



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a static barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 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. thru 280 Ft. boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and machine list not to exceed degrees noted with exception of 0 degree

machine list which must not exceed 0.5 degrees. Refer to boom rigging **No. 172610** or **No. 179809**, Wire Rope Specification chart **No. 7581-C**, and Counterweight Arrangement chart **No. 7692-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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

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

MACHINE EQUIPMENT: Machine equipped with 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.

Maximum Boom Length Lifted Unassisted Over Front, Side or Rear of Crawlers	
List	Boom Length
0 Degree	280 Ft.
1 Degree	280 Ft.
2 Degree	280 Ft.
3 Degree	280 Ft.
Load block, hook and weight ball on barge deck at start. Jib is not to be used on crawler machine while operating on a barge.	



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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
70 Ft. BOOM							
18	82.9	77.1	600,000 *				18
19	82.1	76.9	547,900 *				19
20	81.3	76.8	545,600 *	447,800 *			20
21	80.4	76.5	543,400 *	447,800 *	324,500 *		21
22	79.6	76.3	525,800 *	447,800 *	324,500 *	253,300 *	22
23	78.8	76.1	504,300 *	447,800 *	324,500 *	253,300 *	23
24	77.9	75.8	484,400 *	447,800 *	324,500 *	253,300 *	24
25	77.1	75.6	465,900 *	444,400 *	324,500 *	253,300 *	25
26	76.2	75.3	448,800 *	428,800 *	324,500 *	253,300 *	26
27	75.4	75.0	432,900 *	414,200 *	324,500 *	253,300 *	27
28	74.5	74.7	418,000 *	400,600 *	324,500 *	253,300 *	28
29	73.7	74.4	404,100 *	387,500	324,500 *	253,300 *	29
30	72.8	74.0	391,000 *	367,400	320,700 *	253,300 *	30
32	71.0	73.3	356,300	332,800	299,900 *	253,300 *	32
34	69.3	72.4	323,500	303,900	281,500 *	240,800 *	34
36	67.5	71.6	296,100	279,500	264,500	226,600 *	36
38	65.7	70.6	272,700	258,600	245,600	213,900 *	38
40	63.8	69.5	252,700	240,400	229,200	202,500 *	40
42	61.9	68.4	235,200	224,600	214,700	192,200 *	42
44	60.0	67.2	219,900	210,600	201,800	182,800 *	44
46	58.1	65.9	206,400	198,100	190,400	174,200 *	46
48	56.1	64.5	194,300	187,000	180,100	166,400 *	48
50	54.0	62.9	183,500	177,000	170,800	159,200 *	50
55	48.6	58.6	160,700	155,800	151,100	143,400 *	55
60	42.6	53.2	142,700	138,900	135,300	130,200 *	60
65	35.8	46.6	128,000	125,100	122,300	119,100 *	65
70	27.4	37.6	110,200 *	108,900 *	107,800 *	106,800 *	70



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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
80 Ft. BOOM							
20	82.4	86.9	526,400 *				20
21	81.7	86.7	523,600 *	430,000 *			21
22	80.9	86.5	521,000 *	428,100 *	317,700 *		22
23	80.2	86.3	503,300 *	425,700 *	317,700 *		23
24	79.5	86.1	483,400 *	422,100 *	317,700 *	249,100 *	24
25	78.7	85.9	465,000 *	418,700 *	317,700 *	249,100 *	25
26	78.0	85.6	447,900 *	415,300 *	317,700 *	249,100 *	26
27	77.3	85.4	432,000 *	410,800 *	317,700 *	249,100 *	27
28	76.5	85.1	417,100 *	397,300 *	317,700 *	249,100 *	28
29	75.8	84.8	403,200 *	383,400	317,700 *	249,100 *	29
30	75.0	84.5	390,200 *	363,700	317,700 *	249,100 *	30
32	73.5	83.9	356,100	329,700	299,200 *	249,100 *	32
34	72.0	83.2	323,300	301,200	280,900 *	240,000 *	34
36	70.5	82.4	295,800	277,100	260,300	225,900 *	36
38	68.9	81.6	272,500	256,400	241,900	213,200 *	38
40	67.3	80.7	252,400	238,500	225,800	201,800 *	40
42	65.8	79.8	234,900	222,800	211,600	191,500 *	42
44	64.2	78.7	219,600	208,900	199,000	182,100 *	44
46	62.5	77.6	206,000	196,600	187,800	173,600 *	46
48	60.9	76.5	194,000	185,500	177,700	165,700 *	48
50	59.2	75.2	183,100	175,600	168,500	158,500 *	50
55	54.8	71.7	160,400	154,600	149,100	142,700 *	55
60	50.2	67.6	142,300	137,800	133,400	129,300	60
65	45.1	62.7	127,600	124,000	120,500	117,200	65
70	39.6	56.8	115,400	112,500	109,800	107,100	70
75	33.3	49.4	105,100	102,800	100,600	98,500	75
80	25.4	39.7	92,700 *	91,800 *	90,900 *	90,100 *	80



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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
90 Ft. BOOM							
21	82.6	96.9	498,600 *				21
22	81.9	96.7	495,600 *	401,500 *			22
23	81.3	96.5	492,600 *	398,100 *			23
24	80.6	96.3	482,900 *	394,800 *	310,300 *		24
25	80.0	96.1	464,500 *	391,600 *	310,300 *	244,300 *	25
26	79.3	95.9	447,400 *	388,500 *	310,300 *	244,300 *	26
27	78.7	95.7	431,400 *	385,500 *	310,300 *	244,300 *	27
28	78.0	95.4	416,600 *	382,500 *	310,300 *	244,300 *	28
29	77.4	95.2	402,700 *	379,600 *	310,300 *	244,300 *	29
30	76.7	94.9	389,600 *	360,300 *	310,300 *	244,300 *	30
32	75.4	94.4	356,100	326,800	298,800 *	244,300 *	32
34	74.1	93.7	323,200	298,700	277,300	239,600 *	34
36	72.7	93.1	295,800	274,900	256,500	225,400 *	36
38	71.4	92.4	272,400	254,500	238,600	212,800 *	38
40	70.0	91.6	252,300	236,800	222,800	201,400 *	40
42	68.6	90.8	234,800	221,200	208,900	191,100 *	42
44	67.2	89.9	219,500	207,500	196,600	181,700 *	44
46	65.8	88.9	205,900	195,300	185,500	173,200 *	46
48	64.4	87.9	193,800	184,300	175,600	165,300 *	48
50	63.0	86.8	183,000	174,500	166,600	158,100 *	50
55	59.3	83.9	160,200	153,600	147,400	141,600	55
60	55.4	80.4	142,200	136,900	131,900	127,200	60
65	51.3	76.5	127,400	123,200	119,200	115,400	65
70	47.0	71.8	115,200	111,800	108,500	105,400	70
75	42.3	66.5	104,900	102,100	99,400	96,800	75
80	37.1	60.0	96,100	93,900	91,700	89,500	80
85	31.2	52.1	88,500	86,700	84,900	83,200	85



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100 Ft. BOOM							
22	82.8	106.8	479,300 *				22
23	82.2	106.7	476,300 *				23
24	81.6	106.5	473,400 *	369,900 *			24
25	81.0	106.3	463,500 *	366,900 *	302,000 *		25
26	80.4	106.1	446,400 *	364,100 *	302,000 *		26
27	79.8	105.9	430,500 *	361,300 *	301,900 *	238,900 *	27
28	79.3	105.7	415,600 *	358,500 *	301,900 *	238,900 *	28
29	78.7	105.5	401,700 *	355,900 *	301,500 *	238,900 *	29
30	78.1	105.2	388,700 *	353,300 *	299,600 *	238,900 *	30
32	76.9	104.7	355,700	323,700	295,900 *	238,800 *	32
34	75.7	104.2	322,900	296,000	272,800	238,700 *	34
36	74.5	103.6	295,400	272,500	252,600	224,600 *	36
38	73.3	103.0	272,000	252,300	235,000	212,000 *	38
40	72.1	102.3	251,900	234,800	219,600	200,600 *	40
42	70.9	101.5	234,400	219,400	206,000	190,300 *	42
44	69.7	100.8	219,000	205,800	193,900	181,000 *	44
46	68.4	99.9	205,500	193,700	183,000	172,400 *	46
48	67.2	99.0	193,400	182,800	173,200	164,400	48
50	65.9	98.1	182,500	173,100	164,400	156,400	50
55	62.7	95.5	159,700	152,400	145,500	139,100	55
60	59.3	92.5	141,600	135,800	130,200	125,000	60
65	55.9	89.2	126,900	122,100	117,600	113,300	65
70	52.3	85.3	114,700	110,800	107,000	103,500	70
75	48.5	80.9	104,400	101,200	98,000	95,000	75
80	44.4	75.9	95,600	92,900	90,300	87,800	80
85	40.0	70.0	88,000	85,700	83,500	81,400	85
90	35.1	63.1	81,300	79,500	77,600	75,900	90
95	29.5	54.7	75,500	73,900	72,400	71,000	95



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110 Ft. BOOM							
23	82.9	116.8	374,400 *				23
24	82.4	116.6	371,800 *				24
25	81.8	116.5	369,400 *	301,600 *			25
26	81.3	116.3	367,000 *	300,000 *			26
27	80.8	116.1	364,700 *	298,500 *	265,200 *		27
28	80.3	115.9	362,500 *	297,000 *	264,000 *		28
29	79.7	115.7	360,300 *	295,600 *	262,900 *	230,800 *	29
30	79.2	115.5	358,200 *	294,200 *	261,800 *	230,800 *	30
32	78.1	115.0	354,300 *	291,600 *	259,700 *	230,700 *	32
34	77.0	114.6	322,700	289,100 *	257,700 *	230,500 *	34
36	76.0	114.0	295,100	270,300	248,900	224,100 *	36
38	74.9	113.4	271,700	250,400	231,700	211,500 *	38
40	73.8	112.8	251,600	233,000	216,700	200,100 *	40
42	72.7	112.2	234,100	217,800	203,300	189,800 *	42
44	71.6	111.5	218,800	204,300	191,400	179,800	44
46	70.5	110.7	205,200	192,300	180,800	170,300	46
48	69.4	109.9	193,100	181,600	171,100	161,700	48
50	68.2	109.1	182,200	171,900	162,400	153,800	50
55	65.4	106.8	159,400	151,300	143,800	136,900	55
60	62.4	104.2	141,300	134,800	128,700	123,100	60
65	59.4	101.2	126,600	121,300	116,300	111,600	65
70	56.3	97.9	114,400	110,000	105,800	101,900	70
75	53.0	94.1	104,100	100,400	96,900	93,600	75
80	49.6	89.9	95,300	92,200	89,200	86,400	80
85	46.0	85.1	87,600	85,000	82,500	80,100	85
90	42.2	79.7	81,000	78,800	76,600	74,600	90
95	38.0	73.4	75,100	73,300	71,400	69,700	95
100	33.3	66.0	69,900	68,400	66,800	65,300	100
105	28.0	57.1	65,300	64,000	62,700	61,400	105



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120 Ft. BOOM							
24	83.0	126.8	363,700 *				24
25	82.5	126.6	361,400 *				25
26	82.0	126.4	359,200 *	293,200 *			26
27	81.6	126.3	357,000 *	291,800 *			27
28	81.1	126.1	354,900 *	290,400 *			28
29	80.6	125.9	352,900 *	289,000 *	257,100 *		29
30	80.1	125.7	350,900 *	287,700 *	256,000 *		30
32	79.1	125.3	347,200 *	285,200 *	254,000 *	222,200 *	32
34	78.1	124.8	322,300	282,900 *	252,200 *	220,000 *	34
36	77.2	124.4	294,700	267,900	245,100	217,900 *	36
38	76.2	123.8	271,300	248,200	228,300	210,600 *	38
40	75.2	123.3	251,100	231,000	213,600	198,200	40
42	74.2	122.7	233,600	216,000	200,500	186,700	42
44	73.2	122.0	218,200	202,600	188,800	176,500	44
46	72.2	121.4	204,600	190,700	178,300	167,200	46
48	71.2	120.6	192,500	180,100	168,900	158,800	48
50	70.1	119.9	181,700	170,400	160,300	151,100	50
55	67.6	117.8	158,900	150,000	141,900	134,500	55
60	64.9	115.5	140,700	133,600	127,100	121,000	60
65	62.2	112.8	126,000	120,200	114,800	109,700	65
70	59.5	109.9	113,800	108,900	104,400	100,100	70
75	56.6	106.6	103,500	99,400	95,500	91,900	75
80	53.6	102.9	94,700	91,200	87,900	84,800	80
85	50.6	98.8	87,000	84,100	81,300	78,600	85
90	47.3	94.2	80,400	77,900	75,400	73,100	90
95	43.9	89.1	74,500	72,400	70,300	68,200	95
100	40.2	83.3	69,300	67,500	65,700	63,900	100
105	36.2	76.6	64,700	63,100	61,500	60,000	105
110	31.8	68.8	60,500	59,100	57,800	56,500	110
115	26.7	59.3	56,700	55,600	54,500	53,400	115



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130 Ft. BOOM							
26	82.7	136.6	350,700 *				26
27	82.2	136.4	348,700 *				27
28	81.8	136.2	346,700 *	283,300 *			28
29	81.3	136.1	344,800 *	282,000 *			29
30	80.9	135.9	343,000 *	280,800 *	245,300 *		30
32	80.0	135.5	339,500 *	278,400 *	242,600 *	208,000 *	32
34	79.1	135.1	322,300	276,200 *	240,000 *	206,000 *	34
36	78.2	134.6	294,700	266,000	237,400 *	204,100 *	36
38	77.3	134.2	271,300	246,500	225,500	202,200 *	38
40	76.4	133.6	251,100	229,600	211,000	194,900	40
42	75.4	133.1	233,600	214,600	198,200	183,700	42
44	74.5	132.5	218,200	201,400	186,700	173,700	44
46	73.6	131.9	204,600	189,600	176,400	164,700	46
48	72.7	131.2	192,500	179,100	167,100	156,400	48
50	71.7	130.5	181,600	169,500	158,700	148,900	50
55	69.4	128.7	158,800	149,300	140,600	132,700	55
60	67.0	126.5	140,700	133,000	126,000	119,500	60
65	64.5	124.1	125,900	119,600	113,800	108,400	65
70	62.1	121.5	113,700	108,400	103,500	98,900	70
75	59.5	118.5	103,400	99,000	94,800	90,900	75
80	56.9	115.3	94,600	90,800	87,200	83,800	80
85	54.2	111.7	87,000	83,700	80,600	77,700	85
90	51.3	107.7	80,300	77,500	74,800	72,300	90
95	48.4	103.3	74,500	72,000	69,700	67,500	95
100	45.3	98.4	69,300	67,100	65,100	63,100	100
105	42.0	92.9	64,600	62,800	61,000	59,300	105
110	38.5	86.7	60,400	58,800	57,300	55,800	110
115	34.7	79.7	56,700	55,300	53,900	52,600	115
120	30.5	71.5	53,200	52,000	50,900	49,700	120
125	25.6	61.5	50,100	49,100	48,100	47,100	125



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140 Ft. BOOM							
27	82.8	146.5	341,800 *				27
28	82.4	146.4	340,000 *				28
29	81.9	146.2	338,200 *	275,900 *			29
30	81.5	146.0	336,400 *	274,700 *			30
32	80.7	145.7	333,100 *	272,400 *	227,800 *		32
34	79.9	145.3	321,900	270,300 *	225,400 *	192,700 *	34
36	79.0	144.9	294,300	263,600	223,100 *	191,000 *	36
38	78.2	144.4	270,800	244,400	220,900 *	189,300 *	38
40	77.4	144.0	250,600	227,600	208,000	187,700 *	40
42	76.5	143.5	233,100	212,800	195,400	180,300	42
44	75.7	142.9	217,700	199,800	184,200	170,500	44
46	74.8	142.3	204,100	188,100	174,100	161,700	46
48	74.0	141.7	191,900	177,600	164,900	153,700	48
50	73.1	141.1	181,100	168,100	156,600	146,300	50
55	70.9	139.4	158,200	148,000	138,800	130,500	55
60	68.7	137.4	140,100	131,800	124,300	117,400	60
65	66.5	135.2	125,300	118,500	112,300	106,500	65
70	64.2	132.8	113,100	107,400	102,100	97,200	70
75	61.9	130.1	102,800	98,000	93,500	89,300	75
80	59.5	127.2	93,900	89,800	86,000	82,300	80
85	57.1	124.0	86,300	82,800	79,400	76,300	85
90	54.6	120.4	79,700	76,600	73,700	70,900	90
95	52.0	116.5	73,800	71,100	68,600	66,100	95
100	49.3	112.2	68,600	66,300	64,000	61,900	100
105	46.5	107.5	63,900	61,900	59,900	58,000	105
110	43.5	102.3	59,800	58,000	56,200	54,500	110
115	40.4	96.5	56,000	54,400	52,900	51,400	115
120	37.0	90.0	52,600	51,200	49,800	48,500	120
125	33.4	82.6	49,400	48,200	47,000	45,900	125
130	29.3	74.0	46,600	45,500	44,500	43,500	130



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
150 Ft. BOOM							
28	82.9	156.5	302,400 *				28
29	82.5	156.3	300,500 *				29
30	82.1	156.2	298,600 *				30
32	81.3	155.8	295,000 *	223,900 *			32
34	80.6	155.5	291,500 *	221,800 *	191,000 *		34
36	79.8	155.1	288,300 *	219,900 *	189,600 *	166,600 *	36
38	79.0	154.7	270,400	218,100 *	188,200 *	165,500 *	38
40	78.2	154.2	250,200	216,300 *	186,800 *	163,000 *	40
42	77.4	153.8	232,700	211,200	183,300 *	160,300 *	42
44	76.6	153.3	217,300	198,200	180,000 *	157,600 *	44
46	75.8	152.7	203,600	186,600	171,900	155,000 *	46
48	75.1	152.2	191,500	176,200	162,900	151,100	48
50	74.3	151.6	180,600	166,800	154,700	143,900	50
55	72.3	150.0	157,800	146,900	137,100	128,400	55
60	70.2	148.2	139,600	130,800	122,800	115,600	60
65	68.2	146.2	124,900	117,600	110,900	104,900	65
70	66.1	143.9	112,600	106,500	100,900	95,700	70
75	63.9	141.5	102,300	97,100	92,300	87,900	75
80	61.8	138.8	93,400	89,000	84,900	81,000	80
85	59.6	135.9	85,800	82,000	78,400	75,000	85
90	57.3	132.6	79,200	75,800	72,700	69,700	90
95	55.0	129.1	73,300	70,400	67,600	65,000	95
100	52.6	125.3	68,100	65,500	63,100	60,800	100
105	50.1	121.2	63,400	61,200	59,000	57,000	105
110	47.5	116.6	59,300	57,300	55,300	53,500	110
115	44.8	111.6	55,500	53,700	52,000	50,400	115
120	42.0	106.1	52,100	50,500	49,000	47,500	120
125	38.9	100.0	48,900	47,500	46,200	44,900	125
130	35.7	93.2	46,100	44,800	43,600	42,500	130
135	32.2	85.4	43,400	42,300	41,300	40,200	135
140	28.3	76.5	41,000	40,000	39,100	38,200	140



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
160 Ft. BOOM							
29	83.0	166.4	292,100 *				29
30	82.6	166.3	290,300 *				30
32	81.9	166.0	287,100 *	217,700 *			32
34	81.1	165.7	284,000 *	215,900 *			34
36	80.4	165.3	281,100 *	214,100 *	184,700 *		36
38	79.7	164.9	269,900	212,400 *	183,400 *	160,600 *	38
40	79.0	164.5	249,700	210,800 *	180,600 *	157,700 *	40
42	78.2	164.0	232,100	206,800 *	177,100 *	154,900 *	42
44	77.5	163.6	216,700	196,500	173,700 *	152,200 *	44
46	76.8	163.1	203,100	185,100	169,600	149,600 *	46
48	76.0	162.6	190,900	174,700	160,700	147,100 *	48
50	75.3	162.0	180,000	165,400	152,600	141,400	50
55	73.4	160.5	157,200	145,600	135,300	126,200	55
60	71.5	158.8	139,000	129,600	121,200	113,600	60
65	69.6	157.0	124,200	116,500	109,500	103,100	65
70	67.7	154.9	112,000	105,500	99,500	94,100	70
75	65.7	152.6	101,600	96,100	91,000	86,300	75
80	63.7	150.2	92,800	88,100	83,700	79,600	80
85	61.7	147.5	85,100	81,100	77,200	73,600	85
90	59.6	144.5	78,500	74,900	71,600	68,400	90
95	57.5	141.3	72,600	69,500	66,500	63,700	95
100	55.3	137.9	67,400	64,600	62,000	59,500	100
105	53.1	134.1	62,800	60,300	58,000	55,700	105
110	50.7	130.1	58,600	56,400	54,300	52,300	110
115	48.4	125.6	54,800	52,900	51,000	49,200	115
120	45.9	120.8	51,400	49,600	48,000	46,300	120
125	43.3	115.6	48,200	46,700	45,200	43,700	125
130	40.5	109.8	45,400	44,000	42,600	41,300	130
135	37.6	103.4	42,700	41,500	40,300	39,100	135
140	34.5	96.2	40,300	39,200	38,100	37,100	140
145	31.1	88.2	38,000	37,100	36,100	35,200	145
150	27.3	78.8	35,900	35,100	34,200	33,400	150



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170 Ft. BOOM							
30	83.0	176.4	284,100 *				30
32	82.4	176.1	281,100 *				32
34	81.7	175.8	278,300 *	211,100 *			34
36	81.0	175.5	275,600 *	209,500 *	180,800 *		36
38	80.3	175.1	269,800	207,900 *	178,600 *		38
40	79.6	174.7	249,600	204,600 *	175,000 *	153,100 *	40
42	78.9	174.3	232,000	200,100 *	171,600 *	150,300 *	42
44	78.2	173.8	216,600	195,300	168,200 *	147,600 *	44
46	77.5	173.4	203,000	184,000	165,000 *	145,000 *	46
48	76.9	172.9	190,800	173,700	159,100	142,500 *	48
50	76.2	172.4	179,900	164,500	151,100	139,500	50
55	74.4	171.0	157,100	144,800	134,100	124,600	55
60	72.6	169.4	138,900	129,000	120,200	112,200	60
65	70.9	167.6	124,100	115,900	108,500	101,800	65
70	69.1	165.7	111,800	105,000	98,700	93,000	70
75	67.2	163.6	101,500	95,700	90,300	85,400	75
80	65.4	161.3	92,700	87,700	83,000	78,700	80
85	63.5	158.8	85,000	80,700	76,600	72,900	85
90	61.6	156.1	78,400	74,600	71,000	67,700	90
95	59.6	153.2	72,500	69,200	66,000	63,000	95
100	57.6	150.0	67,300	64,300	61,500	58,900	100
105	55.6	146.6	62,600	60,000	57,500	55,100	105
110	53.5	142.9	58,500	56,100	53,900	51,700	110
115	51.3	138.9	54,700	52,600	50,600	48,700	115
120	49.1	134.6	51,200	49,400	47,600	45,800	120
125	46.8	129.9	48,100	46,400	44,800	43,200	125
130	44.4	124.9	45,200	43,700	42,300	40,800	130
135	41.9	119.3	42,600	41,200	39,900	38,600	135
140	39.2	113.3	40,200	38,900	37,700	36,600	140
145	36.4	106.6	37,900	36,800	35,700	34,700	145
150	33.4	99.2	35,800	34,800	33,900	32,900	150
155	30.1	90.8	33,900	33,000	32,100	31,300	155
160	26.5	81.1	32,100	31,300	30,500	29,800	160

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180 Ft. BOOM							
32	82.8	186.2	274,600 *				32
34	82.1	185.9	272,100 *				34
36	81.5	185.6	269,700 *	204,400 *			36
38	80.9	185.3	267,400 *	201,700 *	172,400 *		38
40	80.2	184.9	249,100	197,200 *	168,800 *		40
42	79.6	184.5	231,500	192,800 *	165,400 *	144,500 *	42
44	78.9	184.1	216,100	188,500 *	162,100 *	142,400 *	44
46	78.3	183.6	202,400	182,400	158,900 *	139,700 *	46
48	77.6	183.2	190,300	172,300	155,800 *	137,200 *	48
50	76.9	182.7	179,400	163,100	149,200	134,800 *	50
55	75.3	181.4	156,500	143,600	132,400	122,400	55
60	73.6	179.9	138,300	127,800	118,600	110,300	60
65	72.0	178.3	123,500	114,800	107,100	100,100	65
70	70.3	176.5	111,200	104,000	97,400	91,400	70
75	68.6	174.5	100,900	94,700	89,100	83,900	75
80	66.8	172.3	92,000	86,700	81,800	77,300	80
85	65.1	170.0	84,400	79,800	75,500	71,500	85
90	63.3	167.5	77,700	73,700	69,900	66,400	90
95	61.5	164.8	71,800	68,300	64,900	61,800	95
100	59.6	161.8	66,600	63,500	60,500	57,700	100
105	57.8	158.7	62,000	59,200	56,500	54,000	105
110	55.8	155.3	57,800	55,300	52,900	50,600	110
115	53.9	151.7	54,000	51,700	49,600	47,600	115
120	51.8	147.7	50,600	48,500	46,600	44,700	120
125	49.8	143.5	47,400	45,600	43,800	42,200	125
130	47.6	139.0	44,600	42,900	41,300	39,800	130
135	45.4	134.1	41,900	40,400	39,000	37,600	135
140	43.1	128.8	39,500	38,100	36,800	35,600	140
145	40.6	123.0	37,200	36,000	34,800	33,700	145
150	38.1	116.7	35,100	34,000	33,000	31,900	150
155	35.4	109.8	33,200	32,200	31,200	30,300	155
160	32.4	102.1	31,400	30,500	29,600	28,700	160
165	29.2	93.4	29,700	28,900	28,100	27,300	165
170	25.7	83.3	28,100	27,400	26,700	26,000	170



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
190 Ft. BOOM							
34	82.6	196.0	241,300 *				34
36	81.9	195.7	238,800 *	175,900 *			36
38	81.3	195.4	236,500 *	174,600 *			38
40	80.7	195.1	234,200 *	173,200 *	144,900 *		40
42	80.1	194.7	231,100	171,600 *	142,600 *		42
44	79.5	194.3	215,600	168,500 *	140,300 *	119,900 *	44
46	78.9	193.9	202,000	165,500 *	138,100 *	118,200 *	46
48	78.3	193.4	189,800	162,600 *	135,900 *	116,400 *	48
50	77.6	193.0	178,900	159,800 *	133,800 *	114,800 *	50
55	76.1	191.7	156,000	142,500	128,700 *	110,700 *	55
60	74.5	190.3	137,800	126,800	117,100	106,900 *	60
65	72.9	188.8	123,000	113,900	105,800	98,500	65
70	71.4	187.1	110,700	103,000	96,200	90,000	70
75	69.7	185.3	100,300	93,800	87,900	82,500	75
80	68.1	183.2	91,500	85,900	80,800	76,000	80
85	66.5	181.1	83,800	79,000	74,500	70,300	85
90	64.8	178.7	77,200	72,900	68,900	65,300	90
95	63.1	176.2	71,300	67,500	64,000	60,700	95
100	61.4	173.4	66,100	62,700	59,600	56,700	100
105	59.7	170.5	61,400	58,400	55,600	53,000	105
110	57.9	167.4	57,200	54,600	52,000	49,600	110
115	56.1	164.0	53,400	51,000	48,800	46,600	115
120	54.2	160.4	50,000	47,800	45,800	43,800	120
125	52.3	156.6	46,900	44,900	43,000	41,200	125
130	50.3	152.4	44,000	42,200	40,500	38,900	130
135	48.3	148.0	41,400	39,700	38,200	36,700	135
140	46.2	143.2	38,900	37,500	36,000	34,700	140
145	44.1	138.1	36,700	35,300	34,000	32,800	145
150	41.8	132.6	34,600	33,400	32,200	31,000	150
155	39.5	126.6	32,600	31,500	30,400	29,400	155
160	37.0	120.0	30,800	29,800	28,800	27,900	160
165	34.4	112.8	29,100	28,200	27,300	26,400	165
170	31.5	104.8	27,500	26,700	25,900	25,100	170
175	28.4	95.8	26,000	25,300	24,600	23,900	175



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200 Ft. BOOM							
34	82.9	206.1	233,400 *				34
36	82.4	205.8	231,200 *				36
38	81.8	205.5	229,100 *	169,200 *			38
40	81.2	205.2	227,100 *	168,000 *			40
42	80.6	204.8	225,200 *	164,800 *	137,100 *		42
44	80.0	204.5	215,100	161,700 *	134,800 *	115,300 *	44
46	79.4	204.1	201,400	158,700 *	132,500 *	113,500 *	46
48	78.9	203.7	189,200	155,800 *	130,300 *	111,700 *	48
50	78.3	203.2	178,300	153,000 *	128,200 *	110,000 *	50
55	76.8	202.1	155,400	141,200	123,000 *	105,900 *	55
60	75.3	200.7	137,100	125,700	115,600	102,000 *	60
65	73.8	199.3	122,300	112,800	104,400	96,800	65
70	72.3	197.7	110,000	102,000	94,900	88,400	70
75	70.8	195.9	99,700	92,800	86,700	81,100	75
80	69.3	194.0	90,800	84,900	79,600	74,700	80
85	67.7	192.0	83,200	78,000	73,300	69,000	85
90	66.2	189.8	76,500	72,000	67,800	64,000	90
95	64.6	187.4	70,600	66,600	63,000	59,500	95
100	63.0	184.8	65,400	61,900	58,600	55,500	100
105	61.3	182.1	60,700	57,600	54,600	51,800	105
110	59.7	179.2	56,500	53,700	51,000	48,500	110
115	58.0	176.0	52,700	50,200	47,800	45,500	115
120	56.3	172.7	49,300	47,000	44,800	42,700	120
125	54.5	169.1	46,200	44,100	42,100	40,200	125
130	52.7	165.3	43,300	41,400	39,600	37,900	130
135	50.9	161.3	40,700	38,900	37,300	35,700	135
140	49.0	157.0	38,200	36,600	35,100	33,700	140
145	47.0	152.3	36,000	34,500	33,100	31,800	145
150	45.0	147.3	33,900	32,600	31,300	30,100	150
155	42.9	142.0	31,900	30,700	29,600	28,400	155
160	40.7	136.2	30,100	29,000	27,900	26,900	160
165	38.4	130.0	28,400	27,400	26,400	25,500	165
170	36.0	123.2	26,800	25,900	25,000	24,100	170
175	33.4	115.8	25,300	24,500	23,700	22,900	175
180	30.7	107.5	23,900	23,100	22,400	21,700	180
185	27.7	98.3	22,600	21,900	21,200	20,600	185



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
210 Ft. BOOM							
36	82.7	215.9	225,300 *				36
38	82.2	215.6	223,500 *				38
40	81.6	215.3	221,700 *	161,500 *			40
42	81.1	215.0	219,300 *	158,400 *			42
44	80.5	214.6	214,300 *	155,400 *	129,700 *		44
46	80.0	214.3	201,200	152,500 *	127,500 *	109,400 *	46
48	79.4	213.9	189,000	149,600 *	125,300 *	107,600 *	48
50	78.8	213.5	178,100	146,800 *	123,200 *	105,900 *	50
55	77.4	212.3	155,100	140,100 *	118,000 *	101,800 *	55
60	76.0	211.1	136,900	124,900	113,200 *	97,900 *	60
65	74.6	209.7	122,100	112,100	103,400	94,200 *	65
70	73.2	208.2	109,800	101,400	94,000	87,300	70
75	71.8	206.5	99,400	92,300	85,900	80,100	75
80	70.3	204.7	90,600	84,400	78,800	73,700	80
85	68.8	202.8	82,900	77,600	72,700	68,200	85
90	67.4	200.7	76,200	71,500	67,200	63,200	90
95	65.9	198.5	70,400	66,200	62,400	58,800	95
100	64.4	196.1	65,100	61,400	58,000	54,800	100
105	62.8	193.5	60,500	57,200	54,100	51,200	105
110	61.3	190.8	56,300	53,300	50,500	47,900	110
115	59.7	187.8	52,500	49,800	47,300	44,900	115
120	58.1	184.7	49,100	46,600	44,300	42,200	120
125	56.4	181.4	45,900	43,700	41,600	39,600	125
130	54.8	177.9	43,100	41,000	39,100	37,300	130
135	53.1	174.1	40,400	38,600	36,800	35,200	135
140	51.3	170.1	38,000	36,300	34,700	33,200	140
145	49.5	165.9	35,700	34,200	32,700	31,300	145
150	47.7	161.4	33,600	32,200	30,900	29,600	150
155	45.8	156.5	31,700	30,400	29,100	27,900	155
160	43.8	151.3	29,900	28,700	27,500	26,400	160
165	41.8	145.8	28,200	27,100	26,000	25,000	165
170	39.7	139.8	26,600	25,600	24,600	23,700	170
175	37.4	133.4	25,100	24,200	23,300	22,400	175
180	35.1	126.4	23,700	22,800	22,000	21,200	180
185	32.6	118.7	22,300	21,600	20,800	20,100	185
190	29.9	110.2	21,100	20,400	19,700	19,000	190
195	27.0	100.6	19,900	19,300	18,600	18,000	195

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220 Ft. BOOM							
38	82.5	225.8	217,300 *				38
40	82.0	225.5	214,800 *	159,000 *			40
42	81.5	225.1	209,800 *	155,800 *			42
44	80.9	224.8	205,000 *	152,700 *	127,200 *		44
46	80.4	224.4	200,200 *	149,700 *	124,900 *		46
48	79.9	224.1	188,400	146,800 *	122,700 *	101,700 *	48
50	79.4	223.7	177,500	143,900 *	120,500 *	101,600 *	50
55	78.0	222.6	154,500	137,100 *	115,300 *	99,300 *	55
60	76.7	221.4	136,300	123,800	110,400 *	95,300 *	60
65	75.3	220.1	121,500	111,100	102,000	91,500 *	65
70	74.0	218.7	109,200	100,400	92,700	85,800	70
75	72.6	217.1	98,800	91,300	84,700	78,600	75
80	71.2	215.4	89,900	83,500	77,700	72,400	80
85	69.9	213.5	82,300	76,700	71,600	66,900	85
90	68.5	211.6	75,600	70,700	66,100	62,000	90
95	67.0	209.4	69,700	65,300	61,300	57,600	95
100	65.6	207.2	64,500	60,600	57,000	53,700	100
105	64.2	204.7	59,800	56,300	53,100	50,100	105
110	62.7	202.2	55,600	52,500	49,600	46,800	110
115	61.2	199.4	51,800	49,000	46,400	43,900	115
120	59.7	196.5	48,400	45,800	43,400	41,100	120
125	58.2	193.4	45,200	42,900	40,700	38,600	125
130	56.6	190.1	42,400	40,200	38,200	36,300	130
135	55.0	186.6	39,700	37,800	35,900	34,200	135
140	53.4	182.9	37,300	35,500	33,800	32,200	140
145	51.7	179.0	35,000	33,400	31,800	30,300	145
150	50.1	174.8	32,900	31,400	30,000	28,600	150
155	48.3	170.4	31,000	29,600	28,300	27,000	155
160	46.5	165.6	29,200	27,900	26,700	25,500	160
165	44.7	160.6	27,500	26,300	25,200	24,100	165
170	42.8	155.2	25,900	24,800	23,700	22,700	170
175	40.8	149.5	24,400	23,400	22,400	21,500	175
180	38.7	143.3	23,000	22,100	21,200	20,300	180
185	36.5	136.6	21,600	20,800	20,000	19,200	185
190	34.2	129.4	20,400	19,600	18,900	18,100	190
195	31.8	121.5	19,200	18,500	17,800	17,100	195
200	29.2	112.7	18,100	17,400	16,800	16,200	200
205	26.3	102.9	17,000	16,400	15,800	15,300	205



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
230 Ft. BOOM							
38	82.9	235.9	193,200 *				38
40	82.4	235.6	191,600 *				40
42	81.8	235.3	190,000 *	138,800 *			42
44	81.3	234.9	188,500 *	136,700 *			44
46	80.8	234.6	187,100 *	134,600 *	109,100 *		46
48	80.3	234.2	183,900 *	132,500 *	107,800 *		48
50	79.8	233.9	177,000	130,400 *	106,300 *	85,600 *	50
55	78.6	232.9	154,000	125,300 *	102,500 *	85,300 *	55
60	77.3	231.7	135,800	120,500 *	98,900 *	83,300 *	60
65	76.0	230.5	120,900	110,100	95,500 *	80,600 *	65
70	74.7	229.1	108,600	99,500	91,500	78,000 *	70
75	73.4	227.6	98,200	90,500	83,500	75,500 *	75
80	72.1	226.0	89,400	82,700	76,600	71,200	80
85	70.8	224.2	81,700	75,900	70,600	65,700	85
90	69.4	222.3	75,000	69,900	65,200	60,900	90
95	68.1	220.3	69,100	64,600	60,400	56,500	95
100	66.7	218.2	63,900	59,800	56,100	52,600	100
105	65.4	215.9	59,200	55,600	52,200	49,100	105
110	64.0	213.4	55,000	51,800	48,700	45,900	110
115	62.6	210.8	51,200	48,300	45,500	42,900	115
120	61.2	208.1	47,800	45,100	42,600	40,200	120
125	59.7	205.1	44,700	42,200	39,900	37,700	125
130	58.3	202.1	41,800	39,500	37,400	35,400	130
135	56.8	198.8	39,100	37,100	35,200	33,300	135
140	55.2	195.3	36,700	34,800	33,000	31,300	140
145	53.7	191.7	34,400	32,700	31,100	29,500	145
150	52.1	187.8	32,400	30,800	29,200	27,800	150
155	50.5	183.7	30,400	28,900	27,500	26,200	155
160	48.9	179.3	28,600	27,200	25,900	24,700	160
165	47.2	174.7	26,900	25,600	24,400	23,300	165
170	45.4	169.8	25,300	24,100	23,000	21,900	170
175	43.6	164.6	23,800	22,700	21,700	20,700	175
180	41.8	159.0	22,400	21,400	20,400	19,500	180
185	39.8	153.1	21,100	20,100	19,200	18,400	185
190	37.8	146.7	19,800	18,900	18,100	17,300	190
195	35.7	139.8	18,600	17,800	17,100	16,300	195
200	33.5	132.4	17,500	16,800	16,100	15,400	200
205	31.1	124.2	16,400	15,800	15,100	14,500	205
210	28.5	115.2	15,400	14,800	14,200	13,600	210
215	25.7	105.1	14,400	13,900	13,300	12,800	215



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
240 Ft. BOOM							
40	82.7	245.7	185,800 *				40
42	82.2	245.4	184,400 *				42
44	81.7	245.1	181,900 *	130,100 *			44
46	81.2	244.7	178,400 *	127,900 *			46
48	80.7	244.4	174,900 *	125,800 *	98,500 *		48
50	80.3	244.0	171,300 *	123,700 *	98,300 *		50
55	79.0	243.1	153,400	118,700 *	97,200 *	76,600 *	55
60	77.8	242.0	135,200	113,900 *	93,600 *	76,200 *	60
65	76.6	240.8	120,300	109,100	90,100 *	75,800 *	65
70	75.4	239.5	108,000	98,500	86,800 *	73,400 *	70
75	74.1	238.0	97,600	89,500	82,300	70,900 *	75
80	72.9	236.5	88,700	81,700	75,500	68,400 *	80
85	71.6	234.8	81,000	74,900	69,500	64,500	85
90	70.3	233.0	74,400	69,000	64,100	59,700	90
95	69.1	231.1	68,500	63,700	59,400	55,400	95
100	67.8	229.1	63,200	59,000	55,100	51,500	100
105	66.5	226.9	58,600	54,800	51,200	48,000	105
110	65.2	224.6	54,400	50,900	47,800	44,800	110
115	63.8	222.1	50,600	47,500	44,600	41,900	115
120	62.5	219.5	47,100	44,300	41,700	39,200	120
125	61.1	216.7	44,000	41,400	39,000	36,700	125
130	59.7	213.8	41,100	38,700	36,500	34,500	130
135	58.3	210.7	38,400	36,300	34,300	32,300	135
140	56.9	207.5	36,000	34,000	32,200	30,400	140
145	55.5	204.0	33,700	31,900	30,200	28,500	145
150	54.0	200.4	31,600	30,000	28,400	26,800	150
155	52.5	196.6	29,700	28,100	26,700	25,200	155
160	50.9	192.5	27,900	26,400	25,100	23,700	160
165	49.4	188.2	26,200	24,800	23,600	22,300	165
170	47.8	183.7	24,600	23,300	22,200	21,000	170
175	46.1	178.9	23,100	21,900	20,800	19,800	175
180	44.4	173.9	21,700	20,600	19,600	18,600	180
185	42.6	168.5	20,300	19,400	18,400	17,500	185
190	40.8	162.7	19,100	18,200	17,300	16,400	190
195	38.9	156.6	17,900	17,000	16,200	15,400	195
200	37.0	150.0	16,800	16,000	15,200	14,500	200
205	34.9	142.9	15,700	15,000	14,300	13,600	205
210	32.7	135.3	14,700	14,000	13,400	12,700	210
215	30.4	126.9	13,700	13,100	12,500	11,900	215
220	27.9	117.7	12,800	12,200	11,700	11,100	220
225	25.1	107.3	11,900 *	11,400	10,900	10,400	225



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
250 Ft. BOOM							
40	83.0	255.8	179,100 *				40
42	82.5	255.5	177,900 *				42
44	82.0	255.2	174,900 *	121,100 *			44
46	81.6	254.9	171,600 *	120,800 *			46
48	81.1	254.6	168,200 *	120,400 *			48
50	80.6	254.2	164,900 *	119,400 *	90,300 *		50
55	79.5	253.3	154,200	114,500 *	89,700 *	70,200 *	55
60	78.3	252.2	136,000	109,700 *	89,200 *	69,900 *	60
65	77.1	251.1	121,100	105,200 *	87,000 *	69,500 *	65
70	76.0	249.8	108,800	99,000	83,700 *	69,100 *	70
75	74.8	248.5	98,400	90,000	80,500 *	68,500 *	75
80	73.6	247.0	89,500	82,300	75,800	66,100 *	80
85	72.4	245.4	81,900	75,500	69,900	63,700 *	85
90	71.2	243.7	75,200	69,600	64,600	60,000	90
95	69.9	241.8	69,300	64,400	59,900	55,800	95
100	68.7	239.9	64,100	59,700	55,600	51,900	100
105	67.5	237.8	59,400	55,400	51,800	48,500	105
110	66.2	235.6	55,200	51,600	48,300	45,300	110
115	64.9	233.3	51,400	48,200	45,200	42,400	115
120	63.7	230.8	48,000	45,000	42,300	39,700	120
125	62.4	228.2	44,800	42,100	39,600	37,300	125
130	61.1	225.4	41,900	39,500	37,200	35,000	130
135	59.7	222.5	39,300	37,000	34,900	32,900	135
140	58.4	219.4	36,900	34,800	32,800	31,000	140
145	57.0	216.2	34,600	32,700	30,900	29,200	145
150	55.6	212.7	32,500	30,700	29,100	27,500	150
155	54.2	209.1	30,600	28,900	27,400	25,900	155
160	52.8	205.4	28,700	27,200	25,800	24,400	160
165	51.3	201.4	27,000	25,600	24,300	23,000	165
170	49.8	197.2	25,400	24,100	22,900	21,700	170
175	48.3	192.7	23,900	22,700	21,600	20,400	175
180	46.7	188.0	22,500	21,400	20,300	19,300	180
185	45.1	183.1	21,200	20,200	19,100	18,200	185
190	43.4	177.8	20,000	19,000	18,000	17,100	190
195	41.7	172.2	18,800	17,900	17,000	16,100	195
200	40.0	166.3	17,600	16,800	16,000	15,200	200
205	38.1	160.0	16,600	15,800	15,000	14,300	205
210	36.2	153.2	15,600	14,800	14,100	13,400	210
215	34.2	146.0	14,600	13,900	13,300	12,600	215
220	32.0	138.1	13,700	13,100	12,400	11,800	220
225	29.7	129.5	12,800	12,200	11,700	11,100	225
230	27.3	120.1	12,000	11,400	10,900	10,400	230

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
260 Ft. BOOM							
42	82.8	265.6	169,400 *				42
44	82.4	265.3	166,100 *				44
46	81.9	265.0	162,800 *	110,200 *			46
48	81.5	264.7	159,700 *	109,800 *			48
50	81.0	264.4	156,500 *	109,500 *	81,700 *		50
55	79.9	263.5	148,500 *	108,400 *	81,200 *	63,000 *	55
60	78.8	262.5	135,400	103,700 *	80,700 *	62,700 *	60
65	77.6	261.4	120,500	99,200 *	80,200 *	62,400 *	65
70	76.5	260.1	108,200	94,900 *	78,800 *	62,000 *	70
75	75.4	258.8	97,800	89,100	75,600 *	61,700 *	75
80	74.2	257.4	88,900	81,400	72,600 *	61,300 *	80
85	73.1	255.9	81,200	74,700	68,800	59,500 *	85
90	71.9	254.2	74,500	68,800	63,500	57,100 *	90
95	70.7	252.5	68,600	63,500	58,900	54,600	95
100	69.6	250.6	63,400	58,800	54,700	50,800	100
105	68.4	248.6	58,700	54,600	50,900	47,400	105
110	67.2	246.5	54,500	50,800	47,400	44,300	110
115	66.0	244.3	50,700	47,400	44,300	41,400	115
120	64.8	241.9	47,300	44,200	41,400	38,800	120
125	63.5	239.4	44,100	41,400	38,800	36,300	125
130	62.3	236.8	41,300	38,700	36,300	34,100	130
135	61.0	234.0	38,600	36,300	34,100	32,000	135
140	59.8	231.1	36,200	34,000	32,000	30,100	140
145	58.5	228.1	33,900	31,900	30,000	28,300	145
150	57.1	224.8	31,800	30,000	28,200	26,600	150
155	55.8	221.4	29,900	28,200	26,500	25,000	155
160	54.5	217.9	28,000	26,500	24,900	23,500	160
165	53.1	214.1	26,300	24,900	23,500	22,100	165
170	51.7	210.2	24,700	23,400	22,100	20,800	170
175	50.2	206.0	23,200	22,000	20,700	19,600	175
180	48.8	201.7	21,800	20,600	19,500	18,400	180
185	47.3	197.1	20,500	19,400	18,300	17,300	185
190	45.8	192.2	19,300	18,200	17,200	16,200	190
195	44.2	187.1	18,100	17,100	16,200	15,300	195
200	42.6	181.7	16,900	16,000	15,200	14,300	200
205	40.9	176.0	15,900	15,000	14,200	13,400	205
210	39.1	169.9	14,900	14,100	13,300	12,600	210
215	37.3	163.4	13,900	13,200	12,400	11,800	215
220	35.4	156.4	13,000	12,300	11,600	11,000	220
225	33.5	149.0	12,100	11,500	10,800	10,200	225
230	31.4	140.9	11,300	10,700	10,100	9,100 *	230
235	29.1	132.1	10,500	9,900	9,000 *	7,600 *	235
240	26.7	122.4	9,500 *	8,800 *	7,400 *	6,200 *	240



Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 Crawler Machine on a Static Barge
 0 Degree thru 3 Degree Static Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
270 Ft. BOOM							
44	82.6	275.4	153,900 *				44
46	82.2	275.1	151,800 *				46
48	81.8	274.8	148,900 *	95,100 *			48
50	81.3	274.5	146,100 *	94,800 *			50
55	80.3	273.6	139,000 *	94,100 *	69,300 *		55
60	79.2	272.7	131,900 *	93,400 *	68,900 *	52,700 *	60
65	78.1	271.6	120,000	92,200 *	68,400 *	52,400 *	65
70	77.0	270.4	107,600	88,300 *	68,000 *	52,100 *	70
75	75.9	269.2	97,200	84,500 *	67,500 *	51,800 *	75
80	74.8	267.8	88,300	80,500	67,100 *	51,500 *	80
85	73.7	266.4	80,700	73,900	64,400 *	51,200 *	85
90	72.6	264.8	74,000	68,000	61,800 *	50,900 *	90
95	71.5	263.1	68,100	62,700	57,900	50,400 *	95
100	70.4	261.3	62,800	58,100	53,800	48,400 *	100
105	69.2	259.4	58,100	53,900	50,000	46,400	105
110	68.1	257.4	53,900	50,100	46,600	43,300	110
115	66.9	255.3	50,100	46,600	43,400	40,500	115
120	65.8	253.0	46,700	43,500	40,600	37,900	120
125	64.6	250.6	43,500	40,600	37,900	35,400	125
130	63.4	248.1	40,700	38,000	35,500	33,200	130
135	62.2	245.5	38,000	35,600	33,300	31,100	135
140	61.0	242.7	35,600	33,300	31,200	29,200	140
145	59.8	239.8	33,300	31,200	29,300	27,400	145
150	58.5	236.7	31,200	29,300	27,500	25,700	150
155	57.3	233.5	29,300	27,500	25,800	24,200	155
160	56.0	230.1	27,400	25,800	24,200	22,700	160
165	54.7	226.6	25,700	24,200	22,700	21,300	165
170	53.4	222.9	24,100	22,700	21,300	20,000	170
175	52.0	219.0	22,600	21,300	20,000	18,800	175
180	50.6	214.9	21,200	20,000	18,800	17,600	180
185	49.2	210.6	19,900	18,700	17,600	16,500	185
190	47.8	206.1	18,600	17,500	16,500	15,500	190
195	46.3	201.3	17,500	16,400	15,400	14,500	195
200	44.8	196.3	16,300	15,400	14,400	13,500	200
205	43.3	191.1	15,300	14,400	13,500	12,700	205
210	41.7	185.5	14,300	13,400	12,600	11,800	210
215	40.1	179.6	13,300	12,500	11,700	11,000	215
220	38.4	173.3	12,400	11,600	10,900	9,800 *	220
225	36.6	166.6	11,500	10,800	10,100	8,500 *	225
230	34.8	159.5	10,700	10,000	8,700 *	7,200 *	230
235	32.8	151.9	9,900	8,800 *	7,300 *	5,900 *	235
240	30.8	143.6	9,100	7,300 *	5,900 *	4,600 *	240
245	28.6	134.6	8,100 *	5,700 *	4,500 *		245
250	26.2	124.7	6,400 *	4,200 *			250

Liftcrane Boom Capacities

M-250 SERIES 2

Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
Crawler Machine on a Static Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
280 Ft. BOOM							
44	82.9	285.5	142,700 *				44
46	82.5	285.2	142,000 *				46
48	82.1	284.9	141,300 *				48
50	81.7	284.6	138,600 *	86,300 *			50
55	80.6	283.8	130,900 *	85,600 *	62,700 *		55
60	79.6	282.9	129,100 *	84,900 *	62,300 *	47,200 *	60
65	78.5	281.8	119,800	84,200 *	61,800 *	46,900 *	65
70	77.5	280.7	107,500	83,600 *	61,400 *	46,600 *	70
75	76.4	279.5	97,100	82,900 *	60,900 *	46,300 *	75
80	75.4	278.2	88,200	80,100	60,600 *	46,000 *	80
85	74.3	276.8	80,500	73,500	60,300 *	45,700 *	85
90	73.2	275.3	73,800	67,600	60,000 *	45,500 *	90
95	72.2	273.7	67,900	62,400	57,400	45,300 *	95
100	71.1	271.9	62,600	57,700	53,300	45,100 *	100
105	70.0	270.1	58,000	53,500	49,500	45,000 *	105
110	68.9	268.2	53,700	49,800	46,100	42,800	110
115	67.8	266.1	49,900	46,300	43,000	39,900	115
120	66.7	264.0	46,500	43,200	40,200	37,300	120
125	65.6	261.7	43,300	40,300	37,500	35,000	125
130	64.4	259.3	40,500	37,700	35,100	32,700	130
135	63.3	256.8	37,800	35,300	32,900	30,700	135
140	62.1	254.1	35,400	33,000	30,800	28,800	140
145	61.0	251.4	33,100	30,900	28,900	27,000	145
150	59.8	248.5	31,000	29,000	27,100	25,300	150
155	58.6	245.4	29,000	27,200	25,400	23,800	155
160	57.4	242.2	27,200	25,500	23,900	22,300	160
165	56.1	238.8	25,500	23,900	22,400	20,900	165
170	54.9	235.3	23,900	22,400	21,000	19,600	170
175	53.6	231.6	22,400	21,000	19,700	18,400	175
180	52.3	227.8	21,000	19,700	18,400	17,200	180
185	51.0	223.7	19,700	18,400	17,300	16,100	185
190	49.7	219.5	18,400	17,300	16,200	15,100	190
195	48.3	215.1	17,200	16,200	15,100	14,100	195
200	46.9	210.4	16,100	15,100	14,100	13,200	200
205	45.5	205.5	15,000	14,100	13,200	12,300	205
210	44.0	200.3	14,000	13,100	12,300	11,400	210
215	42.5	194.9	13,100	12,200	11,400	10,600	215
220	40.9	189.2	12,100	11,400	10,600	9,900	220
225	39.3	183.1	11,300	10,500	9,800	9,100	225
230	37.6	176.7	10,400 *	9,700	9,100	8,400	230
235	35.9	169.9	9,200 *	8,900 *	8,400	7,700	235
240	34.1	162.6	8,000 *	7,700 *	7,700 *	7,100	240
245	32.2	154.7	6,900 *	6,500 *	6,500 *	6,500	245
250	30.2	146.3	5,800 *	5,500 *	5,500 *	5,500 *	250
255	28.0	137.1	4,700 *	4,400 *	4,400 *	4,400 *	255