from capacities when boom catwalks are attached.

Jib is not to be used with this chart.

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
70 Ft. BOOM			
18	82.9	77.1	551,200 *
19	82.1	76.9	545,400 *
20	81.3	76.8	520,000 *
21	80.4	76.5	492,900
22	79.6	76.3	445,200
23	78.8	76.1	405,700
24	77.9	75.8	372,400
25	77.1	75.6	344,000
26	76.2	75.3	319,500
27	75.4	75.0	298,100
28	74.5	74.7	279,300
29	73.7	74.4	262,600
30	72.8	74.0	247,700
32	71.0	73.3	222,200
34	69.3	72.4	201,200
36	67.5	71.6	183,600
38	65.7	70.6	168,700
40	63.8	69.5	155,800
42	61.9	68.4	144,600
44	60.0	67.2	134,800
46	58.1	65.9	126,100
48	56.1	64.5	118,300
50	54.0	62.9	111,400
55	48.6	58.6	96,700
60	42.6	53.2	85,100
65	35.8	46.6	75,600
70	27.4	37.6	67,700

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
80 Ft. BOOM			
20	82.4	86.9	519,300 *
21	81.7	86.7	493,800
22	80.9	86.5	445,900
23	80.2	86.3	406,300
24	79.5	86.1	373,000
25	78.7	85.9	344,500
26	78.0	85.6	319,900
27	77.3	85.4	298,500
28	76.5	85.1	279,600
29	75.8	84.8	262,800
30	75.0	84.5	247,900
32	73.5	83.9	222,400
34	72.0	83.2	201,300
36	70.5	82.4	183,700
38	68.9	81.6	168,700
40	67.3	80.7	155,800
42	65.8	79.8	144,600
44	64.2	78.7	134,800
46	62.5	77.6	126,000
48	60.9	76.5	118,300
50	59.2	75.2	111,300
55	54.8	71.7	96,700
60	50.2	67.6	85,000
65	45.1	62.7	75,500
70	39.6	56.8	67,600
75	33.3	49.4	61,000
80	25.4	39.7	55,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
90 Ft. BOOM			
21	82.6	96.9	494,400
22	81.9	96.7	446,500
23	81.3	96.5	406,800
24	80.6	96.3	373,400
25	80.0	96.1	344,800
26	79.3	95.9	320,200
27	78.7	95.7	298,700
28	78.0	95.4	279,800
29	77.4	95.2	263,100
30	76.7	94.9	248,100
32	75.4	94.4	222,500
34	74.1	93.7	201,500
36	72.7	93.1	183,800
38	71.4	92.4	168,800
40	70.0	91.6	155,900
42	68.6	90.8	144,700
44	67.2	89.9	134,800
46	65.8	88.9	126,100
48	64.4	87.9	118,300
50	63.0	86.8	111,300
55	59.3	83.9	96,700
60	55.4	80.4	85,000
65	51.3	76.5	75,500
70	47.0	71.8	67,700
75	42.3	66.5	61,000
80	37.1	60.0	55,300
85	31.2	52.1	50,300

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
100 Ft. BOOM			
22	82.8	106.8	446,900
23	82.2	106.7	407,100
24	81.6	106.5	373,700
25	81.0	106.3	345,100
26	80.4	106.1	320,400
27	79.8	105.9	298,900
28	79.3	105.7	279,900
29	78.7	105.5	263,100
30	78.1	105.2	248,100
32	76.9	104.7	222,500
34	75.7	104.2	201,400
36	74.5	103.6	183,700
38	73.3	103.0	168,700
40	72.1	102.3	155,700
42	70.9	101.5	144,500
44	69.7	100.8	134,600
46	68.4	99.9	125,900
48	67.2	99.0	118,100
50	65.9	98.1	111,100
55	62.7	95.5	96,400
60	59.3	92.5	84,700
65	55.9	89.2	75,200
70	52.3	85.3	67,300
75	48.5	80.9	60,700
80	44.4	75.9	55,000
85	40.0	70.0	50,000
90	35.1	63.1	45,700
95	29.5	54.7	41,800

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
110 Ft. BOOM			
23	82.9	116.8	374,400 *
24	82.4	116.6	371,800 *
25	81.8	116.5	345,200
26	81.3	116.3	320,500
27	80.8	116.1	298,900
28	80.3	115.9	280,000
29	79.7	115.7	263,100
30	79.2	115.5	248,100
32	78.1	115.0	222,500
34	77.0	114.6	201,300
36	76.0	114.0	183,600
38	74.9	113.4	168,500
40	73.8	112.8	155,600
42	72.7	112.2	144,300
44	71.6	111.5	134,400
46	70.5	110.7	125,700
48	69.4	109.9	117,900
50	68.2	109.1	110,900
55	65.4	106.8	96,200
60	62.4	104.2	84,500
65	59.4	101.2	75,000
70	56.3	97.9	67,100
75	53.0	94.1	60,400
80	49.6	89.9	54,700
85	46.0	85.1	49,800
90	42.2	79.7	45,500
95	38.0	73.4	41,700
100	33.3	66.0	38,300
105	28.0	57.1	35,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
120 Ft. BOOM			
24	83.0	126.8	363,700 *
25	82.5	126.6	345,300
26	82.0	126.4	320,500
27	81.6	126.3	298,900
28	81.1	126.1	279,900
29	80.6	125.9	263,100
30	80.1	125.7	248,000
32	79.1	125.3	222,300
34	78.1	124.8	201,100
36	77.2	124.4	183,400
38	76.2	123.8	168,300
40	75.2	123.3	155,300
42	74.2	122.7	144,000
44	73.2	122.0	134,100
46	72.2	121.4	125,300
48	71.2	120.6	117,500
50	70.1	119.9	110,500
55	67.6	117.8	95,800
60	64.9	115.5	84,100
65	62.2	112.8	74,600
70	59.5	109.9	66,700
75	56.6	106.6	60,000
80	53.6	102.9	54,300
85	50.6	98.8	49,300
90	47.3	94.2	45,000
95	43.9	89.1	41,200
100	40.2	83.3	37,800
105	36.2	76.6	34,800
110	31.8	68.8	32,000
115	26.7	59.3	29,500



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**Meets
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Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
130 Ft. BOOM			
26	82.7	136.6	320,700
27	82.2	136.4	299,000
28	81.8	136.2	280,000
29	81.3	136.1	263,100
30	80.9	135.9	248,100
32	80.0	135.5	222,300
34	79.1	135.1	201,100
36	78.2	134.6	183,400
38	77.3	134.2	168,300
40	76.4	133.6	155,300
42	75.4	133.1	144,000
44	74.5	132.5	134,100
46	73.6	131.9	125,300
48	72.7	131.2	117,500
50	71.7	130.5	110,500
55	69.4	128.7	95,700
60	67.0	126.5	84,000
65	64.5	124.1	74,500
70	62.1	121.5	66,600
75	59.5	118.5	59,900
80	56.9	115.3	54,200
85	54.2	111.7	49,300
90	51.3	107.7	45,000
95	48.4	103.3	41,100
100	45.3	98.4	37,800
105	42.0	92.9	34,700
110	38.5	86.7	32,000
115	34.7	79.7	29,500
120	30.5	71.5	27,300
125	25.6	61.5	25,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
140 Ft. BOOM			
27	82.8	146.5	299,000
28	82.4	146.4	280,000
29	81.9	146.2	263,000
30	81.5	146.0	248,000
32	80.7	145.7	222,100
34	79.9	145.3	200,900
36	79.0	144.9	183,100
38	78.2	144.4	168,000
40	77.4	144.0	155,000
42	76.5	143.5	143,600
44	75.7	142.9	133,700
46	74.8	142.3	124,900
48	74.0	141.7	117,100
50	73.1	141.1	110,000
55	70.9	139.4	95,300
60	68.7	137.4	83,600
65	66.5	135.2	74,000
70	64.2	132.8	66,100
75	61.9	130.1	59,400
80	59.5	127.2	53,700
85	57.1	124.0	48,800
90	54.6	120.4	44,400
95	52.0	116.5	40,600
100	49.3	112.2	37,200
105	46.5	107.5	34,200
110	43.5	102.3	31,500
115	40.4	96.5	29,000
120	37.0	90.0	26,700
125	33.4	82.6	24,700
130	29.3	74.0	22,800

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
150 Ft. BOOM			
28	82.9	156.5	279,800
29	82.5	156.3	262,900
30	82.1	156.2	247,800
32	81.3	155.8	221,900
34	80.6	155.5	200,600
36	79.8	155.1	182,800
38	79.0	154.7	167,700
40	78.2	154.2	154,600
42	77.4	153.8	143,300
44	76.6	153.3	133,300
46	75.8	152.7	124,500
48	75.1	152.2	116,700
50	74.3	151.6	109,700
55	72.3	150.0	94,900
60	70.2	148.2	83,200
65	68.2	146.2	73,600
70	66.1	143.9	65,700
75	63.9	141.5	59,000
80	61.8	138.8	53,300
85	59.6	135.9	48,300
90	57.3	132.6	44,000
95	55.0	129.1	40,200
100	52.6	125.3	36,800
105	50.1	121.2	33,800
110	47.5	116.6	31,000
115	44.8	111.6	28,600
120	42.0	106.1	26,300
125	38.9	100.0	24,300
130	35.7	93.2	22,400
135	32.2	85.4	20,600
140	28.3	76.5	19,000

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
160 Ft. BOOM			
29	83.0	166.4	262,700
30	82.6	166.3	247,600
32	81.9	166.0	221,700
34	81.1	165.7	200,400
36	80.4	165.3	182,500
38	79.7	164.9	167,300
40	79.0	164.5	154,300
42	78.2	164.0	142,900
44	77.5	163.6	132,900
46	76.8	163.1	124,100
48	76.0	162.6	116,300
50	75.3	162.0	109,200
55	73.4	160.5	94,400
60	71.5	158.8	82,700
65	69.6	157.0	73,100
70	67.7	154.9	65,100
75	65.7	152.6	58,400
80	63.7	150.2	52,700
85	61.7	147.5	47,800
90	59.6	144.5	43,400
95	57.5	141.3	39,600
100	55.3	137.9	36,200
105	53.1	134.1	33,200
110	50.7	130.1	30,500
115	48.4	125.6	28,000
120	45.9	120.8	25,700
125	43.3	115.6	23,700
130	40.5	109.8	21,800
135	37.6	103.4	20,100
140	34.5	96.2	18,400
145	31.1	88.2	16,900
150	27.3	78.8	15,600

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
170 Ft. BOOM			
30	83.0	176.4	247,500
32	82.4	176.1	221,600
34	81.7	175.8	200,300
36	81.0	175.5	182,400
38	80.3	175.1	167,200
40	79.6	174.7	154,200
42	78.9	174.3	142,800
44	78.2	173.8	132,800
46	77.5	173.4	124,000
48	76.9	172.9	116,100
50	76.2	172.4	109,100
55	74.4	171.0	94,300
60	72.6	169.4	82,500
65	70.9	167.6	73,000
70	69.1	165.7	65,000
75	67.2	163.6	58,300
80	65.4	161.3	52,600
85	63.5	158.8	47,600
90	61.6	156.1	43,300
95	59.6	153.2	39,500
100	57.6	150.0	36,100
105	55.6	146.6	33,100
110	53.5	142.9	30,300
115	51.3	138.9	27,900
120	49.1	134.6	25,600
125	46.8	129.9	23,600
130	44.4	124.9	21,700
135	41.9	119.3	20,000
140	39.2	113.3	18,300
145	36.4	106.6	16,900
150	33.4	99.2	15,500
155	30.1	90.8	14,200
160	26.5	81.1	13,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
180 Ft. BOOM			
32	82.8	186.2	221,400
34	82.1	185.9	200,000
36	81.5	185.6	182,100
38	80.9	185.3	166,900
40	80.2	184.9	153,800
42	79.6	184.5	142,400
44	78.9	184.1	132,400
46	78.3	183.6	123,600
48	77.6	183.2	115,700
50	76.9	182.7	108,600
55	75.3	181.4	93,800
60	73.6	179.9	82,000
65	72.0	178.3	72,400
70	70.3	176.5	64,500
75	68.6	174.5	57,800
80	66.8	172.3	52,000
85	65.1	170.0	47,100
90	63.3	167.5	42,700
95	61.5	164.8	38,900
100	59.6	161.8	35,500
105	57.8	158.7	32,500
110	55.8	155.3	29,700
115	53.9	151.7	27,300
120	51.8	147.7	25,000
125	49.8	143.5	23,000
130	47.6	139.0	21,100
135	45.4	134.1	19,400
140	43.1	128.8	17,800
145	40.6	123.0	16,300
150	38.1	116.7	14,900
155	35.4	109.8	13,600
160	32.4	102.1	12,400
165	29.2	93.4	11,300
170	25.7	83.3	10,200



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
190 Ft. BOOM			
34	82.6	196.0	199,700
36	81.9	195.7	181,800
38	81.3	195.4	166,500
40	80.7	195.1	153,400
42	80.1	194.7	142,000
44	79.5	194.3	132,000
46	78.9	193.9	123,200
48	78.3	193.4	115,300
50	77.6	193.0	108,200
55	76.1	191.7	93,400
60	74.5	190.3	81,600
65	72.9	188.8	72,000
70	71.4	187.1	64,000
75	69.7	185.3	57,300
80	68.1	183.2	51,500
85	66.5	181.1	46,600
90	64.8	178.7	42,200
95	63.1	176.2	38,400
100	61.4	173.4	35,000
105	59.7	170.5	32,000
110	57.9	167.4	29,200
115	56.1	164.0	26,800
120	54.2	160.4	24,500
125	52.3	156.6	22,500
130	50.3	152.4	20,600
135	48.3	148.0	18,800
140	46.2	143.2	17,200
145	44.1	138.1	15,800
150	41.8	132.6	14,400
155	39.5	126.6	13,100
160	37.0	120.0	11,900
165	34.4	112.8	10,800
170	31.5	104.8	9,700
175	28.4	95.8	8,700

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
34	82.9	206.1	199,400
36	82.4	205.8	181,500
38	81.8	205.5	166,200
40	81.2	205.2	153,100
42	80.6	204.8	141,600
44	80.0	204.5	131,600
46	79.4	204.1	122,700
48	78.9	203.7	114,800
50	78.3	203.2	107,700
55	76.8	202.1	92,900
60	75.3	200.7	81,000
65	73.8	199.3	71,400
70	72.3	197.7	63,400
75	70.8	195.9	56,700
80	69.3	194.0	50,900
85	67.7	192.0	46,000
90	66.2	189.8	41,600
95	64.6	187.4	37,800
100	63.0	184.8	34,400
105	61.3	182.1	31,400
110	59.7	179.2	28,600
115	58.0	176.0	26,100
120	56.3	172.7	23,900
125	54.5	169.1	21,800
130	52.7	165.3	20,000
135	50.9	161.3	18,200
140	49.0	157.0	16,600
145	47.0	152.3	15,100
150	45.0	147.3	13,800
155	42.9	142.0	12,500
160	40.7	136.2	11,300
165	38.4	130.0	10,100
170	36.0	123.2	9,100
175	33.4	115.8	8,100
180	30.7	107.5	7,100
185	27.7	98.3	6,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
210 Ft. BOOM			
36	82.7	215.9	181,200
38	82.2	215.6	166,000
40	81.6	215.3	152,800
42	81.1	215.0	141,400
44	80.5	214.6	131,400
46	80.0	214.3	122,500
48	79.4	213.9	114,600
50	78.8	213.5	107,500
55	77.4	212.3	92,600
60	76.0	211.1	80,800
65	74.6	209.7	71,200
70	73.2	208.2	63,200
75	71.8	206.5	56,400
80	70.3	204.7	50,700
85	68.8	202.8	45,700
90	67.4	200.7	41,400
95	65.9	198.5	37,500
100	64.4	196.1	34,100
105	62.8	193.5	31,100
110	61.3	190.8	28,400
115	59.7	187.8	25,900
120	58.1	184.7	23,600
125	56.4	181.4	21,600
130	54.8	177.9	19,700
135	53.1	174.1	18,000
140	51.3	170.1	16,400
145	49.5	165.9	14,900
150	47.7	161.4	13,500
155	45.8	156.5	12,200
160	43.8	151.3	11,000
165	41.8	145.8	9,900
170	39.7	139.8	8,900
175	37.4	133.4	7,900
180	35.1	126.4	6,900
185	32.6	118.7	6,000
190	29.9	110.2	5,200
195	27.0	100.6	4,400

Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
107,100 Lb. Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
220 Ft. BOOM			
38	82.5	225.8	165,600
40	82.0	225.5	152,500
42	81.5	225.1	141,000
44	80.9	224.8	131,000
46	80.4	224.4	122,100
48	79.9	224.1	114,100
50	79.4	223.7	107,000
55	78.0	222.6	92,100
60	76.7	221.4	80,300
65	75.3	220.1	70,600
70	74.0	218.7	62,600
75	72.6	217.1	55,900
80	71.2	215.4	50,100
85	69.9	213.5	45,100
90	68.5	211.6	40,800
95	67.0	209.4	36,900
100	65.6	207.2	33,500
105	64.2	204.7	30,500
110	62.7	202.2	27,800
115	61.2	199.4	25,300
120	59.7	196.5	23,000
125	58.2	193.4	21,000
130	56.6	190.1	19,100
135	55.0	186.6	17,400
140	53.4	182.9	15,800
145	51.7	179.0	14,300
150	50.1	174.8	12,900
155	48.3	170.4	11,600
160	46.5	165.6	10,400
165	44.7	160.6	9,300
170	42.8	155.2	8,200
175	40.8	149.5	7,200
180	38.7	143.3	6,300
185	36.5	136.6	5,400
190	34.2	129.4	4,600

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
230 Ft. BOOM			
38	82.9	235.9	165,200
40	82.4	235.6	152,100
42	81.8	235.3	140,600
44	81.3	234.9	130,500
46	80.8	234.6	121,600
48	80.3	234.2	113,700
50	79.8	233.9	106,600
55	78.6	232.9	91,700
60	77.3	231.7	79,800
65	76.0	230.5	70,100
70	74.7	229.1	62,100
75	73.4	227.6	55,400
80	72.1	226.0	49,600
85	70.8	224.2	44,600
90	69.4	222.3	40,200
95	68.1	220.3	36,400
100	66.7	218.2	33,000
105	65.4	215.9	29,900
110	64.0	213.4	27,200
115	62.6	210.8	24,700
120	61.2	208.1	22,500
125	59.7	205.1	20,400
130	58.3	202.1	18,500
135	56.8	198.8	16,800
140	55.2	195.3	15,200
145	53.7	191.7	13,700
150	52.1	187.8	12,300
155	50.5	183.7	11,100
160	48.9	179.3	9,900
165	47.2	174.7	8,700
170	45.4	169.8	7,700
175	43.6	164.6	6,700
180	41.8	159.0	5,800
185	39.8	153.1	4,900
190	37.8	146.7	4,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
240 Ft. BOOM			
40	82.7	245.7	151,700
42	82.2	245.4	140,200
44	81.7	245.1	130,100
46	81.2	244.7	121,200
48	80.7	244.4	113,200
50	80.3	244.0	106,100
55	79.0	243.1	91,200
60	77.8	242.0	79,300
65	76.6	240.8	69,600
70	75.4	239.5	61,600
75	74.1	238.0	54,800
80	72.9	236.5	49,000
85	71.6	234.8	44,000
90	70.3	233.0	39,600
95	69.1	231.1	35,800
100	67.8	229.1	32,400
105	66.5	226.9	29,300
110	65.2	224.6	26,600
115	63.8	222.1	24,100
120	62.5	219.5	21,800
125	61.1	216.7	19,800
130	59.7	213.8	17,900
135	58.3	210.7	16,200
140	56.9	207.5	14,600
145	55.5	204.0	13,100
150	54.0	200.4	11,700
155	52.5	196.6	10,400
160	50.9	192.5	9,200
165	49.4	188.2	8,100
170	47.8	183.7	7,000
175	46.1	178.9	6,000
180	44.4	173.9	5,100
185	42.6	168.5	4,200



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Heavy Lift Top
107,100 Lb. Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
40	83.0	255.8	152,400
42	82.5	255.5	140,900
44	82.0	255.2	130,800
46	81.6	254.9	121,900
48	81.1	254.6	114,000
50	80.6	254.2	106,900
55	79.5	253.3	91,900
60	78.3	252.2	80,000
65	77.1	251.1	70,400
70	76.0	249.8	62,300
75	74.8	248.5	55,600
80	73.6	247.0	49,800
85	72.4	245.4	44,800
90	71.2	243.7	40,400
95	69.9	241.8	36,600
100	68.7	239.9	33,200
105	67.5	237.8	30,100
110	66.2	235.6	27,400
115	64.9	233.3	24,900
120	63.7	230.8	22,600
125	62.4	228.2	20,600
130	61.1	225.4	18,700
135	59.7	222.5	17,000
140	58.4	219.4	15,400
145	57.0	216.2	13,900
150	55.6	212.7	12,500
155	54.2	209.1	11,200
160	52.8	205.4	10,000
165	51.3	201.4	8,900
170	49.8	197.2	7,800
175	48.3	192.7	6,900
180	46.7	188.0	5,900
185	45.1	183.1	5,000
190	43.4	177.8	4,200