

Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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 (*). Capacities indicated by (b) require 10,000 lb minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 31,500 lbs or 60,000 lbs with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 lbs, or 40,000 lbs with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

233 ft thru 243 ft boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of upper boom point, 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. A16106**, Wire Rope Specification chart **No. 8789-A**, and Wind Conditions chart **No. 8790-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.

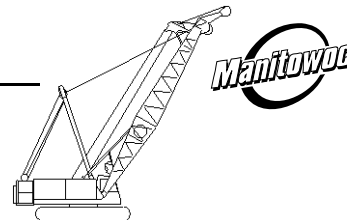
MACHINE EQUIPMENT: Machine equipped with 27 ft 2 in. crawlers, 48 in. treads, 10 ft 3 in. retractable gantry, 27 ft live mast, 20 part boom hoist reeving, boom support straps, 127,000 lb crane counterweight, and 0 lb carbody counterweight.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a) 242.8 ft	213.2 ft
1 Degree	232.9 ft	213.2 ft
2 Degree	232.9 ft	213.2 ft
3 Degree	232.9 ft	203.4 ft
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be attached on 242.8 ft boom. Jib cannot be attached on crawler machine while operating on a barge.		



127,000 lb Crane Counterweight
6 Side Boxes - No Center Box

Upper Boom Point Deduct
Deduct 1,100 lbs from capacities when upper boom point is attached.

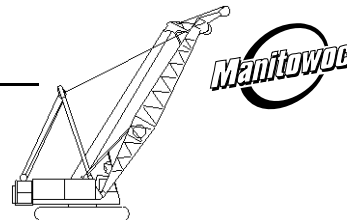


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
65.6 ft							
14	83.2	72.9	410,600 *b				14
15	82.3	72.7	385,600 *b				15
16	81.4	72.5	363,400 *b	335,800 *b			16
17	80.5	72.3	343,500 *b	318,700 *b	286,800 *b		17
18	79.7	72.1	325,600 *b	303,200 *b	270,300 *b	231,000 *b	18
19	78.8	71.9	309,500 *b	289,100 *b	255,600 *b	218,200 *b	19
20	77.9	71.7	294,800 *b	276,200 *b	242,300 *b	206,800 *b	20
22	76.1	71.1	269,100 *	251,600	219,400 *	187,000 *	22
24	74.2	70.5	239,300	218,300	200,300 *	170,400 *	24
26	72.4	69.8	208,900	192,500	178,300	156,500 *	26
28	70.5	69.1	185,000	171,900	160,300	144,500 *	28
30	68.6	68.3	165,800	155,100	145,500	134,100 *	30
32	66.7	67.4	150,000	141,100	133,000	125,000 *	32
34	64.8	66.4	136,800	129,300	122,400	116,100	34
36	62.8	65.3	125,600	119,100	113,200	107,700	36
38	60.8	64.2	115,900	110,400	105,200	100,400	38
40	58.7	62.9	107,500	102,700	98,200	94,000	40
42	56.6	61.5	100,100	95,900	92,000	88,200	42
44	54.4	60.0	93,600	89,900	86,400	83,100	44
46	52.2	58.5	87,800	84,500	81,400	78,400	46
48	49.9	56.7	82,600	79,700	76,900	74,200	48
50	47.5	54.8	77,900	75,300	72,800	70,400	50
55	41.0	49.3	67,900	65,900	64,000	62,200	55
60	33.4	42.3	59,800	58,300	56,900	55,500	60
65	23.7	32.3	53,100	52,000	51,000	50,000	65

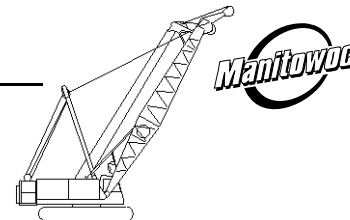


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0 lb Carbody Counterweight
Crawler Machine on a Barge
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14000 SERIES 1

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
75.5 ft							
16	82.6	82.5	363,000 *b				16
17	81.8	82.3	343,200 *b	315,500 *b			17
18	81.0	82.2	325,300 *b	300,300 *b	270,100 *b		18
19	80.2	82.0	309,200 *b	286,400 *b	255,400 *b		19
20	79.5	81.8	294,500 *b	273,700 *b	242,100 *b	206,500 *b	20
22	77.9	81.3	268,800 *	248,800	219,200 *	186,700 *	22
24	76.3	80.8	239,800	216,100	196,400	170,200 *	24
26	74.8	80.2	209,300	190,800	175,000	156,300 *	26
28	73.2	79.6	185,400	170,500	157,600	144,300 *	28
30	71.6	78.9	166,100	153,900	143,200	133,700	30
32	69.9	78.1	150,300	140,100	131,100	122,900	32
34	68.3	77.3	137,000	128,400	120,700	113,700	34
36	66.6	76.4	125,800	118,400	111,700	105,600	36
38	64.9	75.4	116,100	109,700	103,900	98,500	38
40	63.2	74.3	107,700	102,100	97,000	92,300	40
42	61.5	73.2	100,300	95,400	90,900	86,700	42
44	59.7	72.0	93,800	89,400	85,400	81,700	44
46	57.9	70.7	87,900	84,100	80,500	77,100	46
48	56.1	69.3	82,700	79,300	76,100	73,000	48
50	54.2	67.8	78,000	74,900	72,000	69,300	50
55	49.2	63.6	68,000	65,700	63,400	61,200	55
60	43.8	58.6	60,000	58,100	56,400	54,600	60
65	37.8	52.5	53,400	51,900	50,500	49,200	65
70	30.8	44.6	47,800	46,700	45,600	44,500	70
75	21.6	33.6	43,000	42,200	41,400	40,600	75

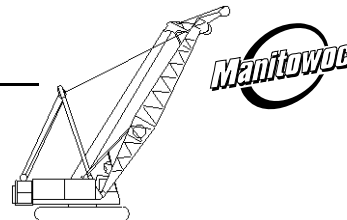


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85.3 ft							
17	82.7	92.3	342,800 *				17
18	82.1	92.2	324,900 *				18
19	81.4	92.0	308,800 *	283,700 *			19
20	80.7	91.8	294,100 *	271,100 *	241,900 *		20
22	79.3	91.4	268,500 *	245,800	218,200	186,400 *	22
24	78.0	90.9	240,100	213,900	192,400	169,900 *	24
26	76.6	90.4	209,500	189,000	171,800	156,000 *	26
28	75.2	89.9	185,500	169,000	154,900	142,700	28
30	73.8	89.3	166,300	152,700	140,900	130,600	30
32	72.4	88.6	150,400	139,000	129,100	120,200	32
34	70.9	87.9	137,100	127,500	118,900	111,300	34
36	69.5	87.1	125,800	117,600	110,200	103,500	36
38	68.0	86.2	116,100	109,000	102,500	96,600	38
40	66.6	85.3	107,700	101,400	95,700	90,500	40
42	65.1	84.4	100,300	94,800	89,700	85,100	42
44	63.6	83.4	93,800	88,900	84,400	80,200	44
46	62.0	82.3	87,900	83,600	79,500	75,800	46
48	60.5	81.1	82,700	78,800	75,200	71,700	48
50	58.9	79.8	78,000	74,500	71,200	68,100	50
55	54.8	76.4	68,000	65,300	62,700	60,200	55
60	50.5	72.4	60,000	57,800	55,700	53,700	60
65	45.9	67.7	53,400	51,600	49,900	48,300	65
70	40.8	62.1	47,900	46,400	45,100	43,700	70
75	35.2	55.3	43,200	42,000	40,900	39,800	75
80	28.6	46.8	39,100	38,200	37,300	36,400	80
85	19.8	34.8	35,500	34,800	34,100	33,500	85

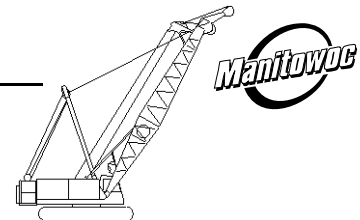


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 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
95.1 ft							
18	82.9	102.1	324,700 *				18
19	82.3	102.0	308,600 *				19
20	81.7	101.8	293,900 *	268,900 *			20
22	80.5	101.4	268,300 *	243,000	213,500		22
24	79.2	101.0	240,400	211,700	188,600	169,600	24
26	78.0	100.6	209,800	187,300	168,700	153,100	26
28	76.7	100.1	185,800	167,700	152,400	139,400	28
30	75.5	99.5	166,500	151,600	138,800	127,700	30
32	74.2	98.9	150,600	138,100	127,300	117,800	32
34	73.0	98.3	137,300	126,700	117,400	109,100	34
36	71.7	97.6	126,000	116,900	108,800	101,600	36
38	70.4	96.9	116,300	108,400	101,300	94,900	38
40	69.1	96.1	107,800	100,900	94,700	89,000	40
42	67.8	95.2	100,400	94,300	88,800	83,700	42
44	66.5	94.3	93,900	88,400	83,500	78,900	44
46	65.2	93.4	88,000	83,200	78,700	74,600	46
48	63.8	92.4	82,800	78,400	74,400	70,700	48
50	62.5	91.3	78,100	74,200	70,500	67,100	50
55	59.0	88.3	68,100	65,000	62,100	59,400	55
60	55.3	84.9	60,100	57,600	55,300	53,000	60
65	51.5	81.0	53,500	51,500	49,500	47,700	65
70	47.4	76.6	48,000	46,300	44,700	43,200	70
75	43.1	71.4	43,300	41,900	40,600	39,300	75
80	38.4	65.3	39,300	38,100	37,000	36,000	80
85	33.0	58.0	35,700	34,800	33,900	33,000	85
90	26.7	48.7	32,600	31,900	31,100	30,400	90
95	18.4	35.8	29,800	29,200	28,700	28,100	95

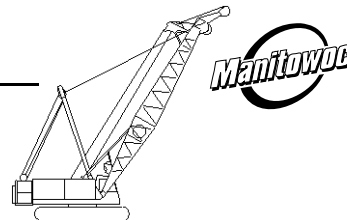


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
105.0 ft							
19	83.0	111.9	308,100 *				19
20	82.5	111.8	293,500 *				20
22	81.4	111.4	267,800 *	240,100			22
24	80.2	111.1	240,600	209,400	184,800		24
26	79.1	110.7	209,900	185,400	165,600	149,100	26
28	78.0	110.2	185,800	166,100	149,700	136,000	28
30	76.9	109.7	166,500	150,200	136,500	124,800	30
32	75.8	109.2	150,500	136,900	125,300	115,200	32
34	74.6	108.6	137,200	125,600	115,600	106,800	34
36	73.5	108.0	125,900	115,900	107,200	99,500	36
38	72.3	107.3	116,200	107,500	99,800	93,000	38
40	71.2	106.6	107,700	100,100	93,300	87,300	40
42	70.0	105.9	100,300	93,600	87,500	82,100	42
44	68.8	105.1	93,700	87,700	82,300	77,400	44
46	67.7	104.2	87,900	82,500	77,700	73,200	46
48	66.5	103.3	82,600	77,800	73,400	69,400	48
50	65.2	102.4	77,900	73,600	69,600	65,900	50
55	62.2	99.8	67,900	64,500	61,300	58,300	55
60	59.0	96.8	59,900	57,100	54,500	52,100	60
65	55.7	93.5	53,300	51,000	48,900	46,800	65
70	52.3	89.7	47,800	45,900	44,100	42,400	70
75	48.7	85.3	43,100	41,500	40,000	38,600	75
80	44.9	80.4	39,100	37,700	36,500	35,200	80
85	40.8	74.8	35,600	34,400	33,400	32,300	85
90	36.2	68.2	32,500	31,500	30,600	29,700	90
95	31.2	60.4	29,700	28,900	28,200	27,400	95
100	25.1	50.5	27,300	26,600	26,000	25,400	100
105	17.1	36.7	25,000	24,500	24,000	23,500	105

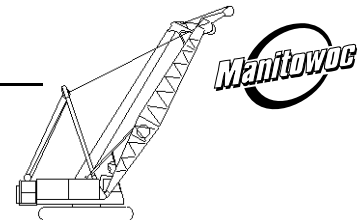


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114.8 ft							
22	82.1	121.4	267,600 *				22
24	81.1	121.1	240,800	207,200			24
26	80.1	120.7	210,000	183,600	162,600		26
28	79.1	120.3	185,900	164,600	147,200	132,800	28
30	78.0	119.8	166,500	149,000	134,400	122,000	30
32	77.0	119.4	150,600	135,800	123,400	112,800	32
34	76.0	118.8	137,200	124,700	114,000	104,700	34
36	74.9	118.3	125,900	115,100	105,800	97,600	36
38	73.9	117.7	116,100	106,800	98,500	91,300	38
40	72.9	117.1	107,700	99,400	92,200	85,700	40
42	71.8	116.4	100,200	93,000	86,500	80,700	42
44	70.7	115.6	93,700	87,200	81,400	76,100	44
46	69.7	114.9	87,800	82,000	76,800	72,000	46
48	68.6	114.1	82,600	77,300	72,600	68,300	48
50	67.5	113.2	77,800	73,100	68,800	64,800	50
55	64.8	110.9	67,800	64,100	60,600	57,400	55
60	61.9	108.3	59,800	56,800	53,900	51,300	60
65	59.0	105.3	53,200	50,700	48,300	46,100	65
70	56.0	102.0	47,700	45,600	43,600	41,800	70
75	52.9	98.3	43,000	41,300	39,600	38,000	75
80	49.7	94.1	39,000	37,500	36,100	34,700	80
85	46.3	89.4	35,500	34,200	33,000	31,800	85
90	42.6	84.1	32,400	31,300	30,300	29,300	90
95	38.7	78.1	29,700	28,800	27,900	27,000	95
100	34.4	71.0	27,300	26,500	25,700	24,900	100
105	29.6	62.7	25,100	24,400	23,700	23,100	105
110	23.8	52.2	23,100	22,500	22,000	21,400	110
115	16.0	37.5	21,200	20,800	20,300	19,900	115

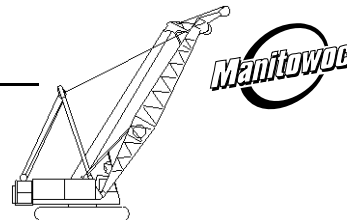


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124.7 ft							
22	82.7	131.4	267,300 *				22
24	81.8	131.1	241,000	205,100			24
26	80.9	130.7	210,200	181,900	159,800		26
28	79.9	130.3	186,100	163,200	144,900	129,800	28
30	79.0	129.9	166,600	147,800	132,300	119,400	30
32	78.1	129.5	150,700	134,800	121,600	110,500	32
34	77.1	129.0	137,300	123,800	112,400	102,700	34
36	76.2	128.5	125,900	114,300	104,400	95,800	36
38	75.2	127.9	116,200	106,100	97,300	89,700	38
40	74.3	127.4	107,700	98,800	91,100	84,200	40
42	73.3	126.7	100,200	92,400	85,500	79,300	42
44	72.3	126.1	93,700	86,700	80,500	74,900	44
46	71.4	125.4	87,800	81,500	75,900	70,900	46
48	70.4	124.7	82,500	76,900	71,800	67,200	48
50	69.4	123.9	77,800	72,700	68,100	63,800	50
55	66.9	121.8	67,800	63,700	60,000	56,600	55
60	64.3	119.4	59,700	56,400	53,400	50,500	60
65	61.7	116.7	53,100	50,400	47,900	45,500	65
70	59.1	113.8	47,600	45,300	43,200	41,200	70
75	56.3	110.5	43,000	41,000	39,200	37,500	75
80	53.5	106.8	38,900	37,300	35,700	34,200	80
85	50.5	102.8	35,400	34,000	32,700	31,400	85
90	47.4	98.3	32,400	31,100	30,000	28,800	90
95	44.2	93.2	29,700	28,600	27,600	26,600	95
100	40.7	87.6	27,200	26,300	25,400	24,600	100
105	36.9	81.1	25,000	24,200	23,500	22,700	105
110	32.8	73.7	23,100	22,400	21,700	21,100	110
115	28.1	64.8	21,300	20,700	20,100	19,600	115
120	22.6	53.7	19,600	19,100	18,600	18,200	120

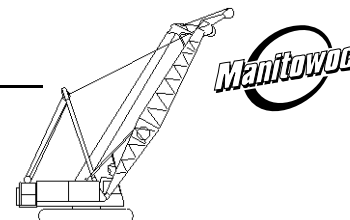


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134.5 ft							
24	82.4	141.0	241,100				24
26	81.5	140.7	210,300	180,100			26
28	80.7	140.4	186,100	161,700	142,500		28
30	79.8	140.0	166,600	146,500	130,300	116,800	30
32	78.9	139.6	150,600	133,700	119,800	108,200	32
34	78.1	139.1	137,200	122,800	110,800	100,600	34
36	77.2	138.7	125,900	113,400	102,900	93,900	36
38	76.3	138.1	116,100	105,300	96,000	88,000	38
40	75.4	137.6	107,600	98,100	89,900	82,700	40
42	74.6	137.0	100,100	91,700	84,400	77,900	42
44	73.7	136.4	93,500	86,000	79,400	73,600	44
46	72.8	135.8	87,700	80,900	75,000	69,700	46
48	71.9	135.1	82,400	76,300	70,900	66,100	48
50	71.0	134.4	77,700	72,200	67,200	62,800	50
55	68.7	132.5	67,600	63,300	59,300	55,600	55
60	66.4	130.3	59,600	56,000	52,700	49,700	60
65	64.0	127.9	53,000	50,000	47,300	44,700	65
70	61.6	125.2	47,500	45,000	42,700	40,500	70
75	59.1	122.3	42,800	40,700	38,700	36,800	75
80	56.6	119.0	38,800	37,000	35,200	33,600	80
85	53.9	115.4	35,300	33,700	32,200	30,800	85
90	51.2	111.4	32,200	30,800	29,600	28,300	90
95	48.4	107.1	29,500	28,300	27,200	26,100	95
100	45.4	102.2	27,100	26,000	25,000	24,100	100
105	42.3	96.9	24,900	24,000	23,100	22,300	105
110	39.0	90.8	22,900	22,100	21,400	20,600	110
115	35.4	84.0	21,100	20,500	19,800	19,100	115
120	31.4	76.1	19,500	18,900	18,300	17,700	120
125	26.9	66.8	18,000	17,500	17,000	16,500	125
130	21.5	55.1	16,600	16,200	15,700	15,300	130

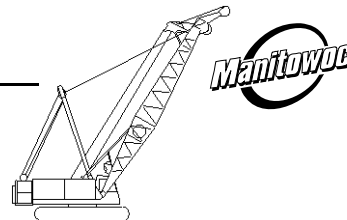


Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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
144.4 ft							
24	82.9	151.0	238,600 *				24
26	82.1	150.7	210,300				26
28	81.3	150.4	186,000	160,200			28
30	80.5	150.0	166,500	145,200	128,100		30
32	79.7	149.6	150,500	132,500	117,900	105,800	32
34	78.9	149.2	137,100	121,800	109,100	98,500	34
36	78.1	148.8	125,700	112,500	101,400	92,000	36
38	77.3	148.3	115,900	104,400	94,600	86,200	38
40	76.5	147.8	107,400	97,200	88,600	81,100	40
42	75.6	147.3	99,900	90,900	83,200	76,400	42
44	74.8	146.7	93,300	85,300	78,300	72,200	44
46	74.0	146.1	87,400	80,200	73,900	68,300	46
48	73.1	145.5	82,100	75,700	69,900	64,800	48
50	72.3	144.8	77,400	71,500	66,300	61,600	50
55	70.2	143.1	67,300	62,600	58,400	54,600	55
60	68.1	141.1	59,300	55,400	52,000	48,800	60
65	65.9	138.8	52,600	49,500	46,600	43,900	65
70	63.7	136.4	47,100	44,400	42,000	39,700	70
75	61.4	133.7	42,400	40,200	38,000	36,000	75
80	59.1	130.7	38,400	36,400	34,600	32,900	80
85	56.8	127.5	34,900	33,200	31,600	30,100	85
90	54.3	123.9	31,800	30,400	29,000	27,600	90
95	51.8	120.1	29,100	27,800	26,600	25,400	95
100	49.2	115.8	26,700	25,600	24,500	23,400	100
105	46.5	111.2	24,500	23,500	22,600	21,600	105
110	43.7	106.0	22,600	21,700	20,800	20,000	110
115	40.6	100.3	20,800	20,000	19,200	18,500	115
120	37.4	93.9	19,200	18,500	17,800	17,100	120
125	34.0	86.7	17,700	17,100	16,500	15,900	125
130	30.1	78.5	16,300	15,800	15,200	14,700	130
135	25.7	68.7	15,000	14,600	14,100	13,700	135
140	20.5	56.4	13,800	13,400	13,000	12,700	140

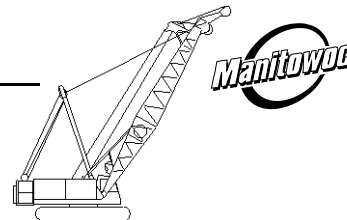


Liftcrane Boom Capacities

Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
154.2 ft							
26	82.6	160.6	210,200				26
28	81.9	160.3	186,000	158,600			28
30	81.1	160.0	166,400	143,800			30
32	80.4	159.6	150,400	131,400	116,100		32
34	79.6	159.2	136,900	120,700	107,500	96,500	34
36	78.9	158.8	125,500	111,500	100,000	90,200	36
38	78.1	158.4	115,700	103,500	93,300	84,600	38
40	77.3	157.9	107,200	96,500	87,400	79,600	40
42	76.6	157.4	99,700	90,200	82,100	75,000	42
44	75.8	156.9	93,100	84,600	77,300	70,900	44
46	75.0	156.4	87,200	79,600	73,000	67,100	46
48	74.3	155.8	81,900	75,100	69,000	63,700	48
50	73.5	155.2	77,200	70,900	65,400	60,500	50
55	71.5	153.5	67,100	62,100	57,700	53,600	55
60	69.5	151.7	59,000	55,000	51,300	47,900	60
65	67.5	149.6	52,400	49,000	45,900	43,100	65
70	65.5	147.4	46,900	44,000	41,400	39,000	70
75	63.4	144.9	42,200	39,800	37,500	35,400	75
80	61.3	142.2	38,200	36,100	34,100	32,300	80
85	59.2	139.2	34,700	32,800	31,100	29,500	85
90	56.9	136.0	31,600	30,000	28,500	27,100	90
95	54.7	132.5	28,900	27,500	26,100	24,900	95
100	52.3	128.7	26,500	25,200	24,000	22,900	100
105	49.9	124.5	24,300	23,200	22,100	21,100	105
110	47.4	120.0	22,300	21,400	20,400	19,500	110
115	44.8	115.0	20,600	19,700	18,900	18,000	115
120	42.1	109.6	18,900	18,200	17,400	16,700	120
125	39.2	103.6	17,500	16,800	16,100	15,400	125
130	36.0	96.9	16,100	15,500	14,900	14,300	130
135	32.7	89.4	14,800	14,300	13,700	13,200	135
140	29.0	80.7	13,600	13,200	12,700	12,200	140
145	24.7	70.4	12,500	12,100	11,700	11,300	145
150	19.6	57.7	11,500	11,200	10,800	10,500	150

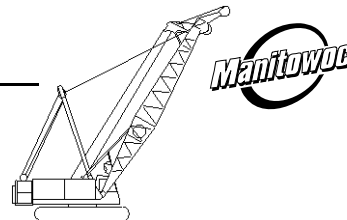


Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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
164.0 ft							
28	82.4	170.3	186,000				28
30	81.7	170.0	166,400	142,600			30
32	81.0	169.6	150,400	130,300	114,400		32
34	80.2	169.3	136,900	119,800	106,000		34
36	79.5	168.9	125,500	110,700	98,600	88,500	36
38	78.8	168.5	115,600	102,800	92,100	83,100	38
40	78.1	168.0	107,100	95,800	86,300	78,200	40
42	77.4	167.6	99,600	89,600	81,000	73,700	42
44	76.7	167.1	93,000	84,000	76,300	69,700	44
46	76.0	166.6	87,100	79,000	72,100	66,000	46
48	75.2	166.0	81,800	74,500	68,200	62,600	48
50	74.5	165.5	77,000	70,400	64,700	59,500	50
55	72.7	163.9	67,000	61,700	57,000	52,800	55
60	70.8	162.2	58,900	54,600	50,700	47,200	60
65	69.0	160.3	52,300	48,700	45,400	42,400	65
70	67.1	158.2	46,700	43,700	40,900	38,300	70
75	65.1	155.9	42,000	39,400	37,000	34,800	75
80	63.2	153.4	38,000	35,800	33,700	31,700	80
85	61.2	150.6	34,500	32,500	30,700	29,000	85
90	59.2	147.7	31,400	29,700	28,100	26,600	90
95	57.1	144.5	28,700	27,200	25,800	24,400	95
100	55.0	141.0	26,300	24,900	23,700	22,500	100
105	52.8	137.3	24,100	22,900	21,800	20,700	105
110	50.5	133.2	22,200	21,100	20,100	19,100	110
115	48.2	128.8	20,400	19,400	18,500	17,700	115
120	45.8	124.0	18,800	17,900	17,100	16,300	120
125	43.3	118.8	17,300	16,500	15,800	15,100	125
130	40.6	113.1	15,900	15,200	14,600	13,900	130
135	37.8	106.7	14,700	14,100	13,500	12,900	135
140	34.8	99.7	13,500	13,000	12,400	11,900	140
145	31.5	91.8	12,400	11,900	11,500	11,000	145
150	27.9	82.8	11,400	11,000	10,500	10,100	150
155	23.8	72.1	10,400	10,100	9,700	9,300	155
160	18.8	58.8	9,500	9,200	8,900	8,600	160

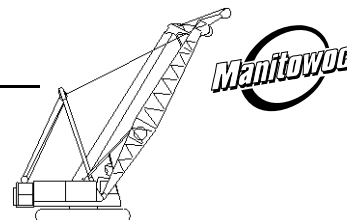


Liftcrane Boom Capacities

Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
173.9 ft							
28	82.8	180.2	185,900				28
30	82.1	179.9	166,300				30
32	81.5	179.6	150,200	129,200			32
34	80.8	179.3	136,700	118,800	104,500		34
36	80.1	178.9	125,300	109,800	97,200		36
38	79.5	178.5	115,500	101,900	90,800	81,500	38
40	78.8	178.1	106,900	95,000	85,100	76,700	40
42	78.1	177.7	99,400	88,800	79,900	72,400	42
44	77.4	177.2	92,800	83,300	75,300	68,400	44
46	76.8	176.7	86,900	78,400	71,100	64,800	46
48	76.1	176.2	81,600	73,900	67,300	61,500	48
50	75.4	175.7	76,800	69,900	63,800	58,500	50
55	73.7	174.2	66,700	61,200	56,200	51,900	55
60	72.0	172.6	58,600	54,100	50,000	46,300	60
65	70.2	170.8	52,000	48,200	44,800	41,700	65
70	68.4	168.9	46,400	43,200	40,300	37,600	70
75	66.6	166.7	41,700	39,000	36,500	34,200	75
80	64.8	164.4	37,700	35,300	33,200	31,100	80
85	63.0	161.9	34,200	32,100	30,200	28,400	85
90	61.1	159.1	31,100	29,300	27,600	26,000	90
95	59.2	156.2	28,400	26,800	25,300	23,900	95
100	57.2	153.0	26,000	24,600	23,200	22,000	100
105	55.2	149.6	23,800	22,600	21,400	20,200	105
110	53.2	145.8	21,900	20,700	19,700	18,600	110
115	51.1	141.9	20,100	19,100	18,100	17,200	115
120	48.9	137.5	18,500	17,600	16,700	15,800	120
125	46.6	132.9	17,000	16,200	15,400	14,600	125
130	44.3	127.8	15,700	14,900	14,200	13,500	130
135	41.9	122.3	14,400	13,700	13,100	12,400	135
140	39.3	116.4	13,200	12,600	12,000	11,500	140
145	36.6	109.8	12,200	11,600	11,100	10,600	145
150	33.6	102.4	11,200	10,700	10,200	9,700	150
155	30.5	94.2	10,200	9,800	9,300	8,900	155
160	27.0	84.8	9,300	8,900	8,500	8,200	160
165	22.9	73.7	8,500	8,100	7,800	7,500	165
170	18.1	59.8	7,700	7,400	7,100	6,800	170

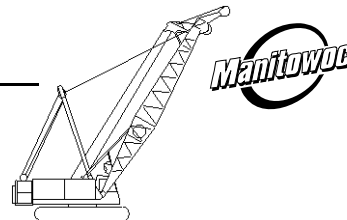


Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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
183.7 ft							
30	82.6	189.9	166,200				30
32	81.9	189.6	150,100	128,000			32
34	81.3	189.3	136,600	117,700			34
36	80.7	188.9	125,100	108,800	95,800		36
38	80.0	188.6	115,200	101,000	89,500	79,900	38
40	79.4	188.2	106,700	94,100	83,800	75,200	40
42	78.8	187.7	99,200	88,000	78,800	71,000	42
44	78.1	187.3	92,500	82,600	74,200	67,100	44
46	77.5	186.9	86,600	77,700	70,100	63,600	46
48	76.8	186.4	81,300	73,200	66,300	60,300	48
50	76.2	185.9	76,500	69,200	62,900	57,400	50
55	74.6	184.5	66,400	60,500	55,400	50,800	55
60	73.0	183.0	58,300	53,500	49,200	45,400	60
65	71.3	181.3	51,600	47,600	44,000	40,800	65
70	69.7	179.5	46,100	42,700	39,600	36,800	70
75	68.0	177.4	41,400	38,500	35,800	33,400	75
80	66.3	175.3	37,300	34,800	32,500	30,400	80
85	64.5	172.9	33,800	31,600	29,600	27,700	85
90	62.8	170.4	30,700	28,800	27,000	25,400	90
95	61.0	167.6	28,000	26,300	24,700	23,200	95
100	59.2	164.6	25,600	24,100	22,700	21,300	100
105	57.4	161.5	23,400	22,100	20,800	19,600	105
110	55.5	158.1	21,500	20,300	19,100	18,000	110
115	53.5	154.4	19,700	18,600	17,600	16,600	115
120	51.6	150.5	18,100	17,100	16,100	15,200	120
125	49.5	146.3	16,600	15,700	14,900	14,000	125
130	47.4	141.7	15,200	14,400	13,700	12,900	130
135	45.2	136.8	14,000	13,300	12,500	11,900	135
140	43.0	131.5	12,800	12,200	11,500	10,900	140
145	40.6	125.8	11,800	11,100	10,600	10,000	145
150	38.1	119.5	10,700	10,200	9,700	9,100	150
155	35.4	112.7	9,800	9,300	8,800	8,300	155
160	32.6	105.1	8,900	8,500	8,000	7,600	160
165	29.5	96.5	8,100	7,700	7,300	6,900	165
170	26.1	86.7	7,300	7,000	6,600	6,200	170
175	22.2	75.2	6,600	6,300	5,900	5,600	175
180	17.4	60.7	5,900	5,600	5,300	5,000	180

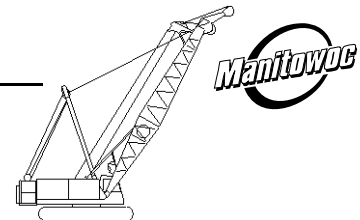


Liftcrane Boom Capacities

Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
193.6 ft							
30	82.9	199.8	166,100				30
32	82.3	199.5	149,900				32
34	81.8	199.2	136,400	116,700			34
36	81.2	198.9	124,900	107,900			36
38	80.6	198.6	115,000	100,200	88,200		38
40	79.9	198.2	106,400	93,300	82,700	73,800	40
42	79.3	197.8	98,900	87,300	77,700	69,600	42
44	78.7	197.4	92,300	81,900	73,200	65,800	44
46	78.1	196.9	86,300	77,000	69,100	62,400	46
48	77.5	196.5	81,000	72,600	65,400	59,200	48
50	76.9	196.0	76,300	68,600	62,000	56,300	50
55	75.4	194.7	66,100	60,000	54,600	49,900	55
60	73.9	193.3	58,000	53,000	48,500	44,600	60
65	72.3	191.7	51,300	47,100	43,400	40,000	65
70	70.7	190.0	45,800	42,200	39,000	36,100	70
75	69.1	188.1	41,100	38,000	35,200	32,700	75
80	67.5	186.0	37,000	34,400	32,000	29,700	80
85	65.9	183.8	33,500	31,200	29,100	27,100	85
90	64.3	181.4	30,400	28,400	26,500	24,800	90
95	62.6	178.8	27,700	25,900	24,200	22,700	95
100	60.9	176.1	25,300	23,700	22,200	20,800	100
105	59.2	173.1	23,100	21,700	20,300	19,100	105
110	57.5	170.0	21,100	19,900	18,600	17,500	110
115	55.7	166.6	19,400	18,200	17,100	16,100	115
120	53.9	163.0	17,800	16,700	15,700	14,800	120
125	52.0	159.1	16,300	15,300	14,400	13,500	125
130	50.1	154.9	14,900	14,100	13,200	12,400	130
135	48.1	150.5	13,700	12,900	12,100	11,400	135
140	46.0	145.7	12,500	11,800	11,100	10,400	140
145	43.9	140.6	11,400	10,800	10,100	9,500	145
150	41.7	135.1	10,400	9,800	9,300	8,700	150
155	39.4	129.1	9,500	9,000	8,400	7,900	155
160	37.0	122.6	8,600	8,100	7,600	7,200	160
165	34.4	115.5	7,800	7,300	6,900	6,500	165
170	31.6	107.6	7,000	6,600	6,200	5,800	170
175	28.6	98.7	6,300	5,900	5,600	5,200	175
180	25.3	88.6	5,600	5,300	4,900	4,600	180
185	21.4	76.6	4,900	4,600	4,300	4,100	185
190	16.8	61.6	4,300	4,000			190

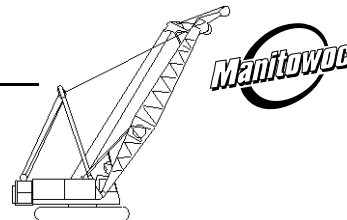


Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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
203.4 ft							
32	82.7	209.5	149,800				32
34	82.2	209.2	136,300				34
36	81.6	208.9	124,800	107,000			36
38	81.0	208.6	114,900	99,400	87,000		38
40	80.4	208.2	106,300	92,600	81,500		40
42	79.9	207.8	98,800	86,600	76,700	68,400	42
44	79.3	207.4	92,100	81,200	72,200	64,700	44
46	78.7	207.0	86,200	76,400	68,200	61,300	46
48	78.1	206.6	80,800	72,000	64,600	58,200	48
50	77.6	206.1	76,100	68,000	61,200	55,300	50
55	76.1	204.9	65,900	59,500	53,900	49,000	55
60	74.7	203.6	57,800	52,500	47,900	43,800	60
65	73.2	202.1	51,100	46,700	42,800	39,300	65
70	71.7	200.4	45,500	41,800	38,500	35,500	70
75	70.2	198.6	40,800	37,600	34,700	32,100	75
80	68.7	196.7	36,800	34,000	31,500	29,200	80
85	67.2	194.6	33,200	30,800	28,600	26,600	85
90	65.6	192.3	30,200	28,000	26,100	24,300	90
95	64.1	189.9	27,400	25,600	23,800	22,200	95
100	62.5	187.3	25,000	23,300	21,800	20,300	100
105	60.9	184.6	22,800	21,300	19,900	18,600	105
110	59.2	181.6	20,900	19,500	18,300	17,000	110
115	57.6	178.4	19,100	17,900	16,700	15,600	115
120	55.9	175.1	17,500	16,400	15,300	14,300	120
125	54.1	171.5	16,000	15,000	14,000	13,100	125
130	52.4	167.7	14,700	13,700	12,900	12,000	130
135	50.5	163.6	13,400	12,600	11,800	11,000	135
140	48.7	159.3	12,300	11,500	10,700	10,000	140
145	46.8	154.6	11,200	10,500	9,800	9,100	145
150	44.8	149.6	10,200	9,500	8,900	8,300	150
155	42.7	144.3	9,300	8,700	8,100	7,500	155
160	40.6	138.5	8,400	7,800	7,300	6,800	160
165	38.3	132.3	7,600	7,100	6,600	6,100	165
170	35.9	125.6	6,800	6,300	5,900	5,500	170
175	33.4	118.2	6,100	5,600	5,200	4,800	175
180	30.7	110.0	5,400	5,000	4,600	4,300	180
185	27.8	100.8	4,700	4,400	4,000		185
190	24.5	90.4	4,100				190

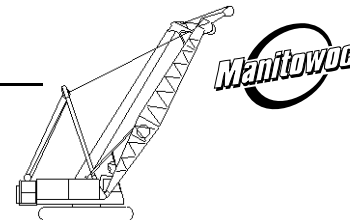


Liftcrane Boom Capacities

Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
213.2 ft							
34	82.5	219.1	136,100				34
36	82.0	218.8	124,600	106,100			36
38	81.4	218.5	114,700	98,500			38
40	80.9	218.2	106,100	91,800	79,000 *		40
42	80.3	217.8	98,500	85,900	75,600		42
44	79.8	217.5	91,800	80,500	71,200	61,500 *	44
46	79.2	217.1	85,900	75,700	67,300	60,200	46
48	78.7	216.7	80,600	71,400	63,700	57,100	48
50	78.1	216.2	75,800	67,400	60,300	54,300	50
55	76.8	215.1	65,600	58,900	53,100	48,100	55
60	75.4	213.8	57,500	52,000	47,200	43,000	60
65	74.0	212.3	50,800	46,200	42,200	38,500	65
70	72.6	210.8	45,200	41,300	37,900	34,700	70
75	71.2	209.1	40,500	37,200	34,200	31,400	75
80	69.7	207.2	36,500	33,600	30,900	28,500	80
85	68.3	205.3	32,900	30,400	28,100	26,000	85
90	66.8	203.1	29,800	27,600	25,600	23,700	90
95	65.3	200.9	27,100	25,100	23,300	21,600	95
100	63.9	198.4	24,700	22,900	21,300	19,800	100
105	62.3	195.8	22,500	20,900	19,500	18,100	105
110	60.8	193.0	20,600	19,100	17,800	16,500	110
115	59.2	190.1	18,800	17,500	16,300	15,100	115
120	57.7	186.9	17,200	16,000	14,900	13,800	120
125	56.0	183.6	15,700	14,600	13,600	12,600	125
130	54.4	180.1	14,300	13,400	12,400	11,500	130
135	52.7	176.3	13,100	12,200	11,300	10,500	135
140	51.0	172.3	11,900	11,100	10,300	9,600	140
145	49.2	168.0	10,800	10,100	9,400	8,700	145
150	47.4	163.4	9,900	9,200	8,500	7,900	150
155	45.5	158.6	8,900	8,300	7,700	7,100	155
160	43.6	153.4	8,100	7,500	6,900	6,300	160
165	41.6	147.9	7,200	6,700	6,200	5,700	165
170	39.5	141.9	6,500	6,000	5,500	5,000	170
175	37.3	135.4	5,700	5,300	4,800	4,400	175
180	35.0	128.4	5,100	4,600	4,200		180
185	32.5	120.8	4,400	4,000			185

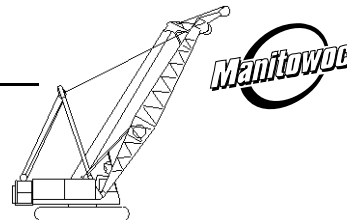


Liftcrane Boom Capacities

Boom No. 76
127,000 lb Crane Counterweight
0 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 1

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
223.1 ft							
34	82.9	229.1	135,800 *				34
36	82.3	228.8	124,300				36
38	81.8	228.5	114,300	97,500			38
40	81.3	228.2	105,700	90,900			40
42	80.8	227.8	98,200	85,000	73,600 *		42
44	80.2	227.5	91,500	79,700	70,100		44
46	79.7	227.1	85,500	74,900	66,200	56,900 *	46
48	79.2	226.7	80,200	70,600	62,600	55,900	48
50	78.7	226.3	75,400	66,600	59,300	53,100	50
55	77.4	225.2	65,200	58,200	52,200	47,000	55
60	76.0	223.9	57,000	51,300	46,300	41,900	60
65	74.7	222.6	50,300	45,500	41,300	37,600	65
70	73.4	221.1	44,700	40,700	37,100	33,800	70
75	72.0	219.5	40,000	36,500	33,400	30,600	75
80	70.7	217.7	35,900	32,900	30,200	27,700	80
85	69.3	215.9	32,400	29,700	27,300	25,100	85
90	67.9	213.9	29,300	27,000	24,800	22,900	90
95	66.5	211.7	26,600	24,500	22,600	20,800	95
100	65.1	209.4	24,100	22,300	20,600	19,000	100
105	63.7	206.9	22,000	20,300	18,700	17,300	105
110	62.2	204.3	20,000	18,500	17,100	15,800	110
115	60.7	201.5	18,200	16,900	15,600	14,400	115
120	59.3	198.6	16,600	15,400	14,200	13,100	120
125	57.7	195.4	15,100	14,000	12,900	11,900	125
130	56.2	192.1	13,800	12,700	11,700	10,800	130
135	54.6	188.6	12,500	11,600	10,700	9,800	135
140	53.0	184.9	11,300	10,500	9,700	8,900	140
145	51.4	180.9	10,300	9,500	8,700	8,000	145
150	49.7	176.7	9,300	8,500	7,800	7,200	150
155	48.0	172.2	8,300	7,700	7,000	6,400	155
160	46.2	167.5	7,500	6,800	6,200	5,700	160
165	44.4	162.4	6,700	6,100	5,500	5,000	165
170	42.5	157.1	5,900	5,400	4,800	4,300	170
175	40.5	151.3	5,200	4,700	4,200		175
180	38.5	145.1	4,500	4,000			180

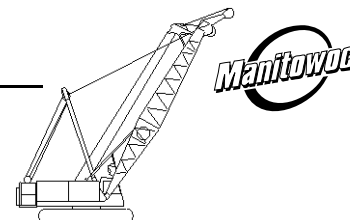


Liftcrane Boom Capacities

Boom No. 76
 127,000 lb Crane Counterweight
 0 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 1

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
232.9 ft							
36	82.7	238.7	122,600 *				36
38	82.2	238.4	114,700				38
40	81.7	238.1	106,100	90,700			40
42	81.2	237.8	98,500	84,800			42
44	80.7	237.5	91,800	79,600	66,700 *		44
46	80.2	237.1	85,900	74,800	65,800		46
48	79.7	236.7	80,500	70,500	62,300	51,300 *	48
50	79.2	236.4	75,700	66,600	59,100	51,300 *	50
55	77.9	235.3	65,500	58,200	52,000	46,700	55
60	76.6	234.1	57,300	51,300	46,200	41,700	60
65	75.4	232.8	50,600	45,600	41,300	37,400	65
70	74.1	231.4	45,000	40,800	37,100	33,700	70
75	72.8	229.9	40,300	36,600	33,400	30,500	75
80	71.5	228.2	36,200	33,100	30,200	27,700	80
85	70.2	226.4	32,700	29,900	27,400	25,100	85
90	68.9	224.5	29,600	27,100	24,900	22,900	90
95	67.6	222.4	26,800	24,700	22,700	20,900	95
100	66.2	220.2	24,400	22,500	20,700	19,000	100
105	64.9	217.9	22,200	20,500	18,900	17,400	105
110	63.5	215.4	20,300	18,700	17,200	15,900	110
115	62.1	212.8	18,500	17,100	15,700	14,500	115
120	60.7	210.0	16,900	15,600	14,400	13,200	120
125	59.3	207.0	15,400	14,200	13,100	12,000	125
130	57.8	203.9	14,000	12,900	11,900	10,900	130
135	56.3	200.6	12,800	11,800	10,800	9,900	135
140	54.8	197.1	11,600	10,700	9,800	9,000	140
145	53.3	193.4	10,500	9,700	8,900	8,100	145
150	51.7	189.5	9,500	8,800	8,000	7,300	150
155	50.1	185.4	8,600	7,900	7,200	6,500	155
160	48.5	181.0	7,700	7,100	6,400	5,800	160
165	46.8	176.3	6,900	6,300	5,700	5,100	165
170	45.1	171.4	6,200	5,600	5,000	4,500	170
175	43.3	166.2	5,400	4,900	4,400		175
180	41.5	160.6	4,800	4,300			180
185	39.6	154.6	4,100				185



Liftcrane Boom Capacities

Boom No. 76

127,000 lb Crane Counterweight

0 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

14000 SERIES 1

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
242.8 ft			
36	83.0	248.7	111,600 *
38	82.5	248.4	111,100 *
40	82.0	248.1	105,900
42	81.5	247.8	98,300
44	81.0	247.5	91,600
46	80.6	247.1	85,700
48	80.1	246.8	80,300
50	79.6	246.4	75,500
55	78.4	245.4	65,300
60	77.2	244.2	57,100
65	76.0	243.0	50,400
70	74.8	241.6	44,800
75	73.5	240.2	40,000
80	72.3	238.6	35,900
85	71.0	236.9	32,400
90	69.8	235.0	29,300
95	68.5	233.1	26,600
100	67.2	231.0	24,100
105	65.9	228.8	21,900
110	64.6	226.4	20,000
115	63.3	223.9	18,200
120	62.0	221.3	16,600
125	60.6	218.5	15,100
130	59.3	215.5	13,700
135	57.9	212.4	12,500
140	56.5	209.1	11,300
145	55.0	205.6	10,200
150	53.6	202.0	9,200
155	52.1	198.1	8,300
160	50.6	194.0	7,400
165	49.0	189.7	6,600
170	47.4	185.2	5,800
175	45.8	180.3	5,100
180	44.1	175.2	4,400