



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Long Reach Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody 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.

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. Refer to boom rigging **No. 172842** or **No. 192054**, Wire Rope Specification chart **No. 7581-B**, and Counterweight Arrangement chart **No. 7692-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. 8032-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, four 1½ in. boom pendants or boom support straps, 207,000 Lb. crane counterweight and two 30,000 Lb. carbody counterweights.

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.



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Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Crawlers		Maximum Boom and Jib Lengths Lifted Unassisted Over Rear of Blocked Crawlers		Maximum Boom and Jib Lengths Lifted Unassisted Over Side of Crawlers	
Boom Length	Jib No. 132	Boom Length	Jib No. 132		
330 Ft.	---	330 Ft.	---	330 Ft.	---
320 Ft.	---	320 Ft.	---	320 Ft.	---
310 Ft.	---	310 Ft.	---	310 Ft.	---
300 Ft.	---	300 Ft.	---	300 Ft.	---
290 Ft.	---	290 Ft.	---	290 Ft.	---
280 Ft.	60 Ft.	280 Ft.	60 Ft.	280 Ft.	60 Ft.
270 Ft.	120 Ft.	270 Ft.	120 Ft.	270 Ft.	100 Ft.
				260 Ft.	120 Ft.

Load block, hook and weight ball on ground at start. Upper boom point cannot be used on 330 Ft. boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
190 Ft. BOOM			
32	82.7	196.3	210,000 *
34	82.1	196.0	210,000 *
36	81.5	195.7	210,000 *
38	80.8	195.4	210,000 *
40	80.2	195.0	210,000 *
42	79.6	194.7	210,000 *
44	79.0	194.3	210,000 *
46	78.4	193.9	205,700
48	77.8	193.4	193,600
50	77.2	193.0	182,800
55	75.6	191.7	160,000
60	74.0	190.3	141,900
65	72.5	188.8	127,200
70	70.9	187.1	114,900
75	69.3	185.2	104,700
80	67.6	183.2	95,900
85	66.0	181.0	88,300
90	64.3	178.7	81,600
95	62.6	176.1	75,800
100	60.9	173.4	70,600
105	59.2	170.5	66,000
110	57.4	167.3	61,800
115	55.6	164.0	58,100
120	53.7	160.4	54,600
125	51.8	156.5	51,500

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
190 Ft. BOOM			
130	49.8	152.4	48,700
135	47.8	148.0	46,100
140	45.8	143.2	43,600
145	43.6	138.1	41,400
150	41.3	132.5	39,300
155	39.0	126.5	37,400
160	36.5	120.0	35,600
165	33.9	112.8	33,900
170	31.0	104.8	32,300
175	27.9	95.8	30,800
200 Ft. BOOM			
32	83.0	206.4	210,000 *
34	82.5	206.1	210,000 *
36	81.9	205.8	210,000 *
38	81.3	205.5	210,000 *
40	80.7	205.2	210,000 *
42	80.1	204.8	210,000 *
44	79.6	204.5	210,000 *
46	79.0	204.1	205,100
48	78.4	203.7	193,000
50	77.8	203.2	182,200
55	76.3	202.0	159,400
60	74.9	200.7	141,300
65	73.4	199.3	126,500

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
70	71.9	197.7	114,300
75	70.3	195.9	104,000
80	68.8	194.0	95,200
85	67.3	192.0	87,600
90	65.7	189.7	81,000
95	64.1	187.4	75,100
100	62.5	184.8	69,900
105	60.9	182.1	65,300
110	59.2	179.1	61,100
115	57.5	176.0	57,400
120	55.8	172.7	53,900
125	54.0	169.1	50,800
130	52.2	165.3	48,000
135	50.4	161.3	45,400
140	48.5	156.9	42,900
145	46.5	152.3	40,700
150	44.5	147.3	38,600
155	42.4	142.0	36,700
160	40.2	136.2	34,900
165	38.0	130.0	33,200
170	35.5	123.2	31,600
175	33.0	115.8	30,100
180	30.2	107.5	28,700
185	27.2	98.2	27,400



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207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
210 Ft. BOOM			
34	82.8	216.2	210,000 *
36	82.3	215.9	210,000 *
38	81.7	215.6	210,000 *
40	81.2	215.3	210,000 *
42	80.6	215.0	210,000 *
44	80.1	214.6	210,000 *
46	79.5	214.3	204,900
48	79.0	213.9	192,800
50	78.4	213.5	181,900
55	77.0	212.3	159,100
60	75.6	211.1	141,000
65	74.2	209.7	126,300
70	72.8	208.2	114,100
75	71.3	206.5	103,800
80	69.9	204.7	95,000
85	68.4	202.8	87,400
90	66.9	200.7	80,700
95	65.4	198.4	74,900
100	63.9	196.0	69,700
105	62.4	193.5	65,100
110	60.8	190.7	60,900
115	59.2	187.8	57,100
120	57.6	184.7	53,700
125	56.0	181.4	50,600
130	54.3	177.9	47,700
135	52.6	174.1	45,100
140	50.9	170.1	42,700
145	49.1	165.9	40,500
150	47.2	161.3	38,400
155	45.4	156.5	36,500
160	43.4	151.3	34,700
165	41.3	145.8	33,000
170	39.2	139.8	31,400
175	37.0	133.3	29,900
180	34.6	126.3	28,500
185	32.1	118.6	27,200
190	29.4	110.1	25,900
195	26.5	100.6	24,800

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
220 Ft. BOOM			
36	82.6	226.0	210,000 *
38	82.1	225.7	210,000 *
40	81.6	225.4	210,000 *
42	81.1	225.1	210,000 *
44	80.5	224.8	208,900 *
46	80.0	224.4	204,300
48	79.5	224.1	192,200
50	78.9	223.7	181,400
55	77.6	222.6	158,500
60	76.3	221.4	140,400
65	74.9	220.1	125,700
70	73.6	218.6	113,400
75	72.2	217.1	103,100
80	70.8	215.4	94,300
85	69.4	213.5	86,700
90	68.0	211.5	80,100
95	66.6	209.4	74,200
100	65.2	207.2	69,000
105	63.7	204.7	64,400
110	62.3	202.1	60,200
115	60.8	199.4	56,500
120	59.3	196.5	53,000
125	57.7	193.4	49,900
130	56.2	190.1	47,100
135	54.6	186.6	44,400
140	53.0	182.9	42,000
145	51.3	178.9	39,800
150	49.6	174.8	37,700
155	47.9	170.3	35,800
160	46.1	165.6	34,000
165	44.2	160.6	32,300
170	42.3	155.2	30,700
175	40.3	149.5	29,200
180	38.3	143.3	27,800
185	36.1	136.6	26,500
190	33.8	129.4	25,300
195	31.4	121.4	24,100
200	28.8	112.7	23,000
205	25.9	102.9	21,900

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
230 Ft. BOOM			
36	83.0	236.1	196,300 *
38	82.5	235.8	194,300 *
40	81.9	235.6	192,400 *
42	81.4	235.3	190,500 *
44	80.9	234.9	188,800 *
46	80.4	234.6	187,000 *
48	79.9	234.2	185,400 *
50	79.4	233.9	180,800
55	78.1	232.8	158,000
60	76.9	231.7	139,900
65	75.6	230.4	125,100
70	74.3	229.1	112,900
75	73.0	227.6	102,600
80	71.7	225.9	93,800
85	70.4	224.2	86,100
90	69.0	222.3	79,500
95	67.7	220.3	73,600
100	66.3	218.1	68,400
105	65.0	215.8	63,800
110	63.6	213.4	59,600
115	62.2	210.8	55,900
120	60.8	208.1	52,400
125	59.3	205.1	49,300
130	57.8	202.0	46,500
135	56.4	198.8	43,800
140	54.8	195.3	41,400
145	53.3	191.6	39,200
150	51.7	187.8	37,100
155	50.1	183.6	35,200
160	48.5	179.3	33,400
165	46.8	174.7	31,700
170	45.0	169.8	30,100
175	43.2	164.6	28,600
180	41.4	159.0	27,200
185	39.4	153.1	25,900
190	37.4	146.7	24,700
195	35.3	139.8	23,500
200	33.0	132.3	22,400
205	30.7	124.2	21,300
210	28.1	115.2	20,300
215	25.3	105.1	19,300



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
240 Ft. BOOM			
38	82.8	245.9	188,100 *
40	82.3	245.7	186,300 *
42	81.8	245.4	184,600 *
44	81.3	245.1	183,000 *
46	80.8	244.7	181,400 *
48	80.4	244.4	179,900 *
50	79.9	244.0	178,000 *
55	78.6	243.1	157,400
60	77.4	242.0	139,300
65	76.2	240.8	124,500
70	75.0	239.5	112,200
75	73.7	238.0	101,900
80	72.5	236.5	93,100
85	71.2	234.8	85,500
90	69.9	233.0	78,800
95	68.7	231.1	73,000
100	67.4	229.0	67,800
105	66.1	226.9	63,100
110	64.8	224.5	58,900
115	63.4	222.1	55,200
120	62.1	219.5	51,800
125	60.7	216.7	48,600
130	59.3	213.8	45,800
135	57.9	210.7	43,100
140	56.5	207.5	40,700
145	55.1	204.0	38,500
150	53.6	200.4	36,400
155	52.1	196.5	34,500
160	50.5	192.5	32,700
165	49.0	188.2	31,000
170	47.4	183.7	29,400
175	45.7	178.9	27,900
180	44.0	173.8	26,500
185	42.3	168.4	25,200
190	40.4	162.7	23,900
195	38.6	156.6	22,800
200	36.6	150.0	21,700
205	34.5	142.9	20,600
210	32.3	135.2	19,600
215	30.0	126.9	18,600
220	27.5	117.6	17,700

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
40	82.6	255.8	178,800 *
42	82.1	255.5	177,200 *
44	81.7	255.2	175,700 *
46	81.2	254.9	174,300 *
48	80.7	254.5	172,900 *
50	80.3	254.2	170,100 *
55	79.1	253.3	157,100
60	77.9	252.2	138,900
65	76.8	251.1	124,200
70	75.6	249.8	111,900
75	74.4	248.4	101,600
80	73.2	247.0	92,800
85	72.0	245.4	85,200
90	70.8	243.7	78,500
95	69.6	241.8	72,600
100	68.3	239.9	67,400
105	67.1	237.8	62,800
110	65.8	235.6	58,600
115	64.6	233.2	54,900
120	63.3	230.8	51,400
125	62.0	228.1	48,300
130	60.7	225.4	45,500
135	59.4	222.5	42,800
140	58.0	219.4	40,400
145	56.7	216.1	38,200
150	55.3	212.7	36,100
155	53.9	209.1	34,200
160	52.4	205.3	32,300
165	51.0	201.3	30,700
170	49.5	197.1	29,100
175	47.9	192.7	27,600
180	46.3	188.0	26,200
185	44.7	183.0	24,900
190	43.1	177.8	23,600
195	41.4	172.2	22,500
200	39.6	166.3	21,300
205	37.7	160.0	20,300
210	35.8	153.2	19,300
215	33.8	146.0	18,300
220	31.6	138.1	17,400
225	29.4	129.5	16,500
230	26.9	120.0	15,700

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
260 Ft. BOOM			
40	82.9	265.8	172,600 *
42	82.4	265.6	171,100 *
44	82.0	265.3	169,800 *
46	81.5	265.0	167,100 *
48	81.1	264.7	164,300 *
50	80.7	264.3	161,600 *
55	79.5	263.4	154,900 *
60	78.4	262.4	138,300
65	77.3	261.3	123,600
70	76.1	260.1	111,300
75	75.0	258.8	101,000
80	73.9	257.4	92,100
85	72.7	255.9	84,500
90	71.6	254.2	77,900
95	70.4	252.5	72,000
100	69.2	250.6	66,800
105	68.0	248.6	62,100
110	66.8	246.5	58,000
115	65.6	244.3	54,200
120	64.4	241.9	50,800
125	63.2	239.4	47,600
130	61.9	236.8	44,800
135	60.7	234.0	42,200
140	59.4	231.1	39,700
145	58.1	228.0	37,500
150	56.8	224.8	35,400
155	55.5	221.4	33,500
160	54.1	217.9	31,700
165	52.7	214.1	30,000
170	51.3	210.2	28,400
175	49.9	206.0	26,900
180	48.4	201.7	25,500
185	46.9	197.1	24,200
190	45.4	192.2	22,900
195	43.8	187.1	21,800
200	42.2	181.7	20,600
205	40.5	175.9	19,600
210	38.8	169.8	18,600
215	37.0	163.3	17,600
220	35.1	156.4	16,700
225	33.1	148.9	15,800
230	31.0	140.9	15,000
235	28.8	132.1	14,200
240	26.4	122.4	13,500



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Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
270 Ft. BOOM			
42	82.7	275.7	154,500 *
44	82.3	275.4	153,700 *
46	81.9	275.1	152,900 *
48	81.4	274.8	151,700 *
50	81.0	274.5	150,600 *
55	79.9	273.6	144,900 *
60	78.8	272.7	137,800
65	77.8	271.6	123,000
70	76.7	270.4	110,700
75	75.6	269.2	100,400
80	74.5	267.8	91,600
85	73.4	266.3	83,900
90	72.3	264.8	77,300
95	71.1	263.1	71,400
100	70.0	261.3	66,200
105	68.9	259.4	61,500
110	67.7	257.4	57,400
115	66.6	255.2	53,600
120	65.4	253.0	50,200
125	64.2	250.6	47,000
130	63.1	248.1	44,200
135	61.9	245.5	41,500
140	60.6	242.7	39,100
145	59.4	239.8	36,900
150	58.2	236.7	34,800
155	56.9	233.5	32,900
160	55.6	230.1	31,000
165	54.3	226.6	29,400
170	53.0	222.9	27,800
175	51.7	219.0	26,300
180	50.3	214.9	24,900
185	48.9	210.6	23,600
190	47.5	206.1	22,300
195	46.0	201.3	21,100
200	44.5	196.3	20,000
205	43.0	191.0	19,000
210	41.4	185.5	18,000
215	39.7	179.6	17,000
220	38.0	173.3	16,100
225	36.3	166.6	15,200
230	34.4	159.5	14,400
235	32.5	151.8	13,600
240	30.4	143.6	12,900
245	28.2	134.6	12,100
250	25.9	124.7	11,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
280 Ft. BOOM			
42	83.0	285.7	143,000 *
44	82.6	285.5	142,300 *
46	82.2	285.2	141,600 *
48	81.7	284.9	140,900 *
50	81.3	284.6	140,200 *
55	80.3	283.8	137,300 *
60	79.2	282.8	131,700 *
65	78.2	281.8	122,400
70	77.2	280.7	110,100
75	76.1	279.5	99,700
80	75.0	278.2	90,900
85	74.0	276.8	83,300
90	72.9	275.3	76,600
95	71.8	273.7	70,700
100	70.8	271.9	65,500
105	69.7	270.1	60,900
110	68.6	268.2	56,700
115	67.5	266.1	52,900
120	66.4	264.0	49,500
125	65.2	261.7	46,400
130	64.1	259.3	43,500
135	62.9	256.8	40,900
140	61.8	254.1	38,400
145	60.6	251.4	36,200
150	59.4	248.4	34,100
155	58.2	245.4	32,200
160	57.0	242.2	30,300
165	55.8	238.8	28,700
170	54.5	235.3	27,100
175	53.3	231.6	25,600
180	52.0	227.8	24,200
185	50.7	223.7	22,900
190	49.3	219.5	21,600
195	47.9	215.1	20,400
200	46.5	210.4	19,300
205	45.1	205.5	18,300
210	43.6	200.3	17,300
215	42.1	194.9	16,300
220	40.6	189.2	15,400
225	39.0	183.1	14,500
230	37.3	176.7	13,700
235	35.6	169.8	12,900
240	33.8	162.5	12,100
245	31.9	154.7	11,400
250	29.8	146.2	10,700
255	27.7	137.0	9,800 *
260	25.4	126.9	8,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
290 Ft. BOOM			
44	82.8	295.6	132,600 *
46	82.4	295.3	131,900 *
48	82.0	295.0	131,300 *
50	81.6	294.7	130,600 *
55	80.6	293.9	128,900 *
60	79.6	293.0	125,000 *
65	78.6	292.0	119,700 *
70	77.6	291.0	109,700
75	76.6	289.8	99,400
80	75.6	288.5	90,500
85	74.6	287.2	82,900
90	73.5	285.7	76,200
95	72.5	284.2	70,400
100	71.4	282.5	65,100
105	70.4	280.8	60,500
110	69.3	278.9	56,300
115	68.3	276.9	52,500
120	67.2	274.9	49,100
125	66.1	272.7	46,000
130	65.1	270.4	43,100
135	64.0	268.0	40,500
140	62.8	265.5	38,100
145	61.7	262.8	35,800
150	60.6	260.0	33,700
155	59.5	257.1	31,800
160	58.3	254.1	30,000
165	57.1	250.9	28,300
170	55.9	247.5	26,700
175	54.7	244.0	25,200
180	53.5	240.4	23,800
185	52.3	236.6	22,500
190	51.0	232.6	21,200
195	49.7	228.4	20,100
200	48.4	224.0	18,900
205	47.1	219.4	17,900
210	45.7	214.6	16,900
215	44.3	209.6	15,900
220	42.8	204.3	15,000
225	41.4	198.7	14,100
230	39.8	192.8	13,300
235	38.3	186.6	12,500
240	36.6	180.0	11,800
245	34.9	173.0	11,000
250	33.2	165.5	10,400
255	31.3	157.5	9,200 *
260	29.3	148.9	7,800 *
265	27.2	139.5	6,300 *



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Long Reach Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
46	82.7	305.4	119,900 *
48	82.3	305.1	119,200 *
50	81.9	304.8	118,500 *
55	80.9	304.1	115,700 *
60	80.0	303.2	111,300 *
65	79.0	302.2	107,400 *
70	78.0	301.2	103,800 *
75	77.0	300.1	98,700
80	76.1	298.9	89,800
85	75.1	297.6	82,200
90	74.1	296.2	75,500
95	73.1	294.7	69,600
100	72.1	293.1	64,400
105	71.1	291.4	59,800
110	70.1	289.6	55,600
115	69.0	287.7	51,800
120	68.0	285.7	48,400
125	67.0	283.6	45,200
130	65.9	281.4	42,400
135	64.9	279.1	39,700
140	63.8	276.7	37,300
145	62.8	274.1	35,000
150	61.7	271.5	33,000
155	60.6	268.7	31,000
160	59.5	265.8	29,200
165	58.4	262.7	27,500
170	57.2	259.5	25,900
175	56.1	256.2	24,400
180	54.9	252.7	23,000
185	53.7	249.1	21,700
190	52.5	245.3	20,500
195	51.3	241.4	19,300
200	50.1	237.3	18,200
205	48.8	232.9	17,100
210	47.5	228.4	16,100
215	46.2	223.7	15,100
220	44.9	218.8	14,200
225	43.5	213.6	13,400
230	42.1	208.1	12,500
235	40.6	202.4	11,700
240	39.1	196.4	11,000
245	37.6	190.0	10,300
250	36.0	183.2	9,400 *
255	34.3	176.1	8,300 *
260	32.6	168.4	7,300 *
265	30.7	160.3	6,300 *
270	28.8	151.4	5,400 *
275	26.7	141.8	4,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
310 Ft. BOOM			
46	82.9	315.5	108,000 *
48	82.5	315.2	107,500 *
50	82.2	314.9	105,900 *
55	81.2	314.2	101,600 *
60	80.3	313.4	97,800 *
65	79.4	312.4	94,300 *
70	78.4	311.4	91,200 *
75	77.5	310.3	88,300 *
80	76.5	309.2	85,600 *
85	75.6	307.9	81,600
90	74.6	306.5	74,900
95	73.7	305.1	69,000
100	72.7	303.6	63,800
105	71.7	301.9	59,100
110	70.7	300.2	54,900
115	69.8	298.4	51,200
120	68.8	296.5	47,700
125	67.8	294.5	44,600
130	66.8	292.3	41,700
135	65.8	290.1	39,100
140	64.7	287.8	36,700
145	63.7	285.3	34,400
150	62.7	282.8	32,300
155	61.6	280.1	30,400
160	60.6	277.3	28,600
165	59.5	274.4	26,900
170	58.4	271.4	25,300
175	57.3	268.2	23,800
180	56.2	264.9	22,400
185	55.1	261.5	21,100
190	53.9	257.9	19,800
195	52.8	254.1	18,600
200	51.6	250.2	17,500
205	50.4	246.1	16,500
210	49.2	241.9	15,400
215	48.0	237.4	14,500
220	46.7	232.8	13,600
225	45.4	227.9	12,700
230	44.1	222.8	11,900
235	42.8	217.5	11,100
240	41.4	211.9	10,300
245	39.9	206.0	9,600
250	38.5	199.9	8,700 *
255	37.0	193.3	7,600 *
260	35.4	186.4	6,600 *
265	33.7	179.1	5,700 *
270	32.0	171.3	4,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
320 Ft. BOOM			
48	82.8	325.3	99,700 *
50	82.4	325.0	98,100 *
55	81.5	324.3	94,500 *
60	80.6	323.5	90,500 *
65	79.7	322.6	86,900 *
70	78.8	321.6	83,600 *
75	77.9	320.6	80,700 *
80	77.0	319.5	77,900 *
85	76.0	318.2	75,300 *
90	75.1	316.9	72,900 *
95	74.2	315.5	68,600
100	73.2	314.0	63,300
105	72.3	312.5	58,700
110	71.4	310.8	54,500
115	70.4	309.1	50,700
120	69.5	307.2	47,300
125	68.5	305.3	44,100
130	67.5	303.2	41,300
135	66.6	301.1	38,600
140	65.6	298.8	36,200
145	64.6	296.5	33,900
150	63.6	294.0	31,800
155	62.6	291.5	29,900
160	61.6	288.8	28,100
165	60.5	286.0	26,400
170	59.5	283.1	24,800
175	58.5	280.1	23,300
180	57.4	276.9	21,900
185	56.3	273.6	20,600
190	55.2	270.2	19,300
195	54.1	266.6	18,100
200	53.0	262.9	17,000
205	51.9	259.0	16,000
210	50.7	255.0	15,000
215	49.6	250.8	14,000
220	48.4	246.4	13,100
225	47.2	241.8	12,200
230	45.9	237.0	11,400
235	44.7	232.0	10,600
240	43.4	226.8	9,800
245	42.0	221.4	8,900 *
250	40.7	215.6	7,800 *
255	39.3	209.6	6,800 *
260	37.8	203.3	5,800 *
265	36.3	196.6	4,900 *
270	34.8	189.6	4,000 *



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Long Reach Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
330 Ft. BOOM			
48	83.0	335.4	92,000 *
50	82.6	335.1	90,200 *
55	81.8	334.4	86,100 *
60	80.9	333.6	82,400 *
65	80.0	332.8	79,100 *
70	79.1	331.8	76,100 *
75	78.2	330.8	73,300 *
80	77.4	329.7	70,800 *
85	76.5	328.5	68,400 *
90	75.6	327.3	66,200 *
95	74.7	325.9	64,200 *
100	73.8	324.5	62,200 *
105	72.9	323.0	58,900
110	71.9	321.4	54,800
115	71.0	319.7	51,000
120	70.1	317.9	47,500
125	69.2	316.0	44,400
130	68.2	314.0	41,500
135	67.3	312.0	38,900
140	66.4	309.8	36,500
145	65.4	307.5	34,200
150	64.4	305.2	32,100
155	63.5	302.7	30,200
160	62.5	300.1	28,400
165	61.5	297.5	26,700
170	60.5	294.7	25,100
175	59.5	291.7	23,600
180	58.5	288.7	22,200
185	57.5	285.6	20,900
190	56.4	282.3	19,600
195	55.4	278.9	18,400
200	54.3	275.3	17,300
205	53.2	271.6	16,200
210	52.2	267.8	15,200
215	51.0	263.8	14,300
220	49.9	259.6	13,400
225	48.8	255.3	12,500
230	47.6	250.8	11,700
235	46.4	246.1	10,900
240	45.2	241.2	10,100
245	43.9	236.1	9,400
250	42.7	230.7	8,400 *
255	41.4	225.1	7,400 *
260	40.0	219.3	6,500 *
265	38.7	213.1	5,500 *
270	37.2	206.7	4,600 *