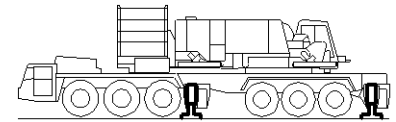


Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

Meets
ANSI B30.5
Requirements

2250T



LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 85% 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.

270 Ft. thru 300 Ft. boom lengths require only the middle 3 sheaves to be used on the lower boom point. All other sheaves must be removed from the lower boom point.

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

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up and outriggers fully extended (30 Ft. 9 in.) and set. Refer to operators manual for outrigger positioning. Radii less than 42 Ft. not recommended when lifting over front of truck. Minimum boom angle over truck cab is 5 degrees.

Note: Set four main jacks first, then lower center front jack until it just contacts ground to prevent preloading of center front jack. Center front jack must be used when operating on outriggers.

Refer to boom rigging **No. A03746**, Wire Rope Specification chart **No. 8464-A** and Counterweight Arrangement chart **No. 8469-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.

MACHINE TRAVEL: Refer to Maximum Allowable Travel Specification chart **No. 8468-A** for machine travel without load.

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 Manitowoc - Pierce T300 12 x 6 carrier, 314 in. wheel base, 138 in. front axle track, 116 in. rear axle track, 18.00R25 front tires, 16.00R25 rear tires, 184-1/2 in. outriggers, 28 Ft. retractable gantry, 12 part boom hoist reeving, two boom support straps and crane counterweight as specified.

Maximum Boom and Jib Lengths Lifted Unassisted Over Side or Rear of Extended Outriggers			
177,600 Lb. Countweight		123,200 Lb. Counterweight	
Boom Length	Jib No. 132	Boom Length	Jib No. 132
(a) 300 Ft.	—	280 Ft.	—
290 Ft.	—	270 Ft.	—
280 Ft.	—	260 Ft.	—
270 Ft.	—	250 Ft.	40 Ft.
260 Ft.	60 Ft.	240 Ft.	60 Ft.
250 Ft.	80 Ft.	230 Ft.	100 Ft.
240 Ft.	100 Ft.	220 Ft.	120 Ft.
230 Ft.	120 Ft.		
Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 300 Ft. boom.			

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
40 Ft.	6,400 Lbs.
60 Ft.	8,200 Lbs.
80 Ft.	10,300 Lbs.
100 Ft.	12,800 Lbs.
120 Ft.	15,300 Lbs.

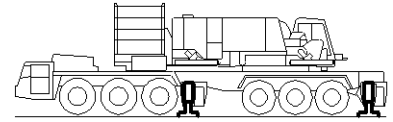
Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



70 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
18	82.9	80.0	600,000*	600,000*
19	82.1	79.8	580,000*	580,000*
20	81.3	79.6	560,000*	560,000*
21	80.4	79.4	543,300*	537,700*
22	79.6	79.2	541,300*	514,700*
23	78.8	78.9	523,000*	492,400*
24	77.9	78.7	502,300*	468,500*
25	77.1	78.4	483,200*	446,800*
26	76.2	78.1	465,400*	426,900*
27	75.4	77.9	448,800*	408,600*
28	74.5	77.5	433,300*	391,800*
29	73.7	77.2	418,800*	376,200*
30	72.8	76.9	404,500*	361,800*
32	71.0	76.1	375,700*	335,900*
34	69.3	75.3	350,500*	313,200*
36	67.5	74.4	328,300*	293,300*
38	65.7	73.4	308,600*	275,600*
40	63.8	72.4	291,100*	259,700*
42	61.9	71.3	274,000*	245,500*
44	60.0	70.0	256,400*	232,700*
46	58.1	68.7	240,500*	221,000*
48	56.1	67.3	226,300*	210,300*
50	54.0	65.8	213,300*	200,600*
55	48.6	61.4	185,600*	179,100
60	42.6	56.1	160,900*	157,400
65	35.8	49.4	134,300*	134,300*
70	27.4	40.5	110,400*	110,400*

80 Ft. Boom

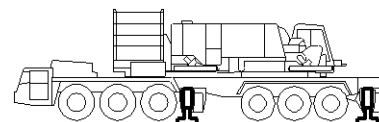
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
20	82.4	89.8	526,200*	526,200*
21	81.7	89.6	523,400*	523,400*
22	80.9	89.4	520,800*	514,000*
23	80.2	89.2	518,300*	491,900*
24	79.5	89.0	501,600*	468,000*
25	78.7	88.7	482,500*	446,300*
26	78.0	88.5	464,700*	426,400*
27	77.3	88.2	448,100*	408,100*
28	76.5	88.0	432,700*	391,300*
29	75.8	87.7	418,200*	375,700*
30	75.0	87.4	404,000*	361,300*
32	73.5	86.7	375,200*	335,400*
34	72.0	86.0	350,000*	312,700*
36	70.5	85.3	327,800*	292,800*
38	68.9	84.5	308,100*	275,100*
40	67.3	83.6	290,600*	259,300*
42	65.8	82.6	274,800*	245,000*
44	64.2	81.6	260,500*	232,200*
46	62.5	80.5	247,100*	220,500*
48	60.9	79.3	232,400*	209,900*
50	59.2	78.1	219,300*	200,100*
55	54.8	74.5	191,200*	178,900*
60	50.2	70.4	168,400*	157,500
65	45.1	65.5	149,400*	139,900
70	39.6	59.6	132,000*	125,300
75	33.3	52.3	111,800*	111,800*
80	25.4	42.6	93,000*	93,000*

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



90 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
21	82.6	99.7	498,400*	498,400*
22	81.9	99.6	495,300*	495,300*
23	81.3	99.4	492,400*	491,500*
24	80.6	99.2	489,600*	467,700*
25	80.0	99.0	482,000*	445,900*
26	79.3	98.8	464,300*	426,100*
27	78.7	98.5	447,700*	407,800*
28	78.0	98.3	432,300*	391,000*
29	77.4	98.0	417,800*	375,400*
30	76.7	97.8	403,700*	361,000*
32	75.4	97.2	374,800*	335,000*
34	74.1	96.6	349,700*	312,400*
36	72.7	95.9	327,500*	292,500*
38	71.4	95.2	307,800*	274,800*
40	70.0	94.4	290,300*	259,000*
42	68.6	93.6	274,500*	244,700*
44	67.2	92.7	260,200*	231,900*
46	65.8	91.8	247,200*	220,200*
48	64.4	90.8	235,400*	209,600*
50	63.0	89.7	224,600*	199,800*
55	59.3	86.7	196,200*	178,700*
60	55.4	83.3	173,100*	157,600
65	51.3	79.3	153,900*	140,000
70	47.0	74.7	137,800*	125,400
75	42.3	69.3	124,000*	113,300
80	37.1	62.9	111,000*	103,000
85	31.2	55.0	94,900*	94,200

100 Ft. Boom

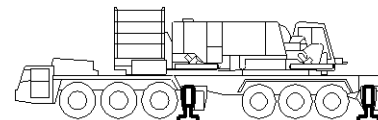
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
22	82.8	109.7	479,100*	479,100*
23	82.2	109.5	476,100*	476,100*
24	81.6	109.4	473,200*	466,900*
25	81.0	109.2	470,500*	445,200*
26	80.4	109.0	463,500*	425,300*
27	79.8	108.8	446,900*	407,100*
28	79.3	108.6	431,500*	390,200*
29	78.7	108.3	417,000*	374,700*
30	78.1	108.1	402,900*	360,200*
32	76.9	107.6	374,100*	334,300*
34	75.7	107.0	349,000*	311,700*
36	74.5	106.5	326,800*	291,700*
38	73.3	105.8	307,100*	274,000*
40	72.1	105.1	289,500*	258,200*
42	70.9	104.4	273,800*	244,000*
44	69.7	103.6	259,500*	231,200*
46	68.4	102.8	246,500*	219,500*
48	67.2	101.9	234,700*	208,900*
50	65.9	100.9	223,800*	199,100*
55	62.7	98.4	200,100*	178,000*
60	59.3	95.4	176,600*	157,300
65	55.9	92.0	157,200*	139,800
70	52.3	88.2	141,000*	125,200
75	48.5	83.8	127,100*	113,000
80	44.4	78.7	115,100*	102,700
85	40.0	72.9	104,500*	93,900
90	35.1	66.0	94,300*	86,200
95	29.5	57.5	81,200*	79,500

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



110 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
23	82.9	119.7	443,800*	443,800*
24	82.4	119.5	440,800*	440,800*
25	81.8	119.3	437,900*	437,900*
26	81.3	119.2	435,100*	424,800*
27	80.8	119.0	432,400*	406,500*
28	80.3	118.8	429,800*	389,700*
29	79.7	118.6	416,500*	374,100*
30	79.2	118.4	402,400*	359,700*
32	78.1	117.9	373,600*	333,800*
34	77.0	117.4	348,400*	311,100*
36	76.0	116.9	326,300*	291,200*
38	74.9	116.3	306,600*	273,500*
40	73.8	115.7	289,000*	257,700*
42	72.7	115.0	273,200*	243,500*
44	71.6	114.3	259,000*	230,700*
46	70.5	113.6	246,000*	219,000*
48	69.4	112.8	234,200*	208,400*
50	68.2	111.9	223,300*	198,600*
55	65.4	109.6	199,900*	177,500*
60	62.4	107.0	179,900*	157,200
65	59.4	104.1	160,300*	139,600
70	56.3	100.7	143,800*	125,000
75	53.0	97.0	129,800*	112,900
80	49.6	92.7	117,700*	102,600
85	46.0	88.0	107,100*	93,700
90	42.2	82.5	97,800*	86,100
95	38.0	76.3	89,400*	79,400
100	33.3	68.9	81,100*	73,400
105	28.0	59.9	70,200*	68,100

120 Ft. Boom

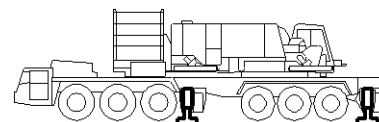
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
24	83.0	129.6	430,000*	430,000*
25	82.5	129.5	427,300*	427,300*
26	82.0	129.3	424,600*	424,000*
27	81.6	129.1	422,100*	405,700*
28	81.1	129.0	419,700*	388,900*
29	80.6	128.8	415,600*	373,300*
30	80.1	128.6	401,600*	358,900*
32	79.1	128.2	372,800*	332,900*
34	78.1	127.7	347,600*	310,300*
36	77.2	127.2	325,400*	290,400*
38	76.2	126.7	305,800*	272,700*
40	75.2	126.1	288,200*	256,900*
42	74.2	125.5	272,400*	242,700*
44	73.2	124.9	258,100*	229,800*
46	72.2	124.2	245,200*	218,200*
48	71.2	123.5	233,300*	207,500*
50	70.1	122.7	222,500*	197,800*
55	67.6	120.7	199,000*	176,700*
60	64.9	118.3	179,600*	156,800
65	62.2	115.7	162,500*	139,300
70	59.5	112.7	145,800*	124,600
75	56.6	109.4	131,700*	112,500
80	53.6	105.8	119,500*	102,100
85	50.6	101.7	108,900*	93,300
90	47.3	97.1	99,500*	85,600
95	43.9	92.0	91,200*	78,900
100	40.2	86.1	83,800*	73,000
105	36.2	79.5	77,000*	67,700
110	31.8	71.7	69,900*	63,000
115	26.7	62.2	60,700*	58,700

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



130 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
26	82.7	139.4	404,300*	404,300*
27	82.2	139.3	401,600*	401,600*
28	81.8	139.1	399,100*	388,500*
29	81.3	138.9	396,600*	373,000*
30	80.9	138.7	394,100*	358,600*
32	80.0	138.4	372,400*	332,600*
34	79.1	137.9	347,300*	310,000*
36	78.2	137.5	325,100*	290,100*
38	77.3	137.0	305,500*	272,400*
40	76.4	136.5	287,900*	256,600*
42	75.4	136.0	272,100*	242,400*
44	74.5	135.4	257,800*	229,500*
46	73.6	134.7	244,900*	217,900*
48	72.7	134.1	233,100*	207,300*
50	71.7	133.4	222,200*	197,500*
55	69.4	131.5	198,800*	176,400*
60	67.0	129.4	179,400*	156,800
65	64.5	127.0	163,100*	139,300
70	62.1	124.3	148,200*	124,600
75	59.5	121.4	133,900*	112,400
80	56.9	118.1	121,600*	102,100
85	54.2	114.5	110,900*	93,300
90	51.3	110.5	101,500*	85,600
95	48.4	106.1	93,200*	78,900
100	45.3	101.2	85,800*	73,000
105	42.0	95.7	79,000*	67,700
110	38.5	89.6	72,900*	63,000
115	34.7	82.5	67,300*	58,700
120	30.5	74.3	61,300*	54,800
125	25.6	64.4	53,300*	51,300

140 Ft. Boom

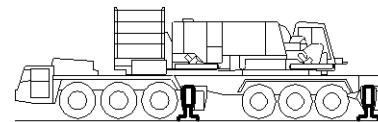
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
27	82.8	149.4	388,500*	388,500*
28	82.4	149.2	386,200*	386,200*
29	81.9	149.1	383,900*	372,100*
30	81.5	148.9	381,600*	357,700*
32	80.7	148.5	371,600*	331,800*
34	79.9	148.2	346,400*	309,100*
36	79.0	147.7	324,200*	289,200*
38	78.2	147.3	304,600*	271,500*
40	77.4	146.8	287,000*	255,700*
42	76.5	146.3	271,200*	241,500*
44	75.7	145.8	257,000*	228,700*
46	74.8	145.2	244,000*	217,000*
48	74.0	144.6	232,200*	206,400*
50	73.1	144.0	221,400*	196,600*
55	70.9	142.2	197,900*	175,500*
60	68.7	140.3	178,500*	156,400
65	66.5	138.1	162,200*	138,800
70	64.2	135.7	148,300*	124,200
75	61.9	133.0	135,400*	111,900
80	59.5	130.0	123,000*	101,600
85	57.1	126.8	112,200*	92,800
90	54.6	123.3	102,700*	85,100
95	52.0	119.4	94,300*	78,400
100	49.3	115.1	86,800*	72,400
105	46.5	110.4	80,100*	67,200
110	43.5	105.2	74,000*	62,400
115	40.4	99.4	68,400*	58,200
120	37.0	92.9	63,300*	54,300
125	33.4	85.5	58,600*	50,800
130	29.3	76.9	53,200*	47,600

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



150 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
28	82.9	159.3	356,600*	356,600*
29	82.5	159.2	354,400*	354,400*
30	82.1	159.0	352,200*	352,200*
32	81.3	158.7	348,000*	330,600*
34	80.6	158.3	344,100*	307,900*
36	79.8	158.0	323,100*	288,000*
38	79.0	157.5	303,400*	270,300*
40	78.2	157.1	285,800*	254,500*
42	77.4	156.6	270,000*	240,300*
44	76.6	156.1	255,800*	227,500*
46	75.8	155.6	242,800*	215,800*
48	75.1	155.0	231,000*	205,200*
50	74.3	154.4	220,200*	195,500*
55	72.3	152.8	196,700*	174,300*
60	70.2	151.0	177,300*	155,600
65	68.2	149.0	161,000*	138,000
70	66.1	146.8	147,100*	123,400
75	63.9	144.3	135,200*	111,200
80	61.8	141.6	123,800*	100,800
85	59.6	138.7	112,900*	92,000
90	57.3	135.5	103,300*	84,300
95	55.0	132.0	94,900*	77,500
100	52.6	128.2	87,300*	71,600
105	50.1	124.0	80,600*	66,300
110	47.5	119.5	74,500*	61,600
115	44.8	114.5	68,900*	57,300
120	42.0	109.0	63,800*	53,500
125	38.9	102.9	59,100*	50,000
130	35.7	96.0	54,800*	46,800
135	32.2	88.3	50,700*	43,800
140	28.3	79.3	46,000*	41,100

160 Ft. Boom

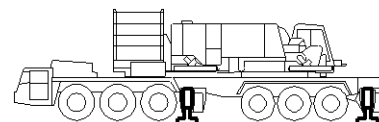
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
29	83.0	169.3	345,100*	345,100*
30	82.6	169.1	343,100*	343,100*
32	81.9	168.8	339,400*	329,700*
34	81.1	168.5	335,800*	307,000*
36	80.4	168.1	318,600*	287,100*
38	79.7	167.8	298,500*	269,400*
40	79.0	167.3	280,800*	253,600*
42	78.2	166.9	265,100*	239,400*
44	77.5	166.4	251,100*	226,500*
46	76.8	165.9	238,500*	214,900*
48	76.0	165.4	227,100*	204,300*
50	75.3	164.9	216,700*	194,500*
55	73.4	163.4	194,400*	173,400*
60	71.5	161.7	176,000*	155,100
65	69.6	159.8	160,100*	137,500
70	67.7	157.7	146,200*	122,900
75	65.7	155.5	134,200*	110,600
80	63.7	153.0	123,800*	100,300
85	61.7	150.3	113,600*	91,400
90	59.6	147.4	104,000*	83,700
95	57.5	144.2	95,500*	76,900
100	55.3	140.7	87,900*	71,000
105	53.1	137.0	81,100*	65,700
110	50.7	132.9	74,900*	61,000
115	48.4	128.5	69,400*	56,700
120	45.9	123.7	64,300*	52,900
125	43.3	118.4	59,700*	49,400
130	40.5	112.6	55,400*	46,100
135	37.6	106.2	51,400*	43,200
140	34.5	99.1	47,600*	40,500
145	31.1	91.0	44,100*	37,900
150	27.3	81.7	39,800*	35,600

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



170 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
30	83.0	179.3	325,200*	325,200*
32	82.4	179.0	321,500*	321,500*
34	81.7	178.6	318,000*	306,400*
36	81.0	178.3	314,400*	286,500*
38	80.3	177.9	294,400*	268,800*
40	79.6	177.5	276,900*	253,000*
42	78.9	177.1	261,300*	238,800*
44	78.2	176.7	247,400*	225,900*
46	77.5	176.2	234,900*	214,300*
48	76.9	175.7	223,600*	203,700*
50	76.2	175.2	213,300*	193,900*
55	74.4	173.8	191,200*	172,800*
60	72.6	172.2	173,100*	154,800
65	70.9	170.5	158,000*	137,100
70	69.1	168.6	145,100*	122,500
75	67.2	166.5	133,600*	110,200
80	65.4	164.2	123,200*	99,900
85	63.5	161.7	113,500	91,000
90	61.6	159.0	104,400	83,300
95	59.6	156.0	96,400*	76,600
100	57.6	152.9	88,700*	70,600
105	55.6	149.4	81,900*	65,300
110	53.5	145.8	75,700*	60,600
115	51.3	141.8	70,100*	56,300
120	49.1	137.5	65,000*	52,500
125	46.8	132.8	60,400*	49,000
130	44.4	127.7	56,100*	45,800
135	41.9	122.2	52,100*	42,800
140	39.2	116.1	48,400*	40,100
145	36.4	109.5	45,000*	37,600
150	33.4	102.1	41,700*	35,300
155	30.1	93.7	38,600*	33,100
160	26.5	84.0	34,700*	31,100

180 Ft. Boom

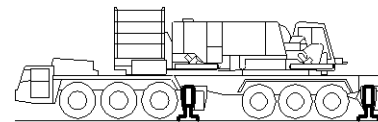
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
32	82.8	189.1	312,300*	312,300*
34	82.1	188.8	309,200*	305,500*
36	81.5	188.4	306,200*	285,600*
38	80.9	188.1	289,600*	267,900*
40	80.2	187.7	272,200*	252,100*
42	79.6	187.3	256,800*	237,800*
44	78.9	186.9	243,000*	225,000*
46	78.3	186.5	230,700*	213,300*
48	77.6	186.0	219,500*	202,700*
50	76.9	185.5	209,300*	193,000*
55	75.3	184.2	187,600*	171,900*
60	73.6	182.7	169,800*	154,300
65	72.0	181.1	154,900*	136,600
70	70.3	179.3	142,200*	122,000
75	68.6	177.3	131,300*	109,700
80	66.8	175.2	121,700*	99,300
85	65.1	172.9	112,900	90,400
90	63.3	170.3	103,800	82,700
95	61.5	167.6	95,800	75,900
100	59.6	164.7	88,700	70,000
105	57.8	161.5	82,100*	64,700
110	55.8	158.2	75,900*	60,000
115	53.9	154.5	70,300*	55,700
120	51.8	150.6	65,200*	51,800
125	49.8	146.4	60,500*	48,300
130	47.6	141.8	56,200*	45,100
135	45.4	136.9	52,300*	42,200
140	43.1	131.6	48,600*	39,400
145	40.6	125.9	45,200*	36,900
150	38.1	119.6	42,000*	34,600
155	35.4	112.6	38,900*	32,400
160	32.4	104.9	36,100*	30,400
165	29.2	96.2	33,400*	28,500
170	25.7	86.2	29,700*	26,700

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



190 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
34	82.6	198.9	283,600*	283,600*
36	81.9	198.6	280,700*	280,700*
38	81.3	198.3	278,000*	267,100*
40	80.7	197.9	269,000*	251,300*
42	80.1	197.5	253,600*	237,000*
44	79.5	197.1	239,900*	224,200*
46	78.9	196.7	227,600*	212,500*
48	78.3	196.3	216,400*	201,900*
50	77.6	195.8	206,300*	192,200*
55	76.1	194.6	184,600*	171,100*
60	74.5	193.2	167,000*	153,600*
65	72.9	191.7	152,200*	136,100
70	71.4	190.0	139,700*	121,500
75	69.7	188.1	128,900*	109,200
80	68.1	186.1	119,500*	98,800
85	66.5	183.9	111,200*	89,900
90	64.8	181.6	103,200	82,100
95	63.1	179.0	95,200	75,400
100	61.4	176.3	88,200	69,400
105	59.7	173.4	81,900	64,100
110	57.9	170.2	76,200	59,400
115	56.1	166.9	70,600*	55,100
120	54.2	163.3	65,500*	51,300
125	52.3	159.4	60,800*	47,700
130	50.3	155.3	56,500*	44,500
135	48.3	150.8	52,500*	41,600
140	46.2	146.1	48,800*	38,900
145	44.1	141.0	45,400*	36,400
150	41.8	135.4	42,200*	34,000
155	39.5	129.4	39,200*	31,900
160	37.0	122.9	36,400*	29,900
165	34.4	115.7	33,700*	28,000
170	31.5	107.7	31,200*	26,200
175	28.4	98.7	28,800*	24,500

200 Ft. Boom

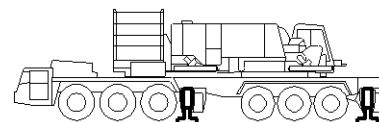
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
34	82.9	209.0	274,800*	274,800*
36	82.4	208.7	272,300*	272,300*
38	81.8	208.4	269,900*	266,100*
40	81.2	208.1	264,900*	250,300*
42	80.6	207.7	249,600*	236,100*
44	80.0	207.3	236,000*	223,300*
46	79.4	206.9	223,800*	211,600*
48	78.9	206.5	212,800*	201,000*
50	78.3	206.1	202,800*	191,200*
55	76.8	204.9	181,400*	170,100*
60	75.3	203.6	163,900*	152,700*
65	73.8	202.1	149,300*	135,500
70	72.3	200.5	136,900*	120,900
75	70.8	198.8	126,300*	108,600
80	69.3	196.9	117,000*	98,200
85	67.7	194.8	108,900*	89,200
90	66.2	192.6	101,600*	81,500
95	64.6	190.2	94,600	74,700
100	63.0	187.7	87,500	68,800
105	61.3	184.9	81,200	63,500
110	59.7	182.0	75,600	58,700
115	58.0	178.9	70,400	54,400
120	56.3	175.6	65,500*	50,600
125	54.5	172.0	60,800*	47,100
130	52.7	168.2	56,400*	43,800
135	50.9	164.1	52,400*	40,900
140	49.0	159.8	48,700*	38,200
145	47.0	155.2	45,300*	35,700
150	45.0	150.2	42,100*	33,300
155	42.9	144.9	39,100*	31,200
160	40.7	139.1	36,300*	29,200
165	38.4	132.9	33,700*	27,300
170	36.0	126.1	31,200*	25,500
175	33.4	118.6	28,900*	23,800
180	30.7	110.4	26,600*	22,300
185	27.7	101.1	24,400*	20,800

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

Meets
ANSI B30.5
Requirements

2250T



210 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
36	82.7	218.8	257,900*	257,900*
38	82.2	218.5	255,600*	255,600*
40	81.6	218.2	253,400*	250,100*
42	81.1	217.9	247,700*	235,900*
44	80.5	217.5	234,000*	223,100*
46	80.0	217.1	221,800*	211,400*
48	79.4	216.7	210,800*	200,800*
50	78.8	216.3	200,800*	191,000*
55	77.4	215.2	179,500*	169,900*
60	76.0	213.9	162,100*	152,500*
65	74.6	212.6	147,600*	135,500
70	73.2	211.0	135,400*	120,900
75	71.8	209.4	124,800*	108,500
80	70.3	207.6	115,600*	98,100
85	68.8	205.7	107,500*	89,200
90	67.4	203.6	100,400*	81,400
95	65.9	201.3	93,900*	74,700
100	64.4	198.9	87,400	68,700
105	62.8	196.3	81,200	63,400
110	61.3	193.6	75,500	58,700
115	59.7	190.7	70,400	54,400
120	58.1	187.6	65,700	50,500
125	56.4	184.3	61,500	47,000
130	54.8	180.7	57,200*	43,800
135	53.1	177.0	53,200*	40,800
140	51.3	173.0	49,500*	38,100
145	49.5	168.7	46,000*	35,600
150	47.7	164.2	42,800*	33,300
155	45.8	159.4	39,900*	31,100
160	43.8	154.2	37,100*	29,100
165	41.8	148.6	34,400*	27,200
170	39.7	142.7	32,000*	25,500
175	37.4	136.2	29,600*	23,800
180	35.1	129.2	27,400*	22,300
185	32.6	121.5	25,300*	20,800
190	29.9	113.0	23,300*	19,400
195	27.0	103.5	21,300*	18,100

220 Ft. Boom

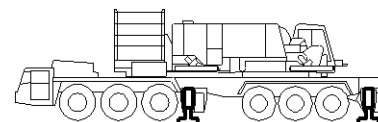
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
38	82.5	228.6	247,000*	247,000*
40	82.0	228.3	245,100*	245,100*
42	81.5	228.0	243,200*	235,000*
44	80.9	227.7	230,600*	222,100*
46	80.4	227.3	218,500*	210,500*
48	79.9	226.9	207,600*	199,800*
50	79.4	226.5	197,700*	190,100*
55	78.0	225.5	176,500*	169,000*
60	76.7	224.3	159,200*	151,500*
65	75.3	223.0	144,900*	134,900
70	74.0	221.5	132,800*	120,300
75	72.6	219.9	122,300*	108,000
80	71.2	218.2	113,300*	97,500
85	69.9	216.4	105,300*	88,600
90	68.5	214.4	98,200*	80,800
95	67.0	212.3	91,800*	74,100
100	65.6	210.0	86,100*	68,100
105	64.2	207.6	80,500	62,800
110	62.7	205.0	74,800	58,000
115	61.2	202.3	69,700	53,700
120	59.7	199.3	65,100	49,800
125	58.2	196.2	60,800	46,300
130	56.6	192.9	57,000	43,100
135	55.0	189.5	53,000*	40,100
140	53.4	185.7	49,300*	37,400
145	51.7	181.8	45,800*	34,900
150	50.1	177.6	42,600*	32,600
155	48.3	173.2	39,600*	30,400
160	46.5	168.5	36,800*	28,400
165	44.7	163.5	34,200*	26,500
170	42.8	158.1	31,800*	24,800
175	40.8	152.3	29,400*	23,100
180	38.7	146.2	27,200*	21,600
185	36.5	139.5	25,100*	20,100
190	34.2	132.3	23,200*	18,700
195	31.8	124.3	21,200*	17,400
200	29.2	115.6	19,400*	16,100
205	26.3	105.8	17,600*	14,900

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



230 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
38	82.9	238.7	225,900*	225,900*
40	82.4	238.4	219,700*	219,700*
42	81.8	238.1	213,700*	213,700*
44	81.3	237.8	207,900*	207,900*
46	80.8	237.5	202,300*	202,300*
48	80.3	237.1	196,800*	196,800*
50	79.8	236.7	191,600*	189,300*
55	78.6	235.7	174,300*	168,100*
60	77.3	234.6	157,100*	150,700*
65	76.0	233.3	142,800*	134,400
70	74.7	231.9	130,700*	119,800
75	73.4	230.4	120,300*	107,400
80	72.1	228.8	111,300*	96,900
85	70.8	227.1	103,400*	88,000
90	69.4	225.2	96,400*	80,200
95	68.1	223.2	90,100*	73,400
100	66.7	221.0	84,500*	67,500
105	65.4	218.7	79,300*	62,100
110	64.0	216.3	74,200	57,400
115	62.6	213.7	69,100	53,100
120	61.2	210.9	64,400	49,200
125	59.7	208.0	60,200	45,700
130	58.3	204.9	56,400	42,500
135	56.8	201.6	52,800	39,500
140	55.2	198.2	49,200*	36,800
145	53.7	194.5	45,700*	34,300
150	52.1	190.6	42,500*	32,000
155	50.5	186.5	39,500*	29,800
160	48.9	182.2	36,700*	27,800
165	47.2	177.5	34,100*	25,900
170	45.4	172.6	31,600*	24,100
175	43.6	167.4	29,300*	22,500
180	41.8	161.9	27,100*	20,900
185	39.8	155.9	25,000*	19,500
190	37.8	149.6	23,100*	18,100
195	35.7	142.7	21,200*	16,800
200	33.5	135.2	19,400*	15,500
205	31.1	127.1	17,600*	14,300
210	28.5	118.1	16,000*	13,200
215	25.7	108.0	14,300*	12,100

240 Ft. Boom

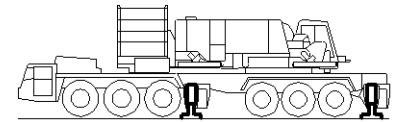
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
40	82.7	248.5	210,500*	210,500*
42	82.2	248.2	204,800*	204,800*
44	81.7	247.9	199,300*	199,300*
46	81.2	247.6	194,000*	194,000*
48	80.7	247.3	188,800*	188,800*
50	80.3	246.9	183,800*	183,800*
55	79.0	245.9	171,900*	167,200*
60	77.8	244.8	155,100*	149,700*
65	76.6	243.6	140,800*	133,800
70	75.4	242.3	128,700*	119,200
75	74.1	240.9	118,400*	106,800
80	72.9	239.3	109,400*	96,300
85	71.6	237.7	101,500*	87,400
90	70.3	235.9	94,500*	79,600
95	69.1	234.0	88,300*	72,800
100	67.8	231.9	82,700*	66,800
105	66.5	229.7	77,600*	61,500
110	65.2	227.4	73,000*	56,700
115	63.8	225.0	68,400	52,400
120	62.5	222.3	63,800	48,500
125	61.1	219.6	59,500	45,000
130	59.7	216.7	55,700	41,800
135	58.3	213.6	52,100	38,800
140	56.9	210.3	48,900	36,100
145	55.5	206.9	45,500*	33,600
150	54.0	203.3	42,200*	31,200
155	52.5	199.4	39,200*	29,100
160	50.9	195.4	36,400*	27,100
165	49.4	191.1	33,800*	25,200
170	47.8	186.6	31,300*	23,400
175	46.1	181.8	29,000*	21,800
180	44.4	176.7	26,800*	20,200
185	42.6	171.3	24,700*	18,700
190	40.8	165.6	22,700*	17,300
195	38.9	159.4	20,900*	16,000
200	37.0	152.9	19,100*	14,800
205	34.9	145.8	17,400*	13,600
210	32.7	138.1	15,700*	12,500
215	30.4	129.8	14,200*	11,400
220	27.9	120.5	12,600*	10,400
225	25.1	110.2	11,100*	9,400

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



250 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
40	83.0	258.6	202,000*	202,000*
42	82.5	258.3	196,700*	196,700*
44	82.0	258.0	191,500*	191,500*
46	81.6	257.7	186,500*	186,500*
48	81.1	257.4	181,600*	181,600*
50	80.6	257.1	176,800*	176,800*
55	79.5	256.1	165,400*	165,400*
60	78.3	255.1	153,200*	149,500*
65	77.1	253.9	139,000*	133,600
70	76.0	252.7	127,000*	119,000
75	74.8	251.3	116,700*	106,600
80	73.6	249.8	107,800*	96,100
85	72.4	248.2	100,000*	87,200
90	71.2	246.5	93,100*	79,400
95	69.9	244.7	87,000*	72,600
100	68.7	242.7	81,400*	66,600
105	67.5	240.7	76,400*	61,300
110	66.2	238.4	71,800*	56,500
115	64.9	236.1	67,600*	52,200
120	63.7	233.6	63,500	48,300
125	62.4	231.0	59,300	44,800
130	61.1	228.2	55,500	41,600
135	59.7	225.3	51,900	38,600
140	58.4	222.2	48,700	35,900
145	57.0	219.0	45,700	33,400
150	55.6	215.6	42,500*	31,000
155	54.2	212.0	39,500*	28,900
160	52.8	208.2	36,700*	26,900
165	51.3	204.2	34,100*	25,000
170	49.8	200.0	31,600*	23,200
175	48.3	195.6	29,300*	21,600
180	46.7	190.9	27,100*	20,000
185	45.1	185.9	25,000*	18,500
190	43.4	180.7	23,000*	17,200
195	41.7	175.1	21,200*	15,800
200	40.0	169.2	19,400*	14,600
205	38.1	162.9	17,700*	13,400
210	36.2	156.1	16,100*	12,300
215	34.2	148.8	14,600*	11,200
220	32.0	141.0	13,100*	10,200
225	29.7	132.4	11,600*	9,300
230	27.3	122.9	10,200*	8,300

260 Ft. Boom

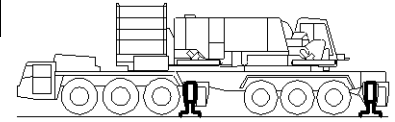
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
42	82.8	268.4	188,000*	188,000*
44	82.4	268.2	183,200*	183,200*
46	81.9	267.9	178,400*	178,400*
48	81.5	267.5	173,800*	173,800*
50	81.0	267.2	169,200*	169,200*
55	79.9	266.3	158,400*	158,400*
60	78.8	265.3	148,300*	148,300*
65	77.6	264.2	136,700*	133,100
70	76.5	263.0	124,700*	118,500
75	75.4	261.7	114,500*	106,100
80	74.2	260.3	105,700*	95,600
85	73.1	258.7	98,000*	86,600
90	71.9	257.1	91,100*	78,800
95	70.7	255.3	85,000*	72,000
100	69.6	253.5	79,500*	66,000
105	68.4	251.5	74,600*	60,600
110	67.2	249.4	70,000*	55,800
115	66.0	247.2	65,900*	51,500
120	64.8	244.8	62,100*	47,700
125	63.5	242.3	58,600*	44,100
130	62.3	239.7	54,800	40,900
135	61.0	236.9	51,200	37,900
140	59.8	234.0	48,000	35,200
145	58.5	230.9	45,000	32,700
150	57.1	227.7	42,200*	30,300
155	55.8	224.3	39,100*	28,200
160	54.5	220.7	36,300*	26,200
165	53.1	217.0	33,600*	24,300
170	51.7	213.0	31,200*	22,500
175	50.2	208.9	28,800*	20,800
180	48.8	204.5	26,600*	19,300
185	47.3	199.9	24,600*	17,800
190	45.8	195.1	22,600*	16,400
195	44.2	190.0	20,800*	15,100
200	42.6	184.5	19,000*	13,900
205	40.9	178.8	17,300*	12,700
210	39.1	172.7	15,700*	11,600
215	37.3	166.2	14,200*	10,500
220	35.4	159.3	12,700*	9,500
225	33.5	151.8	11,300*	8,500
230	31.4	143.7	9,900*	7,600
235	29.1	134.9	8,600*	6,700
240	26.7	125.3	7,300*	5,900

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

**Meets
ANSI B30.5
Requirements**

2250T



270 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
44	82.6	278.3	164,000*	164,000*
46	82.2	278.0	160,200*	160,200*
48	81.8	277.7	156,500*	156,500*
50	81.3	277.3	152,800*	152,800*
55	80.3	276.5	144,000*	144,000*
60	79.2	275.5	135,600*	135,600*
65	78.1	274.5	127,700*	127,700*
70	77.0	273.3	120,400*	119,100
75	75.9	272.0	113,400*	106,700
80	74.8	270.7	105,700*	96,200
85	73.7	269.2	97,900*	87,200
90	72.6	267.6	91,100*	79,400
95	71.5	266.0	85,000*	72,600
100	70.4	264.2	79,500*	66,600
105	69.2	262.3	74,600*	61,300
110	68.1	260.2	70,100*	56,500
115	66.9	258.1	66,000*	52,200
120	65.8	255.9	62,200*	48,300
125	64.6	253.5	58,700*	44,700
130	63.4	251.0	55,400	41,500
135	62.2	248.3	51,900	38,500
140	61.0	245.6	48,600	35,800
145	59.8	242.6	45,600	33,300
150	58.5	239.6	42,800	31,000
155	57.3	236.4	40,200	28,800
160	56.0	233.0	37,600*	26,800
165	54.7	229.5	34,900*	24,900
170	53.4	225.7	32,400*	23,100
175	52.0	221.8	30,100*	21,500
180	50.6	217.8	27,900*	19,900
185	49.2	213.5	25,800*	18,500
190	47.8	208.9	23,800*	17,100
195	46.3	204.2	21,900*	15,800
200	44.8	199.2	20,200*	14,500
205	43.3	193.9	18,500*	13,300
210	41.7	188.3	16,900*	12,200
215	40.1	182.4	15,400*	11,200
220	38.4	176.2	13,900*	10,200
225	36.6	169.5	12,500*	9,200
230	34.8	162.4	11,100*	8,300
235	32.8	154.7	9,800*	7,400
240	30.8	146.5	8,500*	6,500
245	28.6	137.5	6,800*	5,700
250	26.2	127.5	5,000*	4,900

280 Ft. Boom

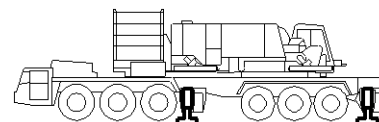
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight	123,200 Lb. Counterweight
			Boom Capacity Pounds	Boom Capacity Pounds
44	82.9	288.4	154,400*	154,400*
46	82.5	288.1	152,600*	152,600*
48	82.1	287.8	148,700*	148,700*
50	81.7	287.5	146,300*	146,300*
55	80.6	286.6	143,400*	143,400*
60	79.6	285.7	140,300*	140,300*
65	78.5	284.7	135,400*	134,200
70	77.5	283.6	123,500*	119,500
75	76.4	282.4	113,300*	107,000
80	75.4	281.1	104,500*	96,500
85	74.3	279.6	96,800*	87,400
90	73.2	278.1	90,000*	79,600
95	72.2	276.5	83,900*	72,700
100	71.1	274.8	78,400*	66,700
105	70.0	273.0	73,500*	61,300
110	68.9	271.0	69,100*	56,500
115	67.8	269.0	65,000*	52,200
120	66.7	266.8	61,200*	48,300
125	65.6	264.6	57,800*	44,700
130	64.4	262.2	54,500*	41,500
135	63.3	259.6	51,600*	38,500
140	62.1	257.0	48,500	35,700
145	61.0	254.2	45,500	33,200
150	59.8	251.3	42,700	30,900
155	58.6	248.3	40,100	28,700
160	57.4	245.1	37,700	26,600
165	56.1	241.7	35,000*	24,800
170	54.9	238.2	32,500*	23,000
175	53.6	234.5	30,200*	21,300
180	52.3	230.6	27,900*	19,700
185	51.0	226.6	25,900*	18,300
190	49.7	222.4	23,900*	16,900
195	48.3	217.9	22,000*	15,600
200	46.9	213.3	20,200*	14,300
205	45.5	208.4	18,500*	13,100
210	44.0	203.2	16,900*	12,000
215	42.5	197.8	15,400*	10,900
220	40.9	192.0	13,900*	9,900
225	39.3	186.0	12,500*	8,900
230	37.6	179.5	11,200*	8,000
235	35.9	172.7	9,900*	7,100
240	34.1	165.4	8,700*	6,300
245	32.2	157.6	7,500*	5,500
250	30.2	149.1	6,300*	4,700
255	28.0	139.9	5,200*	4,400
260	25.7	129.8	4,000*	

Liftcrane Boom Capacities

Boom No. 44A With Heavy Lift Top
177,600 Lb. and 123,200 Lb. Counterweight
360 Degree Rating
On Extended Outriggers

Meets
ANSI B30.5
Requirements

2250T



290 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight
			Boom Capacity Pounds
46	82.7	298.2	142,600*
48	82.3	297.9	142,100*
50	81.9	297.6	141,700*
55	80.9	296.8	140,500*
60	79.9	295.9	137,400*
65	78.9	294.9	132,800*
70	77.9	293.8	123,000*
75	76.9	292.7	112,800*
80	75.9	291.4	103,900*
85	74.9	290.0	96,200*
90	73.8	288.6	89,300*
95	72.8	287.0	83,300*
100	71.8	285.4	77,800*
105	70.7	283.6	72,900*
110	69.7	281.8	68,400*
115	68.6	279.8	64,400*
120	67.5	277.7	60,600*
125	66.5	275.6	57,200*
130	65.4	273.3	54,000*
135	64.3	270.9	51,000*
140	63.2	268.3	48,200*
145	62.0	265.7	45,400
150	60.9	262.9	42,600
155	59.8	260.0	40,000
160	58.6	256.9	37,600
165	57.4	253.7	35,300
170	56.3	250.4	32,900*
175	55.1	246.9	30,600*
180	53.8	243.2	28,300*
185	52.6	239.4	26,200*
190	51.3	235.4	24,300*
195	50.0	231.3	22,400*
200	48.7	226.9	20,600*
205	47.4	222.3	18,900*
210	46.0	217.5	17,300*
215	44.6	212.4	15,800*
220	43.2	207.1	14,300*
225	41.7	201.6	12,900*
230	40.2	195.7	11,600*
235	38.6	189.5	10,300*
240	37.0	182.9	9,100*
245	35.3	175.9	7,900*
250	33.5	168.4	6,700*
255	31.6	160.4	5,600*
260	29.6	151.7	4,500*

300 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	177,600 Lb. Counterweight
			Boom Capacity Pounds
46	83.0	308.3	133,600*
48	82.6	308.0	133,200*
50	82.2	307.7	132,800*
55	81.3	306.9	128,700*
60	80.3	306.1	124,100*
65	79.3	305.1	119,900*
70	78.3	304.1	116,100*
75	77.4	302.9	110,800*
80	76.4	301.7	102,000*
85	75.4	300.4	94,300*
90	74.4	299.0	87,500*
95	73.4	297.5	81,500*
100	72.4	295.9	76,100*
105	71.4	294.2	71,200*
110	70.4	292.5	66,800*
115	69.4	290.6	62,700*
120	68.3	288.6	59,000*
125	67.3	286.5	55,600*
130	66.2	284.3	52,400*
135	65.2	282.0	49,500*
140	64.1	279.5	46,700*
145	63.1	277.0	44,200*
150	62.0	274.3	41,800*
155	60.9	271.5	38,900*
160	59.8	268.6	36,000*
165	58.7	265.6	33,300*
170	57.5	262.4	30,700*
175	56.4	259.1	28,300*
180	55.2	255.6	26,100*
185	54.0	252.0	24,000*
190	52.8	248.2	22,100*
195	51.6	244.3	20,200*
200	50.4	240.1	18,500*
205	49.1	235.8	16,900*
210	47.8	231.3	15,300*
215	46.5	226.6	13,900*
220	45.2	221.6	12,600*
225	43.8	216.4	11,300*
230	42.4	211.0	10,100*
235	40.9	205.3	9,000*
240	39.5	199.2	7,900*
245	37.9	192.9	6,900*
250	36.3	186.1	5,900*
255	34.6	179.0	5,000*
260	32.9	171.3	4,000*