



Liftcrane Boom Capacities

Boom No. 58 HL
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Two Swing Drives



16000 SERIES 3

LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a 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 (*).

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

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 machine list not to exceed degrees noted. Refer to boom rigging **No. A10415**, Wire Rope Specification chart **No. 8674-A**, Counterweight Arrangement chart **No. 8682-A** and Wind Conditions chart **No. 8688-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 Operator's 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: Boom angle in degrees ($^{\circ}$) 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 two swing drives, 34 ft crawlers, 60 in. treads, 32 ft live mast, 26 part boom hoist reeving, boom support straps, 332,000 lb crane counterweight, two 30,000 lb and four 15,000 lb carbody counterweights.

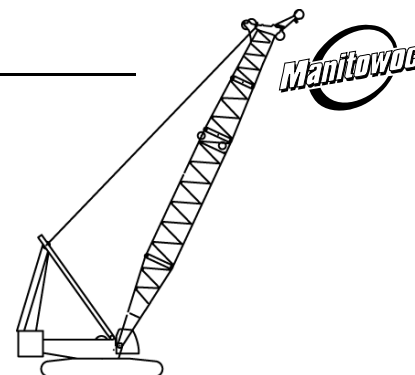
Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a) 315.0 ft	275.6 ft
1 Degree	295.3 ft	275.6 ft
2 Degree	295.3 ft	275.6 ft
3 Degree	295.3 ft	275.6 ft
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be used on 315.0 ft boom.		

Third Line Deduct
Deduct 500 lb from boom capacities when boom is equipped for three line operation.



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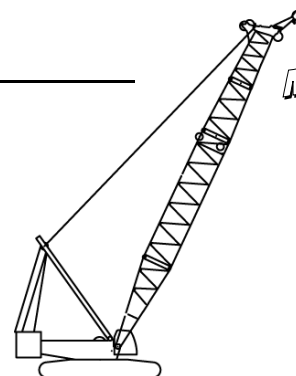
16000 SERIES 3

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
98.4 ft							
21	82.9	106.0	881,900 *				21
22	82.3	105.8	845,400 *				22
24	81.1	105.4	778,200 *	669,400 *			24
26	79.9	105.0	720,500 *	661,300 *	515,400 *	399,500 *	26
28	78.7	104.6	670,500 *	626,700 *	515,100 *	399,300 *	28
30	77.5	104.1	625,700 *	582,600 *	514,800 *	399,100 *	30
32	76.3	103.5	581,700 *	544,100 *	500,900	399,000 *	32
34	75.1	102.9	543,200 *	499,600	459,100	398,800 *	34
36	73.9	102.3	495,400	458,000	423,300	392,900	36
38	72.7	101.6	454,300	422,400	392,500	365,900	38
40	71.4	100.8	419,100	391,600	365,500	342,200	40
45	68.3	98.8	349,900	330,300	311,100	293,600	45
50	65.1	96.4	299,100	284,400	269,800	256,300	50
55	61.7	93.6	260,100	248,900	237,400	226,600	55
60	58.3	90.5	229,300	220,400	211,200	202,600	60
65	54.7	86.9	204,300	197,200	189,700	182,600	65
70	50.9	82.8	183,600	177,900	171,700	165,800	70
75	46.9	78.1	166,200	161,500	156,400	151,500	75
80	42.6	72.6	151,400	147,500	143,200	139,100	80
85	37.9	66.2	138,500	135,300	131,800	128,400	85
90	32.6	58.5	127,200	124,600	121,700	118,900	90
95	26.2	48.8	117,200	115,100	112,800	110,500	95
100	17.6	34.8	108,200	106,700	104,900	103,200	100



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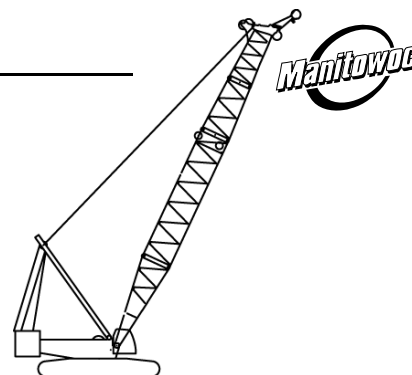
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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
118.1 ft							
24	82.6	125.4	775,000 *				24
26	81.6	125.1	719,300 *	597,300 *			26
28	80.6	124.7	669,300 *	590,200 *	484,500 *		28
30	79.6	124.3	625,000 *	574,800 *	483,700 *	379,300 *	30
32	78.7	123.8	581,000 *	537,100 *	482,900 *	378,800 *	32
34	77.7	123.3	542,500 *	492,600	446,400	378,300 *	34
36	76.7	122.8	496,300	452,000	412,300	377,900 *	36
38	75.6	122.2	455,000	417,200	382,800	353,000	38
40	74.6	121.6	419,700	387,100	357,000	330,600	40
45	72.1	120.0	350,300	326,900	304,600	284,700	45
50	69.5	118.0	299,400	281,800	264,600	249,100	50
55	66.8	115.8	260,400	246,700	233,100	220,700	55
60	64.1	113.4	229,500	218,700	207,700	197,500	60
65	61.3	110.6	204,500	195,700	186,700	178,200	65
70	58.5	107.5	183,800	176,600	169,000	162,000	70
75	55.5	104.0	166,400	160,400	154,000	148,000	75
80	52.5	100.1	151,500	146,500	141,100	136,000	80
85	49.3	95.8	138,700	134,400	129,800	125,400	85
90	45.9	90.9	127,500	123,900	119,900	116,100	90
95	42.3	85.4	117,600	114,500	111,200	107,900	95
100	38.4	79.1	108,900	106,200	103,300	100,500	100
105	34.1	71.7	101,000	98,800	96,300	93,900	105
110	29.2	63.0	93,900	92,100	90,000	87,900	110
115	23.3	52.0	87,400	85,900	84,200	82,500	115
120	15.2	36.0	81,500	80,300	79,000	77,700	120



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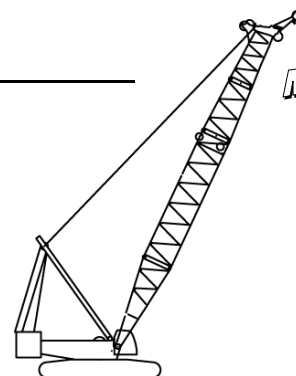
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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
137.8 ft							
26	82.8	145.0	625,700 *				26
28	82.0	144.7	619,400 *	489,600 *			28
30	81.1	144.3	614,000 *	485,700 *			30
32	80.3	143.9	580,800 *	482,000 *	429,200 *		32
34	79.5	143.5	542,300 *	466,100 *	415,200 *	365,500 *	34
36	78.6	143.1	497,200	446,300	401,800 *	359,100 *	36
38	77.7	142.6	455,800	412,300	373,900	341,200	38
40	76.9	142.1	420,500	382,900	349,100	320,100	40
45	74.7	140.7	351,000	323,800	298,700	276,500	45
50	72.5	139.1	299,900	279,500	260,000	242,600	50
55	70.3	137.2	260,800	244,900	229,400	215,400	55
60	68.1	135.2	229,900	217,200	204,600	193,100	60
65	65.8	132.9	204,900	194,500	184,100	174,500	65
70	63.5	130.3	184,200	175,600	166,800	158,700	70
75	61.1	127.5	166,700	159,600	152,100	145,200	75
80	58.6	124.4	151,900	145,800	139,400	133,400	80
85	56.1	121.0	139,100	133,900	128,300	123,100	85
90	53.5	117.3	127,900	123,400	118,600	114,100	90
95	50.8	113.2	118,000	114,100	110,000	106,000	95
100	48.0	108.7	109,300	105,900	102,300	98,700	100
105	45.1	103.7	101,500	98,500	95,300	92,200	105
110	42.0	98.1	94,500	91,900	89,100	86,300	110
115	38.7	91.8	88,100	85,900	83,400	81,000	115
120	35.1	84.8	82,300	80,400	78,200	76,100	120
125	31.1	76.6	77,000	75,400	73,500	71,600	125
130	26.5	66.9	72,100	70,700	69,100	67,500	130
135	21.0	54.6	67,600	66,400	65,100	63,800	135



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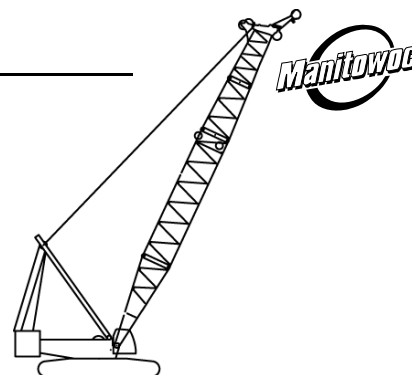
16000 SERIES 3

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
157.5 ft							
28	83.0	164.6	597,000 *				28
30	82.3	164.3	592,900 *				30
32	81.5	164.0	579,600 *	444,000 *			32
34	80.8	163.6	541,100 *	429,300 *	376,400 *		34
36	80.0	163.2	497,300	415,400 *	366,500 *		36
38	79.3	162.8	455,800	402,100 *	355,900 *	313,200 *	38
40	78.6	162.4	420,400	377,900	340,700	308,200 *	40
45	76.7	161.1	350,700	319,900	292,000	268,000	45
50	74.8	159.7	299,500	276,200	254,600	235,500	50
55	72.9	158.2	260,300	242,100	224,800	209,400	55
60	71.0	156.4	229,300	214,800	200,600	187,900	60
65	69.0	154.4	204,200	192,300	180,600	169,900	65
70	67.0	152.3	183,400	173,600	163,700	154,600	70
75	65.0	149.9	166,000	157,700	149,200	141,400	75
80	63.0	147.3	151,100	144,000	136,700	130,000	80
85	60.9	144.5	138,300	132,200	125,900	119,900	85
90	58.7	141.4	127,100	121,800	116,300	111,000	90
95	56.6	138.1	117,200	112,600	107,700	103,100	95
100	54.3	134.4	108,500	104,400	100,100	96,000	100
105	52.0	130.5	100,700	97,100	93,300	89,700	105
110	49.6	126.2	93,700	90,500	87,100	83,900	110
115	47.1	121.5	87,300	84,500	81,500	78,600	115
120	44.5	116.4	81,600	79,100	76,400	73,800	120
125	41.8	110.8	76,300	74,100	71,700	69,300	125
130	38.9	104.6	71,500	69,500	67,400	65,300	130
135	35.8	97.7	67,000	65,300	63,400	61,500	135
140	32.4	89.9	62,900	61,400	59,700	58,000	140
145	28.7	81.0	59,100	57,800	56,300	54,800	145
150	24.4	70.3	55,500	54,400	53,100	51,800	150
155	19.2	56.9	52,100	51,200	50,100	49,000	155



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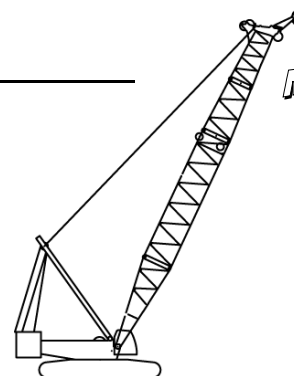
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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
177.2 ft							
32	82.5	183.9	483,000 *				32
34	81.8	183.6	467,100 *	364,800 *			34
36	81.2	183.2	451,800 *	354,300 *			36
38	80.5	182.9	437,300 *	344,100 *	298,300 *		38
40	79.9	182.5	420,400	334,400 *	290,700 *	257,400 *	40
45	78.2	181.4	350,600	311,700 *	272,800 *	242,700 *	45
50	76.5	180.2	299,300	273,300	249,600	229,100	50
55	74.9	178.8	260,000	239,700	220,700	204,000	55
60	73.2	177.2	229,000	212,700	197,100	183,200	60
65	71.5	175.5	203,900	190,500	177,500	165,800	65
70	69.7	173.6	183,100	171,900	161,000	151,000	70
75	68.0	171.6	165,600	156,200	146,800	138,200	75
80	66.2	169.3	150,700	142,600	134,500	127,000	80
85	64.4	166.9	137,800	130,900	123,800	117,200	85
90	62.6	164.3	126,600	120,600	114,400	108,600	90
95	60.7	161.4	116,700	111,500	106,000	100,800	95
100	58.8	158.4	108,000	103,400	98,500	93,900	100
105	56.9	155.1	100,200	96,100	91,700	87,600	105
110	54.9	151.5	93,200	89,500	85,600	81,900	110
115	52.9	147.7	86,900	83,600	80,100	76,700	115
120	50.8	143.6	81,100	78,200	75,000	72,000	120
125	48.6	139.2	75,900	73,200	70,400	67,600	125
130	46.4	134.4	71,100	68,700	66,100	63,600	130
135	44.1	129.2	66,600	64,500	62,200	59,900	135
140	41.6	123.6	62,500	60,600	58,500	56,500	140
145	39.1	117.4	58,800	57,000	55,100	53,300	145
150	36.3	110.6	55,200	53,700	52,000	50,300	150
155	33.4	103.1	52,000	50,600	49,000	47,500	155
160	30.2	94.7	48,900	47,600	46,200	44,900	160
165	26.7	84.9	46,000	44,900	43,700	42,400	165
170	22.6	73.4	43,200	42,300	41,200	40,200	170
175	17.6	58.8	40,600	39,800	38,900	38,000	175



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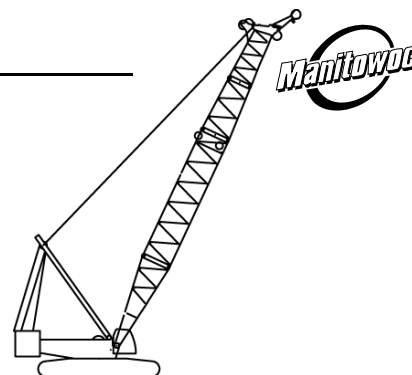
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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
196.9 ft							
34	82.6	203.5	435,600 *				34
36	82.1	203.2	422,500 *				36
38	81.5	202.9	409,700 *	321,700 *			38
40	80.9	202.5	397,400 *	313,200 *	270,600 *		40
45	79.4	201.6	350,000	293,000 *	254,800 *	225,500 *	45
50	77.9	200.4	298,600	269,900	240,000 *	213,400 *	50
55	76.4	199.2	259,200	236,700	216,100	198,200	55
60	74.9	197.8	228,100	210,000	193,100	178,100	60
65	73.4	196.3	202,900	188,000	173,900	161,300	65
70	71.8	194.6	182,000	169,600	157,700	146,800	70
75	70.3	192.8	164,500	154,000	143,700	134,400	75
80	68.7	190.8	149,600	140,600	131,700	123,500	80
85	67.1	188.7	136,700	128,900	121,100	114,000	85
90	65.5	186.4	125,500	118,700	111,800	105,500	90
95	63.9	183.9	115,600	109,600	103,600	97,900	95
100	62.3	181.2	106,800	101,600	96,100	91,100	100
105	60.6	178.4	99,000	94,300	89,500	84,900	105
110	58.9	175.3	92,000	87,800	83,500	79,300	110
115	57.2	172.1	85,600	81,900	78,000	74,200	115
120	55.4	168.6	79,900	76,500	73,000	69,500	120
125	53.6	164.9	74,600	71,600	68,400	65,300	125
130	51.7	160.9	69,800	67,100	64,100	61,300	130
135	49.8	156.6	65,400	62,900	60,200	57,600	135
140	47.8	152.1	61,300	59,100	56,600	54,200	140
145	45.8	147.2	57,500	55,500	53,200	51,100	145
150	43.7	142.0	54,000	52,200	50,100	48,100	150
155	41.5	136.3	50,800	49,100	47,200	45,300	155
160	39.2	130.2	47,700	46,200	44,400	42,800	160
165	36.8	123.5	44,800	43,400	41,900	40,300	165
170	34.2	116.2	42,200	40,900	39,500	38,100	170
175	31.4	108.1	39,600	38,500	37,200	35,900	175
180	28.4	99.0	37,200	36,200	35,000	33,900	180
185	25.0	88.6	35,000	34,000	33,000	32,000	185
190	21.1	76.2	32,800	32,000	31,100	30,200	190
195	16.3	60.4	30,700	30,000	29,200	28,500	195



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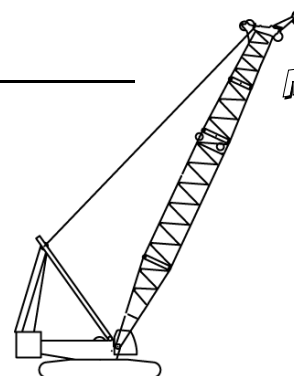
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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
216.5 ft							
36	82.8	223.1	368,600 *				36
38	82.3	222.8	358,600 *				38
40	81.7	222.5	348,900 *	268,300 *			40
45	80.4	221.6	325,900 *	252,400 *	215,600 *		45
50	79.0	220.6	298,100	237,600 *	204,100 *	178,800 *	50
55	77.7	219.5	258,600	223,800 *	193,200 *	169,800 *	55
60	76.3	218.2	227,500	207,600	183,000 *	161,400 *	60
65	74.9	216.9	202,200	185,900	170,600	153,400 *	65
70	73.6	215.4	181,300	167,700	154,700	143,200	70
75	72.2	213.7	163,800	152,200	141,100	131,000	75
80	70.8	211.9	148,800	138,900	129,200	120,400	80
85	69.3	210.0	135,900	127,300	118,900	111,100	85
90	67.9	208.0	124,600	117,200	109,700	102,800	90
95	66.5	205.8	114,800	108,200	101,500	95,400	95
100	65.0	203.4	106,000	100,200	94,200	88,700	100
105	63.5	200.9	98,200	93,000	87,600	82,700	105
110	62.0	198.2	91,100	86,500	81,700	77,200	110
115	60.5	195.3	84,800	80,600	76,300	72,200	115
120	58.9	192.3	79,000	75,300	71,300	67,600	120
125	57.4	189.1	73,800	70,400	66,800	63,300	125
130	55.8	185.6	69,000	65,900	62,600	59,400	130
135	54.1	182.0	64,500	61,700	58,700	55,800	135
140	52.5	178.1	60,500	57,900	55,100	52,500	140
145	50.7	174.0	56,700	54,300	51,800	49,300	145
150	49.0	169.6	53,200	51,000	48,700	46,400	150
155	47.2	165.0	49,900	47,900	45,800	43,700	155
160	45.3	160.0	46,900	45,100	43,100	41,100	160
165	43.4	154.7	44,000	42,400	40,500	38,700	165
170	41.4	149.1	41,300	39,800	38,100	36,500	170
175	39.3	142.9	38,800	37,400	35,900	34,300	175
180	37.1	136.4	36,500	35,200	33,700	32,300	180
185	34.8	129.2	34,200	33,000	31,700	30,400	185
190	32.3	121.4	32,100	31,000	29,800	28,600	190
195	29.7	112.7	30,100	29,100	28,000	26,900	195
200	26.8	103.0	28,200	27,300	26,300	25,300	200
205	23.6	91.8	26,300	25,500	24,600	23,700	205
210	19.8	78.6	24,600	23,900	23,100	22,300	210
215	15.2	61.7	22,900	22,300	21,600	20,900	215



Liftcrane Boom Capacities

Boom No. 58 HL
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Two Swing Drives



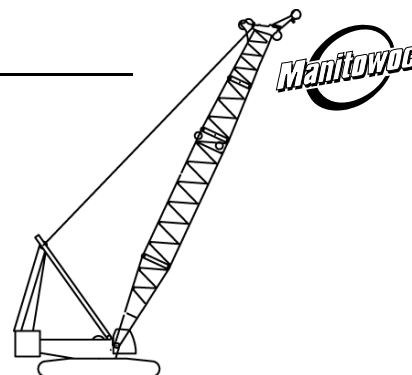
16000 SERIES 3

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
236.2 ft							
38	82.9	242.7	330,500 *				38
40	82.4	242.4	321,300 *				40
45	81.2	241.6	299,500 *	233,400 *			45
50	80.0	240.7	279,400 *	219,000 *	188,600 *	165,600 *	50
55	78.7	239.7	257,700	205,700 *	178,000 *	156,900 *	55
60	77.5	238.5	226,400	193,200 *	168,000 *	148,500 *	60
65	76.2	237.3	201,100	181,500 *	158,600 *	140,600 *	65
70	75.0	235.9	180,200	165,300	149,700 *	133,200 *	70
75	73.7	234.4	162,600	150,000	138,000	126,200 *	75
80	72.4	232.8	147,600	136,800	126,300	117,000	80
85	71.1	231.1	134,600	125,300	116,100	107,800	85
90	69.8	229.2	123,300	115,200	107,100	99,700	90
95	68.5	227.2	113,400	106,200	99,000	92,400	95
100	67.2	225.1	104,600	98,200	91,800	85,900	100
105	65.9	222.8	96,800	91,100	85,300	79,900	105
110	64.5	220.4	89,800	84,600	79,400	74,500	110
115	63.2	217.9	83,400	78,800	74,000	69,600	115
120	61.8	215.1	77,600	73,500	69,100	65,100	120
125	60.4	212.3	72,400	68,600	64,600	60,900	125
130	59.0	209.2	67,500	64,100	60,500	57,100	130
135	57.5	206.0	63,100	60,000	56,600	53,500	135
140	56.1	202.7	59,000	56,200	53,100	50,200	140
145	54.6	199.1	55,300	52,600	49,800	47,100	145
150	53.1	195.3	51,700	49,300	46,700	44,200	150
155	51.5	191.3	48,500	46,200	43,800	41,500	155
160	49.9	187.1	45,400	43,400	41,100	39,000	160
165	48.3	182.6	42,600	40,700	38,600	36,600	165
170	46.6	177.9	39,900	38,200	36,200	34,400	170
175	44.9	172.8	37,400	35,800	34,000	32,200	175
180	43.1	167.5	35,000	33,500	31,900	30,200	180
185	41.3	161.8	32,800	31,400	29,900	28,400	185
190	39.4	155.7	30,700	29,400	28,000	26,600	190
195	37.4	149.2	28,700	27,500	26,200	24,900	195
200	35.3	142.1	26,800	25,700	24,500	23,300	200
205	33.1	134.5	25,000	24,000	22,800	21,700	205
210	30.7	126.2	23,300	22,300	21,300	19,600 *	210
215	28.2	117.0	21,600	20,700 *	19,100 *	17,400 *	215
220	25.4	106.7	20,000	18,400 *	16,800 *	15,300 *	220
225	22.3	94.9	18,500	16,100 *	14,700 *	13,300 *	225
230	18.7	80.8	17,100	13,900 *	12,600 *	11,200 *	230



Liftcrane Boom Capacities

Boom No. 58 HL
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Two Swing Drives



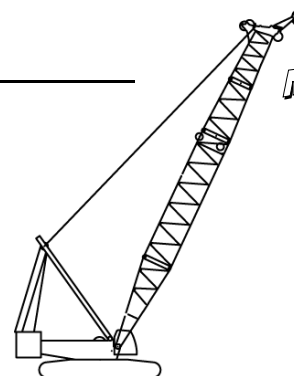
16000 SERIES 3

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
255.9 ft							
40	83.0	262.3	302,900 *				40
45	81.9	261.6	288,700 *	216,400 *			45
50	80.7	260.7	275,100 *	206,700 *	167,800 *		50
55	79.6	259.8	256,900	197,400 *	165,100 *	132,100 *	55
60	78.5	258.7	225,600	188,600 *	158,100 *	131,400 *	60
65	77.3	257.6	200,200	180,100 *	151,500 *	130,300 *	65
70	76.1	256.3	179,200	163,100	145,000 *	125,000 *	70
75	75.0	254.9	161,500	147,900	135,100	119,900 *	75
80	73.8	253.5	146,500	134,800	123,700	113,700	80
85	72.6	251.9	133,500	123,400	113,600	104,800	85
90	71.5	250.2	122,200	113,300	104,700	96,800	90
95	70.3	248.4	112,300	104,500	96,700	89,700	95
100	69.1	246.4	103,500	96,500	89,600	83,300	100
105	67.9	244.4	95,600	89,400	83,200	77,400	105
110	66.6	242.2	88,600	83,000	77,300	72,100	110
115	65.4	239.9	82,200	77,200	72,000	67,300	115
120	64.2	237.4	76,400	71,900	67,200	62,800	120
125	62.9	234.8	71,100	67,000	62,700	58,700	125
130	61.6	232.1	66,300	62,500	58,600	54,900	130
135	60.3	229.2	61,900	58,400	54,800	51,400	135
140	59.0	226.2	57,800	54,600	51,300	48,100	140
145	57.7	223.0	54,000	51,100	48,000	45,100	145
150	56.3	219.7	50,500	47,800	44,900	42,200	150
155	55.0	216.1	47,200	44,800	42,100	39,600	155
160	53.6	212.4	44,200	41,900	39,400	37,100	160
165	52.2	208.5	41,300	39,200	36,900	34,700	165
170	50.7	204.4	38,700	36,700	34,500	32,500	170
175	49.2	200.1	36,100	34,300	32,300	30,400	175
180	47.7	195.5	33,800	32,100	30,200	28,400	180
185	46.2	190.7	31,600	30,000	28,200	26,500	185
190	44.6	185.6	29,400	28,000	26,300	24,800	190
195	42.9	180.2	27,500	26,100	24,600	23,100	195
200	41.2	174.5	25,600	24,300	22,900	21,500	200
205	39.5	168.5	23,800	22,600	21,200	20,000	205
210	37.6	162.0	22,100	21,000	19,700	18,500	210
215	35.7	155.1	20,400	19,400	18,200	17,100	215
220	33.7	147.6	18,900	17,900	16,800	15,800	220
225	31.6	139.6	17,400	16,500	15,500	14,500	225
230	29.3	130.8	16,000	15,100	14,200	13,300	230
235	26.9	121.0	14,600	13,800	13,000	12,200	235
240	24.2	110.2	13,300	12,600	11,800	11,000	240
245	21.2	97.7	12,000	11,400	10,700	10,000	245
250	17.7	82.8	10,800	10,200			250



Liftcrane Boom Capacities

Boom No. 58 HL
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Two Swing Drives



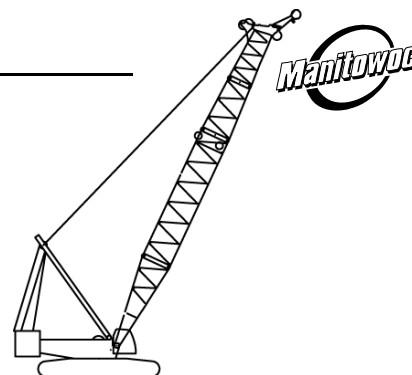
16000 SERIES 3

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
275.6 ft							
45	82.5	281.5	252,000 *				45
50	81.4	280.7	245,700 *	184,900 *			50
55	80.3	279.8	239,800 *	182,300 *	138,200 *		55
60	79.3	278.9	224,500	173,800 *	137,200 *	107,500 *	60
65	78.2	277.8	199,000	165,800 *	136,200 *	106,800 *	65
70	77.2	276.6	178,000	158,000 *	133,200 *	106,200 *	70
75	76.1	275.4	160,300	145,600	127,200 *	105,500 *	75
80	75.0	274.0	145,200	132,600	120,700	104,800 *	80
85	73.9	272.5	132,200	121,200	110,800	100,300 *	85
90	72.8	271.0	120,800	111,300	102,000	93,700	90
95	71.7	269.3	110,900	102,400	94,200	86,700	95
100	70.6	267.5	102,100	94,500	87,100	80,400	100
105	69.5	265.6	94,200	87,500	80,800	74,700	105
110	68.4	263.6	87,100	81,100	75,000	69,500	110
115	67.3	261.5	80,700	75,300	69,800	64,700	115
120	66.1	259.2	74,900	70,000	65,000	60,300	120
125	65.0	256.9	69,600	65,100	60,500	56,200	125
130	63.8	254.4	64,800	60,700	56,500	52,500	130
135	62.7	251.8	60,400	56,600	52,700	49,000	135
140	61.5	249.1	56,300	52,800	49,200	45,800	140
145	60.3	246.2	52,500	49,300	45,900	42,800	145
150	59.1	243.2	49,000	46,000	42,900	40,000	150
155	57.8	240.0	45,700	43,000	40,100	37,300	155
160	56.6	236.7	42,600	40,100	37,400	34,900	160
165	55.3	233.2	39,800	37,400	34,900	32,500	165
170	54.0	229.6	37,100	34,900	32,600	30,300	170
175	52.7	225.7	34,600	32,600	30,400	28,300	175
180	51.4	221.7	32,200	30,300	28,300	26,300	180
185	50.0	217.5	30,000	28,200	26,300	24,500	185
190	48.6	213.1	27,900	26,200	24,400	22,700	190
195	47.2	208.4	25,900	24,300	22,700	21,000	195
200	45.8	203.6	24,000	22,600	21,000	19,400	200
205	44.3	198.4	22,200	20,900	19,400	17,900	205
210	42.7	193.0	20,500	19,200	17,800	16,500	210
215	41.2	187.3	18,900	17,700	16,400	15,100	215
220	39.5	181.2	17,300	16,200	15,000	13,800	220
225	37.8	174.8	15,800	14,800	13,700	12,500	225
230	36.1	168.0	14,400	13,500	12,400	11,300	230
235	34.2	160.6	13,100	12,200	11,200		235
240	32.3	152.8	11,800	10,900	10,000		240
245	30.2	144.3	10,500				245
250	28.1	135.0	9,300				250
255	25.7	124.8	8,100 *				255



Liftcrane Boom Capacities

Boom No. 58 HL
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Two Swing Drives



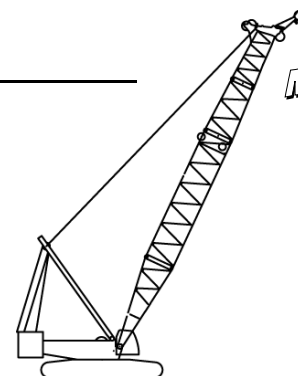
16000 SERIES 3

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
295.3 ft							
45	83.0	301.4	211,600 *				45
50	82.0	300.6	206,200 *	153,100 *			50
55	81.0	299.8	201,100 *	151,700 *	112,700 *		55
60	80.0	298.9	196,300 *	150,300 *	111,800 *	86,100 *	60
65	79.0	297.9	191,900 *	148,800 *	111,000 *	85,500 *	65
70	78.0	296.8	176,900	147,500 *	110,100 *	84,900 *	70
75	77.0	295.7	159,200	142,400 *	109,300 *	84,400 *	75
80	76.0	294.4	144,100	130,600	108,500 *	83,800 *	80
85	75.0	293.0	131,000	119,300	107,600 *	83,200 *	85
90	74.0	291.6	119,700	109,400	99,700	82,700 *	90
95	73.0	290.0	109,700	100,700	91,900	82,200 *	95
100	72.0	288.4	100,900	92,800	85,000	77,900	100
105	71.0	286.6	93,000	85,800	78,700	72,300	105
110	69.9	284.8	85,900	79,400	73,000	67,100	110
115	68.9	282.8	79,500	73,700	67,800	62,400	115
120	67.8	280.8	73,700	68,400	63,000	58,100	120
125	66.8	278.6	68,400	63,600	58,700	54,100	125
130	65.7	276.3	63,600	59,200	54,600	50,400	130
135	64.6	273.9	59,100	55,100	50,900	47,000	135
140	63.5	271.4	55,000	51,300	47,400	43,800	140
145	62.4	268.8	51,200	47,800	44,200	40,900	145
150	61.3	266.0	47,700	44,500	41,200	38,100	150
155	60.2	263.1	44,500	41,500	38,400	35,500	155
160	59.1	260.1	41,400	38,700	35,800	33,000	160
165	57.9	257.0	38,500	36,000	33,300	30,700	165
170	56.8	253.7	35,900	33,500	31,000	28,600	170
175	55.6	250.2	33,400	31,100	28,800	26,500	175
180	54.4	246.6	31,000	28,900	26,700	24,600	180
185	53.2	242.9	28,800	26,800	24,700	22,700	185
190	52.0	238.9	26,700	24,800	22,900	21,000	190
195	50.7	234.8	24,700	23,000	21,100	19,300	195
200	49.4	230.5	22,800	21,200	19,400	17,800	200
205	48.1	226.0	21,000	19,500	17,800	16,300	205
210	46.8	221.3	19,300	17,900	16,300	14,800	210
215	45.4	216.4	17,700	16,300	14,900	13,500	215
220	44.0	211.2	16,100	14,900	13,500	12,200	220
225	42.6	205.8	14,600	13,500	12,200	10,900	225
230	41.1	200.0	13,200	12,100	10,900		230
235	39.6	194.0	11,900	10,900			235
240	38.0	187.6	10,600				240
245	36.4	180.8	9,400				245
250	34.7	173.6	8,200				250
255	32.9	165.9	7,000				255



Liftcrane Boom Capacities

Boom No. 58 HL
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Two Swing Drives



16000 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
315.0 ft			
50	82.5	320.5	178,400 *
55	81.6	319.8	173,800 *
60	80.6	318.9	169,500 *
65	79.7	318.0	165,500 *
70	78.8	317.0	161,600 *
75	77.9	315.9	157,600 *
80	76.9	314.7	142,700
85	76.0	313.4	129,600
90	75.0	312.1	118,200
95	74.1	310.6	108,200
100	73.1	309.1	99,400
105	72.2	307.5	91,500
110	71.2	305.7	84,400
115	70.3	303.9	78,000
120	69.3	302.0	72,100
125	68.3	300.0	66,800
130	67.3	297.9	62,000
135	66.3	295.7	57,500
140	65.3	293.4	53,400
145	64.3	290.9	49,600
150	63.3	288.4	46,100
155	62.3	285.8	42,800
160	61.2	283.0	39,800
165	60.2	280.1	36,900
170	59.1	277.1	34,200
175	58.0	273.9	31,700
180	56.9	270.7	29,300
185	55.8	267.3	27,100
190	54.7	263.7	25,000
195	53.6	260.0	23,000
200	52.4	256.1	21,100
205	51.3	252.1	19,300
210	50.1	247.9	17,600
215	48.9	243.5	16,000
220	47.7	239.0	14,500
225	46.4	234.2	13,000
230	45.1	229.2	11,600
235	43.8	224.0	10,200
240	42.4	218.5	8,900
245	41.1	212.8	7,700