

Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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 292 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.

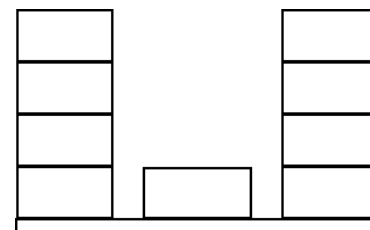
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall 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, 168,000 lb crane counterweight, and two 26,500 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)292.0 ft	(a)262.5 ft
1 Degree	282.1 ft	252.6 ft
2 Degree	282.1 ft	252.6 ft
3 Degree	272.3 ft	252.6 ft

Load block, hook and weight ball on barge deck at start.
(a) Upper boom point cannot be used on 292.0 ft boom, or over side of crawlers on 262.5 ft boom. Jib cannot be attached on crawler machine while operating on a barge.

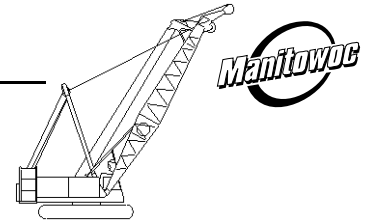


168,000 lb Crane Counterweight
8 Side Boxes - 1 Center Box

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

Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.



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53,000 lb Carbody Counterweight

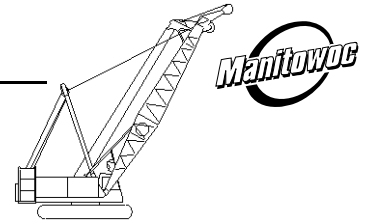
Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

14000 SERIES 2

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	441,000 *b				14
15	82.3	72.7	409,500 *b				15
16	81.4	72.5	386,000 *b	356,500 *b			16
17	80.5	72.3	364,900 *b	338,300 *b	309,800 *b		17
18	79.7	72.1	346,000 *b	321,900 *b	292,000 *b	255,700 *b	18
19	78.8	71.9	328,900 *b	306,900 *b	276,200 *b	241,700 *b	19
20	77.9	71.7	313,300 *b	293,200 *b	261,900 *b	229,000 *b	20
22	76.1	71.1	286,100 *	269,200 *	237,200 *	207,200 *	22
24	74.2	70.5	263,100 *	248,600 *	216,600 *	189,000 *	24
26	72.4	69.8	243,400 *	230,800 *	199,200 *	173,600 *	26
28	70.5	69.1	226,300 *	215,400 *	184,200 *	160,400 *	28
30	68.6	68.3	211,300 *	201,800 *	171,300 *	148,900 *	30
32	66.7	67.4	198,000 *	188,600	159,900 *	138,900 *	32
34	64.8	66.4	183,000	173,100	149,900 *	130,100 *	34
36	62.8	65.3	168,300	159,800	141,000 *	122,200 *	36
38	60.8	64.2	155,600	148,300	133,100 *	115,100 *	38
40	58.7	62.9	144,600	138,300	125,900 *	108,800 *	40
42	56.6	61.5	135,000	129,400	119,400 *	103,000 *	42
44	54.4	60.0	126,400	121,500	113,500 *	97,800 *	44
46	52.2	58.5	118,800	114,500	108,100 *	93,000 *	46
48	49.9	56.7	112,000	108,100	103,200 *	88,700 *	48
50	47.5	54.8	105,800	102,400	98,600 *	84,600 *	50
55	41.0	49.3	92,700	90,200	87,700	75,800 *	55
60	33.4	42.3	82,200	80,300	78,400	68,400 *	60
65	23.7	32.3	73,500	72,100	70,700	62,000 *	65

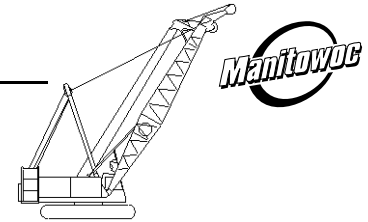


Liftcrane Boom Capacities

Boom No. 76
 168,000 lb Crane Counterweight
 53,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 2

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	385,600 *b				16
17	81.8	82.3	364,600 *b	335,000 *b			17
18	81.0	82.2	345,700 *b	318,800 *b	291,900 *b		18
19	80.2	82.0	328,500 *b	304,100 *b	276,000 *b		19
20	79.5	81.8	313,000 *b	290,600 *b	261,700 *b	228,800 *b	20
22	77.9	81.3	285,800 *	266,900 *	237,000 *	207,000 *	22
24	76.3	80.8	262,800 *	246,600 *	216,400 *	188,800 *	24
26	74.8	80.2	243,100 *	229,100 *	199,000 *	173,400 *	26
28	73.2	79.6	226,000 *	213,800 *	184,100 *	160,200 *	28
30	71.6	78.9	211,100 *	200,300 *	171,100 *	148,700 *	30
32	69.9	78.1	197,900 *	187,300	159,800 *	138,700 *	32
34	68.3	77.3	183,300	172,000	149,800 *	129,900 *	34
36	66.6	76.4	168,500	158,800	140,900 *	122,000 *	36
38	64.9	75.4	155,800	147,500	132,900 *	115,000 *	38
40	63.2	74.3	144,800	137,500	125,800 *	108,600 *	40
42	61.5	73.2	135,100	128,700	119,300 *	102,900 *	42
44	59.7	72.0	126,600	120,900	113,400 *	97,700 *	44
46	57.9	70.7	119,000	113,900	108,000 *	92,900 *	46
48	56.1	69.3	112,100	107,600	103,000 *	88,500 *	48
50	54.2	67.8	106,000	101,900	98,100	84,500 *	50
55	49.2	63.6	92,900	89,800	86,800	75,700 *	55
60	43.8	58.6	82,400	80,000	77,600	68,300 *	60
65	37.8	52.5	73,800	71,900	70,000	62,100 *	65
70	30.8	44.6	66,500	65,100	63,600	56,700 *	70
75	21.6	33.6	60,300	59,200	58,100	52,000 *	75

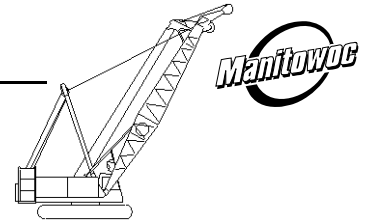


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14000 SERIES 2

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
85.3 ft							
17	82.7	92.3	356,600 *				17
18	82.1	92.2	345,300 *				18
19	81.4	92.0	328,100 *	301,200 *			19
20	80.7	91.8	312,600 *	288,000 *	261,400 *		20
22	79.3	91.4	285,400 *	264,600 *	236,700 *	206,700 *	22
24	78.0	90.9	262,400 *	244,500 *	216,100 *	188,500 *	24
26	76.6	90.4	242,700 *	227,200 *	198,700 *	173,100 *	26
28	75.2	89.9	225,600 *	212,100 *	183,800 *	159,900 *	28
30	73.8	89.3	210,700 *	198,800 *	170,900 *	148,400 *	30
32	72.4	88.6	197,500 *	185,800	159,500 *	138,400 *	32
34	70.9	87.9	183,300	170,700	149,500 *	129,600 *	34
36	69.5	87.1	168,600	157,700	140,600 *	121,700 *	36
38	68.0	86.2	155,900	146,500	132,700 *	114,700 *	38
40	66.6	85.3	144,800	136,600	125,500 *	108,400 *	40
42	65.1	84.4	135,100	127,900	119,000 *	102,600 *	42
44	63.6	83.4	126,600	120,200	113,100 *	97,400 *	44
46	62.0	82.3	119,000	113,200	107,800 *	92,600 *	46
48	60.5	81.1	112,100	107,000	102,200	88,300 *	48
50	58.9	79.8	106,000	101,300	97,000	84,300 *	50
55	54.8	76.4	92,900	89,300	85,900	75,500 *	55
60	50.5	72.4	82,400	79,500	76,800	68,100 *	60
65	45.9	67.7	73,800	71,500	69,300	61,900 *	65
70	40.8	62.1	66,600	64,700	62,900	56,600 *	70
75	35.2	55.3	60,400	58,900	57,500	51,900 *	75
80	28.6	46.8	55,100	53,900	52,800	47,800 *	80
85	19.8	34.8	50,500	49,600	48,700	44,100 *	85

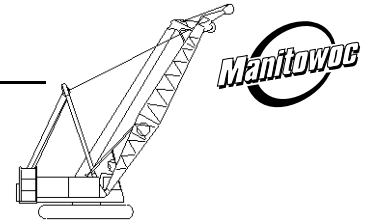


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14000 SERIES 2

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	343,500 *				18
19	82.3	102.0	328,000 *				19
20	81.7	101.8	312,400 *	285,600 *			20
22	80.5	101.4	285,200 *	262,500 *	236,600 *		22
24	79.2	101.0	262,200 *	242,800 *	216,100 *	188,400 *	24
26	78.0	100.6	242,500 *	225,600 *	198,600 *	173,000 *	26
28	76.7	100.1	225,500 *	210,700 *	183,700 *	159,800 *	28
30	75.5	99.5	210,600 *	197,500 *	170,800 *	148,300 *	30
32	74.2	98.9	197,400 *	184,500 *	159,400 *	138,300 *	32
34	73.0	98.3	183,500 *	169,600 *	149,400 *	129,500 *	34
36	71.7	97.6	168,700 *	156,800 *	140,600 *	121,600 *	36
38	70.4	96.9	156,000 *	145,600 *	132,600 *	114,600 *	38
40	69.1	96.1	145,000 *	135,900 *	125,400 *	108,300 *	40
42	67.8	95.2	135,300 *	127,200 *	119,000 *	102,500 *	42
44	66.5	94.3	126,700 *	119,600 *	113,100 *	97,300 *	44
46	65.2	93.4	119,100 *	112,700 *	106,800 *	92,600 *	46
48	63.8	92.4	112,200 *	106,500 *	101,200 *	88,200 *	48
50	62.5	91.3	106,100 *	100,900 *	96,100 *	84,200 *	50
55	59.0	88.3	93,000 *	88,900 *	85,100 *	75,400 *	55
60	55.3	84.9	82,500 *	79,200 *	76,200 *	68,100 *	60
65	51.5	81.0	73,900 *	71,200 *	68,700 *	61,900 *	65
70	47.4	76.6	66,700 *	64,500 *	62,400 *	56,600 *	70
75	43.1	71.4	60,600 *	58,800 *	57,000 *	51,900 *	75
80	38.4	65.3	55,300 *	53,800 *	52,400 *	47,900 *	80
85	33.0	58.0	50,700 *	49,500 *	48,300 *	44,200 *	85
90	26.7	48.7	46,700 *	45,700 *	44,700 *	41,000 *	90
95	18.4	35.8	43,000 *	42,300 *	41,500 *	38,100 *	95

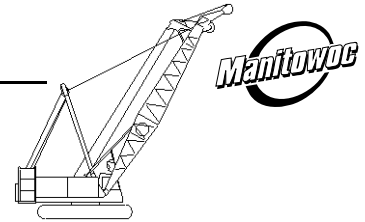


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
105.0 ft							
19	83.0	111.9	315,000 *				19
20	82.5	111.8	311,900 *				20
22	81.4	111.4	284,800 *	260,200 *			22
24	80.2	111.1	261,800 *	240,700 *	215,700 *		24
26	79.1	110.7	242,100 *	223,800 *	198,300 *	172,600 *	26
28	78.0	110.2	225,000 *	209,000 *	183,400 *	159,400 *	28
30	76.9	109.7	210,100 *	196,000 *	170,400 *	147,900 *	30
32	75.8	109.2	196,900 *	183,000	159,100 *	137,900 *	32
34	74.6	108.6	183,400	168,300	149,100 *	129,100 *	34
36	73.5	108.0	168,600	155,600	140,200 *	121,200 *	36
38	72.3	107.3	155,900	144,500	132,300 *	114,200 *	38
40	71.2	106.6	144,800	134,900	125,100 *	107,900 *	40
42	70.0	105.9	135,100	126,300	118,400	102,100 *	42
44	68.8	105.1	126,500	118,700	111,600	96,900 *	44
46	67.7	104.2	118,900	111,900	105,500	92,200 *	46
48	66.5	103.3	112,000	105,700	100,000	87,800 *	48
50	65.2	102.4	105,900	100,200	94,900	83,800 *	50
55	62.2	99.8	92,800	88,300	84,100	75,000 *	55
60	59.0	96.8	82,300	78,700	75,300	67,700 *	60
65	55.7	93.5	73,700	70,700	67,900	61,500 *	65
70	52.3	89.7	66,500	64,000	61,700	56,200 *	70
75	48.7	85.3	60,400	58,300	56,300	51,600 *	75
80	44.9	80.4	55,100	53,400	51,700	47,500 *	80
85	40.8	74.8	50,600	49,100	47,700	44,000 *	85
90	36.2	68.2	46,500	45,300	44,100	40,800 *	90
95	31.2	60.4	43,000	41,900	40,900	37,900 *	95
100	25.1	50.5	39,800	38,900	38,100	35,300 *	100
105	17.1	36.7	36,800	36,200	35,600	32,800 *	105

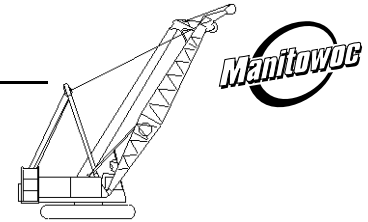


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114.8 ft							
22	82.1	121.4	284,500 *				22
24	81.1	121.1	261,500 *	238,800 *			24
26	80.1	120.7	241,800 *	222,100 *	198,100 *		26
28	79.1	120.3	224,800 *	207,500 *	183,200 *	159,200 *	28
30	78.0	119.8	209,900 *	194,600 *	170,200 *	147,700 *	30
32	77.0	119.4	196,700 *	181,600	158,900 *	137,700 *	32
34	76.0	118.8	183,400	167,000	148,900 *	128,900 *	34
36	74.9	118.3	168,600	154,500	140,000 *	121,000 *	36
38	73.9	117.7	155,900	143,600	132,100 *	114,000 *	38
40	72.9	117.1	144,800	134,000	124,500	107,700 *	40
42	71.8	116.4	135,100	125,500	117,000	101,900 *	42
44	70.7	115.6	126,500	118,000	110,400	96,700 *	44
46	69.7	114.9	118,800	111,200	104,400	92,000 *	46
48	68.6	114.1	112,000	105,100	98,900	87,600 *	48
50	67.5	113.2	105,800	99,600	93,900	83,600 *	50
55	64.8	110.9	92,700	87,800	83,200	74,800 *	55
60	61.9	108.3	82,200	78,200	74,500	67,500 *	60
65	59.0	105.3	73,600	70,300	67,200	61,300 *	65
70	56.0	102.0	66,400	63,700	61,100	56,000 *	70
75	52.9	98.3	60,300	58,000	55,800	51,400 *	75
80	49.7	94.1	55,100	53,100	51,200	47,400 *	80
85	46.3	89.4	50,500	48,800	47,200	43,800 *	85
90	42.6	84.1	46,500	45,100	43,700	40,600 *	90
95	38.7	78.1	42,900	41,700	40,500	37,800 *	95
100	34.4	71.0	39,800	38,700	37,700	35,200 *	100
105	29.6	62.7	36,900	36,000	35,200	32,800 *	105
110	23.8	52.2	34,300	33,600	32,900	30,700 *	110
115	16.0	37.5	31,900	31,400	30,800	28,700 *	115

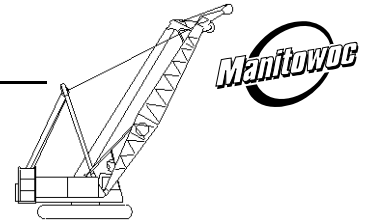


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124.7 ft							
22	82.7	131.4	281,600 *				22
24	81.8	131.1	261,300 *	225,000 *			24
26	80.9	130.7	241,600 *	218,900 *	188,400 *		26
28	79.9	130.3	224,500 *	206,100 *	183,000 *	159,000 *	28
30	79.0	129.9	209,600 *	193,300 *	170,100 *	147,600 *	30
32	78.1	129.5	196,500 *	180,300	158,700 *	137,500 *	32
34	77.1	129.0	183,500	165,900	148,800 *	128,700 *	34
36	76.2	128.5	168,700	153,500	139,900 *	120,800 *	36
38	75.2	127.9	155,900	142,700	131,200	113,800 *	38
40	74.3	127.4	144,800	133,200	123,000	107,500 *	40
42	73.3	126.7	135,100	124,800	115,700	101,800 *	42
44	72.3	126.1	126,500	117,300	109,200	96,600 *	44
46	71.4	125.4	118,800	110,600	103,300	91,800 *	46
48	70.4	124.7	112,000	104,600	97,900	87,400 *	48
50	69.4	123.9	105,800	99,100	93,000	83,400 *	50
55	66.9	121.8	92,700	87,300	82,500	74,700 *	55
60	64.3	119.4	82,200	77,800	73,800	67,400 *	60
65	61.7	116.7	73,600	70,000	66,600	61,200 *	65
70	59.1	113.8	66,400	63,400	60,500	55,900 *	70
75	56.3	110.5	60,200	57,700	55,300	51,300 *	75
80	53.5	106.8	55,000	52,800	50,800	47,200 *	80
85	50.5	102.8	50,400	48,600	46,800	43,700 *	85
90	47.4	98.3	46,400	44,800	43,300	40,500 *	90
95	44.2	93.2	42,900	41,500	40,200	37,700 *	95
100	40.7	87.6	39,700	38,500	37,400	35,100 *	100
105	36.9	81.1	36,900	35,900	34,800	32,800 *	105
110	32.8	73.7	34,300	33,400	32,600	30,600 *	110
115	28.1	64.8	32,000	31,200	30,500	28,700 *	115
120	22.6	53.7	29,900	29,200	28,600	26,800 *	120



Liftcrane Boom Capacities

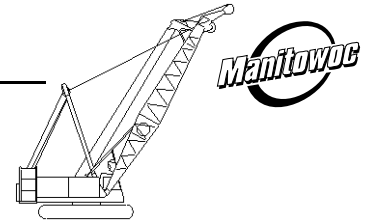
Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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
134.5 ft							
24	82.4	141.0	261,000 *				24
26	81.5	140.7	241,300 *	213,200 *			26
28	80.7	140.4	224,200 *	204,600 *	178,600 *		28
30	79.8	140.0	209,300 *	192,000 *	169,800 *	147,300 *	30
32	78.9	139.6	196,200 *	178,800	158,500 *	137,300 *	32
34	78.1	139.1	183,400	164,600	148,500 *	128,400 *	34
36	77.2	138.7	168,600	152,400	138,600	120,600 *	36
38	76.3	138.1	155,800	141,700	129,600	113,600 *	38
40	75.4	137.6	144,700	132,300	121,500	107,200 *	40
42	74.6	137.0	135,000	124,000	114,400	101,500 *	42
44	73.7	136.4	126,400	116,500	107,900	96,300 *	44
46	72.8	135.8	118,700	109,900	102,100	91,500 *	46
48	71.9	135.1	111,800	103,900	96,800	87,200 *	48
50	71.0	134.4	105,600	98,400	92,000	83,200 *	50
55	68.7	132.5	92,500	86,800	81,600	74,400 *	55
60	66.4	130.3	82,000	77,300	73,100	67,100 *	60
65	64.0	127.9	73,400	69,500	65,900	60,900 *	65
70	61.6	125.2	66,200	62,900	59,900	55,600 *	70
75	59.1	122.3	60,100	57,300	54,700	51,000 *	75
80	56.6	119.0	54,800	52,500	50,200	47,000 *	80
85	53.9	115.4	50,300	48,200	46,300	43,400 *	85
90	51.2	111.4	46,300	44,500	42,800	40,300 *	90
95	48.4	107.1	42,700	41,200	39,700	37,400 *	95
100	45.4	102.2	39,600	38,200	36,900	34,900 *	100
105	42.3	96.9	36,700	35,600	34,400	32,500 *	105
110	39.0	90.8	34,200	33,200	32,200	30,400 *	110
115	35.4	84.0	31,900	31,000	30,100	28,500 *	115
120	31.4	76.1	29,800	29,000	28,200	26,700 *	120
125	26.9	66.8	27,800	27,100	26,500	25,000 *	125
130	21.5	55.1	26,000	25,400	24,900	23,500 *	130

Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

Boom No. 76

168,000 lb Crane Counterweight

53,000 lb Carbody Counterweight

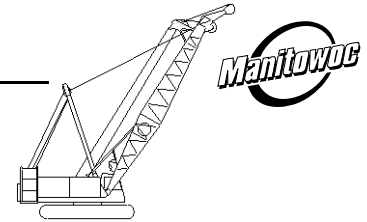
Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

14000 SERIES 2

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	231,900 *				26
28	81.3	150.4	223,700 *	183,300 *			28
30	80.5	150.0	208,800 *	179,000 *	152,500 *		30
32	79.7	149.6	195,700 *	174,900 *	149,400 *	130,600 *	32
34	78.9	149.2	183,300	163,300	146,300 *	128,000 *	34
36	78.1	148.8	168,400	151,100	136,700	120,100 *	36
38	77.3	148.3	155,600	140,600	127,800	113,100 *	38
40	76.5	147.8	144,500	131,200	119,900	106,800 *	40
42	75.6	147.3	134,700	123,000	112,900	101,000 *	42
44	74.8	146.7	126,100	115,600	106,500	95,800 *	44
46	74.0	146.1	118,400	109,000	100,800	91,100 *	46
48	73.1	145.5	111,500	103,100	95,600	86,700 *	48
50	72.3	144.8	105,300	97,700	90,800	82,700 *	50
55	70.2	143.1	92,200	86,100	80,600	74,000 *	55
60	68.1	141.1	81,700	76,700	72,100	66,700 *	60
65	65.9	138.8	73,000	68,900	65,100	60,500 *	65
70	63.7	136.4	65,800	62,300	59,100	55,200 *	70
75	61.4	133.7	59,700	56,700	54,000	50,600 *	75
80	59.1	130.7	54,500	51,900	49,500	46,500 *	80
85	56.8	127.5	49,900	47,700	45,600	43,000 *	85
90	54.3	123.9	45,900	44,000	42,100	39,800 *	90
95	51.8	120.1	42,400	40,700	39,100	37,000 *	95
100	49.2	115.8	39,200	37,700	36,300	34,400 *	100
105	46.5	111.2	36,400	35,100	33,800	32,100 *	105
110	43.7	106.0	33,800	32,700	31,600	30,000 *	110
115	40.6	100.3	31,500	30,500	29,500	28,100 *	115
120	37.4	93.9	29,400	28,500	27,600	26,300 *	120
125	34.0	86.7	27,500	26,700	25,900	24,700 *	125
130	30.1	78.5	25,700	25,000	24,300	23,100 *	130
135	25.7	68.7	24,000	23,400	22,800	21,700 *	135
140	20.5	56.4	22,500	22,000	21,500	20,400 *	140

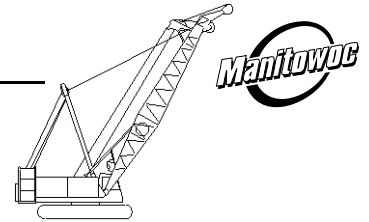


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	225,200 *				26
28	81.9	160.3	218,900 *	177,600 *			28
30	81.1	160.0	208,500 *	173,400 *			30
32	80.4	159.6	195,300 *	169,400 *	144,600 *		32
34	79.6	159.2	183,200	162,000	141,700 *	124,200 *	34
36	78.9	158.8	168,300	150,000	134,800	119,800 *	36
38	78.1	158.4	155,500	139,500	126,100	112,800 *	38
40	77.3	157.9	144,300	130,300	118,400	106,500 *	40
42	76.6	157.4	134,600	122,100	111,500	100,700 *	42
44	75.8	156.9	125,900	114,800	105,200	95,500 *	44
46	75.0	156.4	118,200	108,300	99,600	90,800 *	46
48	74.3	155.8	111,300	102,300	94,500	86,400 *	48
50	73.5	155.2	105,100	97,000	89,800	82,400 *	50
55	71.5	153.5	92,000	85,500	79,600	73,600 *	55
60	69.5	151.7	81,500	76,100	71,300	66,300 *	60
65	67.5	149.6	72,800	68,400	64,300	60,200 *	65
70	65.5	147.4	65,600	61,900	58,400	54,900 *	70
75	63.4	144.9	59,500	56,300	53,300	50,300 *	75
80	61.3	142.2	54,200	51,500	48,900	46,200 *	80
85	59.2	139.2	49,700	47,300	45,000	42,700 *	85
90	56.9	136.0	45,700	43,600	41,600	39,500 *	90
95	54.7	132.5	42,100	40,300	38,600	36,700 *	95
100	52.3	128.7	39,000	37,400	35,800	34,100 *	100
105	49.9	124.5	36,100	34,700	33,300	31,800 *	105
110	47.4	120.0	33,600	32,300	31,100	29,700 *	110
115	44.8	115.0	31,300	30,200	29,100	27,800 *	115
120	42.1	109.6	29,200	28,200	27,200	26,000 *	120
125	39.2	103.6	27,300	26,400	25,500	24,400 *	125
130	36.0	96.9	25,500	24,700	23,900	22,900 *	130
135	32.7	89.4	23,800	23,100	22,400	21,500 *	135
140	29.0	80.7	22,300	21,700	21,100	20,200 *	140
145	24.7	70.4	20,900	20,400	19,800	18,900 *	145
150	19.6	57.7	19,600	19,100	18,700	17,800 *	150

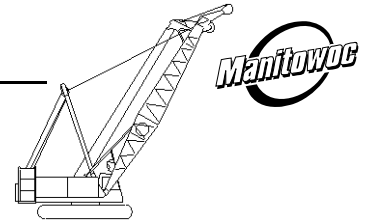


Liftcrane Boom Capacities

Boom No. 76
 168,000 lb Crane Counterweight
 53,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 2

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	206,800 *				28
30	81.7	170.0	201,800 *	161,600 *			30
32	81.0	169.6	195,000 *	158,300 *	133,600 *		32
34	80.2	169.3	183,100	155,100 *	131,200 *		34
36	79.5	168.9	168,200	148,900	128,800 *	111,900 *	36
38	78.8	168.5	155,400	138,500	124,600	110,100 *	38
40	78.1	168.0	144,200	129,400	117,000	106,200 *	40
42	77.4	167.6	134,500	121,300	110,200	100,500 *	42
44	76.7	167.1	125,800	114,100	104,100	95,300 *	44
46	76.0	166.6	118,100	107,600	98,500	90,500 *	46
48	75.2	166.0	111,200	101,700	93,400	86,200	48
50	74.5	165.5	105,000	96,400	88,800	82,100	50
55	72.7	163.9	91,900	85,000	78,800	73,300	55
60	70.8	162.2	81,300	75,700	70,600	66,000	60
65	69.0	160.3	72,700	68,000	63,700	59,800	65
70	67.1	158.2	65,400	61,500	57,800	54,500	70
75	65.1	155.9	59,300	55,900	52,800	49,900	75
80	63.2	153.4	54,000	51,100	48,400	45,900	80
85	61.2	150.6	49,500	46,900	44,600	42,300	85
90	59.2	147.7	45,500	43,300	41,200	39,200	90
95	57.1	144.5	41,900	40,000	38,100	36,400	95
100	55.0	141.0	38,800	37,100	35,400	33,800	100
105	52.8	137.3	36,000	34,400	32,900	31,500	105
110	50.5	133.2	33,400	32,000	30,700	29,500	110
115	48.2	128.8	31,100	29,900	28,700	27,600	115
120	45.8	124.0	29,000	27,900	26,800	25,800	120
125	43.3	118.8	27,100	26,100	25,100	24,200 *	125
130	40.6	113.1	25,300	24,400	23,600	22,700 *	130
135	37.8	106.7	23,700	22,900	22,100	21,300 *	135
140	34.8	99.7	22,200	21,500	20,800	20,000 *	140
145	31.5	91.8	20,800	20,100	19,500	18,800 *	145
150	27.9	82.8	19,500	18,900	18,300	17,600 *	150
155	23.8	72.1	18,200	17,700	17,200	16,500 *	155
160	18.8	58.8	17,100	16,600	16,200	15,500 *	160

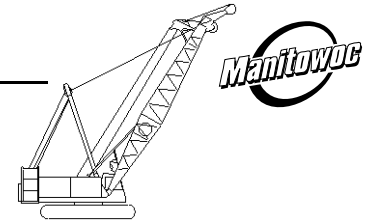


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	199,400 *				28
30	82.1	179.9	194,500 *				30
32	81.5	179.6	189,800 *	152,500 *			32
34	80.8	179.3	183,000	149,400 *	126,400 *		34
36	80.1	178.9	168,000	146,300 *	124,000 *		36
38	79.5	178.5	155,200	137,500	121,800 *	100,300 *	38
40	78.8	178.1	144,000	128,500	115,500	100,200 *	40
42	78.1	177.7	134,300	120,400	108,800	98,900	42
44	77.4	177.2	125,600	113,300	102,800	93,800	44
46	76.8	176.7	117,900	106,800	97,300	89,100	46
48	76.1	176.2	111,000	101,000	92,300	84,800	48
50	75.4	175.7	104,800	95,700	87,800	80,800	50
55	73.7	174.2	91,600	84,300	77,900	72,200	55
60	72.0	172.6	81,100	75,100	69,800	65,000	60
65	70.2	170.8	72,400	67,400	63,000	58,900	65
70	68.4	168.9	65,200	61,000	57,200	53,700	70
75	66.6	166.7	59,000	55,500	52,200	49,100	75
80	64.8	164.4	53,800	50,700	47,800	45,200	80
85	63.0	161.9	49,200	46,500	44,000	41,700	85
90	61.1	159.1	45,200	42,800	40,600	38,500	90
95	59.2	156.2	41,700	39,600	37,600	35,700	95
100	57.2	153.0	38,500	36,700	34,900	33,200	100
105	55.2	149.6	35,700	34,000	32,500	31,000	105
110	53.2	145.8	33,100	31,700	30,200	28,900	110
115	51.1	141.9	30,800	29,500	28,200	27,000	115
120	48.9	137.5	28,700	27,500	26,400	25,300	120
125	46.6	132.9	26,800	25,700	24,700	23,700	125
130	44.3	127.8	25,100	24,100	23,100	22,200	130
135	41.9	122.3	23,400	22,500	21,700	20,900	135
140	39.3	116.4	21,900	21,100	20,300	19,600	140
145	36.6	109.8	20,500	19,800	19,100	18,400	145
150	33.6	102.4	19,200	18,600	17,900	17,300	150
155	30.5	94.2	18,000	17,400	16,800	16,300 *	155
160	27.0	84.8	16,800	16,300	15,800	15,300 *	160
165	22.9	73.7	15,800	15,300	14,900	14,300 *	165
170	18.1	59.8	14,700	14,300	14,000	13,400 *	170

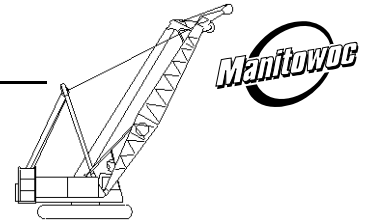


Liftcrane Boom Capacities

Boom No. 76
 168,000 lb Crane Counterweight
 53,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 2

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	177,400 *				30
32	81.9	189.6	173,400 *	137,400 *			32
34	81.3	189.3	169,600 *	134,700 *			34
36	80.7	188.9	166,000 *	132,300 *	110,900 *		36
38	80.0	188.6	155,000	129,800 *	109,000 *	88,500 *	38
40	79.4	188.2	143,800	127,400	107,200 *	88,300 *	40
42	78.8	187.7	134,000	119,500	105,400 *	88,300 *	42
44	78.1	187.3	125,300	112,400	101,500	88,200 *	44
46	77.5	186.9	117,600	106,000	96,100	87,600	46
48	76.8	186.4	110,700	100,200	91,200	83,300	48
50	76.2	185.9	104,500	94,900	86,700	79,500	50
55	74.6	184.5	91,300	83,600	76,900	71,000	55
60	73.0	183.0	80,700	74,400	68,900	63,900	60
65	71.3	181.3	72,000	66,800	62,100	57,900	65
70	69.7	179.5	64,800	60,400	56,400	52,700	70
75	68.0	177.4	58,700	54,900	51,400	48,200	75
80	66.3	175.3	53,400	50,100	47,100	44,300	80
85	64.5	172.9	48,800	46,000	43,300	40,900	85
90	62.8	170.4	44,800	42,300	40,000	37,800	90
95	61.0	167.6	41,300	39,000	37,000	35,000	95
100	59.2	164.6	38,100	36,100	34,300	32,500	100
105	57.4	161.5	35,300	33,500	31,800	30,300	105
110	55.5	158.1	32,700	31,100	29,600	28,200	110
115	53.5	154.4	30,400	29,000	27,600	26,300	115
120	51.6	150.5	28,300	27,000	25,800	24,600	120
125	49.5	146.3	26,400	25,200	24,100	23,000	125
130	47.4	141.7	24,600	23,600	22,600	21,600	130
135	45.2	136.8	23,000	22,000	21,100	20,200	135
140	43.0	131.5	21,500	20,600	19,800	19,000	140
145	40.6	125.8	20,100	19,300	18,500	17,800	145
150	38.1	119.5	18,800	18,100	17,400	16,700	150
155	35.4	112.7	17,600	16,900	16,300	15,700	155
160	32.6	105.1	16,500	15,900	15,300	14,700	160
165	29.5	96.5	15,400	14,900	14,300	13,800	165
170	26.1	86.7	14,400	13,900	13,400	13,000	170
175	22.2	75.2	13,400	13,000	12,600	12,200 *	175
180	17.4	60.7	12,500	12,100	11,800	11,300 *	180

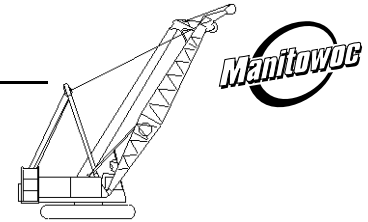


Liftcrane Boom Capacities

Boom No. 76
 168,000 lb Crane Counterweight
 53,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 2

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	170,200 *				30
32	82.3	199.5	166,400 *				32
34	81.8	199.2	162,800 *	129,300 *			34
36	81.2	198.9	159,200 *	126,800 *			36
38	80.6	198.6	154,800	124,500 *	99,300 *		38
40	79.9	198.2	143,600	122,100 *	99,100 *	78,200 *	40
42	79.3	197.8	133,800	118,600	98,900 *	78,100 *	42
44	78.7	197.4	125,100	111,500	98,800 *	77,900 *	44
46	78.1	196.9	117,400	105,200	94,900	77,900 *	46
48	77.5	196.5	110,500	99,400	90,000	77,800 *	48
50	76.9	196.0	104,200	94,200	85,600	77,700 *	50
55	75.4	194.7	91,000	83,000	76,000	69,800	55
60	73.9	193.3	80,400	73,800	68,000	62,900	60
65	72.3	191.7	71,700	66,300	61,400	57,000	65
70	70.7	190.0	64,500	59,900	55,700	51,900	70
75	69.1	188.1	58,300	54,400	50,800	47,500	75
80	67.5	186.0	53,100	49,600	46,500	43,600	80
85	65.9	183.8	48,500	45,500	42,700	40,200	85
90	64.3	181.4	44,500	41,800	39,400	37,100	90
95	62.6	178.8	40,900	38,600	36,400	34,400	95
100	60.9	176.1	37,800	35,700	33,700	31,900	100
105	59.2	173.1	35,000	33,100	31,300	29,700	105
110	57.5	170.0	32,400	30,700	29,100	27,600	110
115	55.7	166.6	30,100	28,600	27,200	25,800	115
120	53.9	163.0	28,000	26,600	25,300	24,100	120
125	52.0	159.1	26,100	24,800	23,600	22,500	125
130	50.1	154.9	24,300	23,200	22,100	21,100	130
135	48.1	150.5	22,700	21,700	20,700	19,700	135
140	46.0	145.7	21,200	20,200	19,300	18,500	140
145	43.9	140.6	19,800	18,900	18,100	17,300	145
150	41.7	135.1	18,500	17,700	17,000	16,200	150
155	39.4	129.1	17,300	16,600	15,900	15,200	155
160	37.0	122.6	16,200	15,500	14,900	14,200	160
165	34.4	115.5	15,100	14,500	13,900	13,300	165
170	31.6	107.6	14,100	13,500	13,000	12,500	170
175	28.6	98.7	13,100	12,700	12,200	11,700	175
180	25.3	88.6	12,200	11,800	11,400	11,000	180
185	21.4	76.6	11,400	11,000	10,600	10,200	185
190	16.8	61.6	10,600	10,200	9,900	9,600 *	190

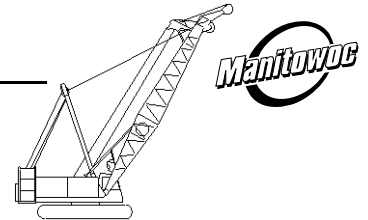


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	150,400 *				32
34	82.2	209.2	149,000 *				34
36	81.6	208.9	147,600 *	118,700 *			36
38	81.0	208.6	146,100 *	117,900 *	88,500 *		38
40	80.4	208.2	143,400	115,800 *	88,300 *		40
42	79.9	207.8	133,600	113,600 *	88,200 *	69,300 *	42
44	79.3	207.4	124,900	110,700	87,900 *	69,200 *	44
46	78.7	207.0	117,200	104,400	87,800 *	69,100 *	46
48	78.1	206.6	110,300	98,700	87,700 *	69,000 *	48
50	77.6	206.1	104,000	93,500	84,600	68,800 *	50
55	76.1	204.9	90,800	82,400	75,100	68,700 *	55
60	74.7	203.6	80,200	73,300	67,300	61,900	60
65	73.2	202.1	71,500	65,800	60,700	56,100	65
70	71.7	200.4	64,300	59,400	55,000	51,100	70
75	70.2	198.6	58,100	53,900	50,200	46,700	75
80	68.7	196.7	52,800	49,200	45,900	42,900	80
85	67.2	194.6	48,200	45,100	42,200	39,500	85
90	65.6	192.3	44,200	41,500	38,900	36,500	90
95	64.1	189.9	40,700	38,200	35,900	33,800	95
100	62.5	187.3	37,500	35,300	33,300	31,400	100
105	60.9	184.6	34,700	32,700	30,900	29,200	105
110	59.2	181.6	32,200	30,400	28,700	27,100	110
115	57.6	178.4	29,800	28,200	26,700	25,300	115
120	55.9	175.1	27,700	26,300	24,900	23,600	120
125	54.1	171.5	25,800	24,500	23,200	22,100	125
130	52.4	167.7	24,100	22,900	21,700	20,600	130
135	50.5	163.6	22,400	21,300	20,300	19,300	135
140	48.7	159.3	20,900	19,900	19,000	18,000	140
145	46.8	154.6	19,500	18,600	17,700	16,900	145
150	44.8	149.6	18,200	17,400	16,600	15,800	150
155	42.7	144.3	17,000	16,300	15,500	14,800	155
160	40.6	138.5	15,900	15,200	14,500	13,800	160
165	38.3	132.3	14,800	14,200	13,600	12,900	165
170	35.9	125.6	13,800	13,200	12,700	12,100	170
175	33.4	118.2	12,900	12,400	11,800	11,300	175
180	30.7	110.0	12,000	11,500	11,000	10,600	180
185	27.8	100.8	11,200	10,700	10,300	9,800	185
190	24.5	90.4	10,400	10,000	9,600	9,200	190
195	20.8	78.0	9,600	9,200	8,900	8,500	195
200	16.2	62.4	8,900	8,600	8,200	7,900	200

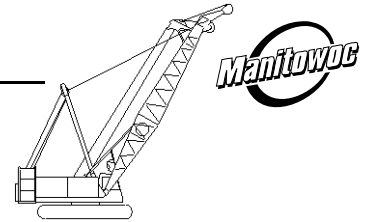


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	136,500 *				34
36	82.0	218.8	132,700 *	106,700 *			36
38	81.4	218.5	131,400 *	106,400 *			38
40	80.9	218.2	130,100 *	106,100 *	79,000 *		40
42	80.3	217.8	128,800 *	105,900 *	78,800 *		42
44	79.8	217.5	124,700	105,500 *	78,700 *	61,500 *	44
46	79.2	217.1	116,900	103,600	78,500 *	61,400 *	46
48	78.7	216.7	110,000	98,000	78,300 *	61,300 *	48
50	78.1	216.2	103,700	92,800	78,200 *	61,200 *	50
55	76.8	215.1	90,500	81,800	74,200	60,900 *	55
60	75.4	213.8	79,900	72,700	66,500	60,700 *	60
65	74.0	212.3	71,200	65,200	59,900	55,200	65
70	72.6	210.8	64,000	58,900	54,300	50,300	70
75	71.2	209.1	57,800	53,400	49,500	46,000	75
80	69.7	207.2	52,500	48,700	45,300	42,200	80
85	68.3	205.3	47,900	44,600	41,600	38,800	85
90	66.8	203.1	43,900	41,000	38,300	35,900	90
95	65.3	200.9	40,400	37,800	35,400	33,200	95
100	63.9	198.4	37,200	34,900	32,800	30,800	100
105	62.3	195.8	34,400	32,300	30,400	28,600	105
110	60.8	193.0	31,800	30,000	28,200	26,600	110
115	59.2	190.1	29,500	27,800	26,200	24,700	115
120	57.7	186.9	27,400	25,900	24,400	23,100	120
125	56.0	183.6	25,500	24,100	22,800	21,500	125
130	54.4	180.1	23,700	22,500	21,200	20,100	130
135	52.7	176.3	22,100	20,900	19,800	18,800	135
140	51.0	172.3	20,600	19,500	18,500	17,500	140
145	49.2	168.0	19,200	18,200	17,300	16,400	145
150	47.4	163.4	17,900	17,000	16,100	15,300	150
155	45.5	158.6	16,700	15,900	15,100	14,300	155
160	43.6	153.4	15,600	14,800	14,100	13,400	160
165	41.6	147.9	14,500	13,800	13,100	12,500	165
170	39.5	141.9	13,500	12,900	12,200	11,600	170
175	37.3	135.4	12,600	12,000	11,400	10,800	175
180	35.0	128.4	11,700	11,100	10,600	10,100	180
185	32.5	120.8	10,900	10,400	9,900	9,400	185
190	29.9	112.3	10,100	9,600	9,200	8,700	190
195	27.0	102.9	9,300	8,900	8,500	8,100	195
200	23.8	92.1	8,600	8,200	7,800	7,500	200
205	20.1	79.3	7,900	7,600	7,200	6,900	205
210	15.6	63.2	7,200	6,900	6,600	6,400	210

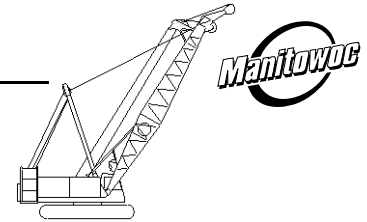


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	132,000 *				36
38	81.8	228.5	130,700 *	100,400 *			38
40	81.3	228.2	129,400 *	100,300 *			40
42	80.8	227.8	128,100 *	100,300 *	73,600 *		42
44	80.2	227.5	124,300	100,200 *	73,600 *		44
46	79.7	227.1	116,500	100,200 *	73,600 *	56,900 *	46
48	79.2	226.7	109,600	97,100	73,600 *	56,900 *	48
50	78.7	226.3	103,300	91,900	73,500 *	56,900 *	50
55	77.4	225.2	90,100	80,900	73,100	56,800 *	55
60	76.0	223.9	79,400	71,900	65,500	56,900 *	60
65	74.7	222.6	70,700	64,500	59,000	54,100	65
70	73.4	221.1	63,400	58,100	53,400	49,200	70
75	72.0	219.5	57,300	52,700	48,700	45,000	75
80	70.7	217.7	52,000	48,000	44,500	41,200	80
85	69.3	215.9	47,400	43,900	40,800	37,900	85
90	67.9	213.9	43,400	40,300	37,500	35,000	90
95	66.5	211.7	39,800	37,100	34,600	32,300	95
100	65.1	209.4	36,600	34,200	32,000	29,900	100
105	63.7	206.9	33,800	31,600	29,600	27,700	105
110	62.2	204.3	31,300	29,300	27,500	25,800	110
115	60.7	201.5	28,900	27,200	25,500	24,000	115
120	59.3	198.6	26,800	25,200	23,700	22,300	120
125	57.7	195.4	24,900	23,400	22,100	20,700	125
130	56.2	192.1	23,200	21,800	20,500	19,300	130
135	54.6	188.6	21,500	20,300	19,100	18,000	135
140	53.0	184.9	20,000	18,900	17,800	16,800	140
145	51.4	180.9	18,600	17,600	16,600	15,600	145
150	49.7	176.7	17,300	16,400	15,500	14,600	150
155	48.0	172.2	16,100	15,200	14,400	13,600	155
160	46.2	167.5	15,000	14,200	13,400	12,600	160
165	44.4	162.4	13,900	13,200	12,400	11,700	165
170	42.5	157.1	12,900	12,200	11,600	10,900	170
175	40.5	151.3	12,000	11,400	10,700	10,100	175
180	38.5	145.1	11,100	10,500	9,900	9,400	180
185	36.4	138.4	10,300	9,700	9,200	8,700	185
190	34.1	131.2	9,500	9,000	8,500	8,000	190
195	31.7	123.3	8,700	8,300	7,800	7,400	195
200	29.1	114.6	8,000	7,600	7,200	6,800	200
205	26.3	104.8	7,300	7,000	6,600	6,200	205
210	23.2	93.7	6,700	6,300	6,000	5,700	210
215	19.5	80.5	6,100	5,700	5,400	5,100	215
220	15.1	63.8	5,500	5,200	4,900	4,600	220

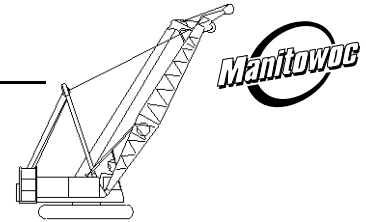


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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	122,100 *				38
40	81.7	238.1	121,600 *	91,100 *			40
42	81.2	237.8	121,000 *	91,100 *			42
44	80.7	237.5	120,500 *	91,000 *	66,700 *		44
46	80.2	237.1	116,900	91,000 *	66,700 *		46
48	79.7	236.7	109,900	90,900 *	66,600 *	51,300 *	48
50	79.2	236.4	103,700	90,800 *	66,600 *	51,300 *	50
55	77.9	235.3	90,400	80,900	66,500 *	51,300 *	55
60	76.6	234.1	79,700	72,000	65,200	51,200 *	60
65	75.4	232.8	71,000	64,500	58,800	51,300 *	65
70	74.1	231.4	63,700	58,200	53,400	49,000	70
75	72.8	229.9	57,600	52,800	48,600	44,800	75
80	71.5	228.2	52,300	48,200	44,500	41,100	80
85	70.2	226.4	47,700	44,100	40,800	37,800	85
90	68.9	224.5	43,600	40,500	37,600	34,900	90
95	67.6	222.4	40,100	37,300	34,700	32,300	95
100	66.2	220.2	36,900	34,400	32,100	29,900	100
105	64.9	217.9	34,100	31,800	29,700	27,800	105
110	63.5	215.4	31,500	29,500	27,600	25,800	110
115	62.1	212.8	29,200	27,400	25,600	24,000	115
120	60.7	210.0	27,100	25,400	23,800	22,400	120
125	59.3	207.0	25,200	23,600	22,200	20,800	125
130	57.8	203.9	23,400	22,000	20,700	19,400	130
135	56.3	200.6	21,800	20,500	19,300	18,100	135
140	54.8	197.1	20,300	19,100	18,000	16,900	140
145	53.3	193.4	18,900	17,800	16,700	15,800	145
150	51.7	189.5	17,600	16,600	15,600	14,700	150
155	50.1	185.4	16,400	15,500	14,600	13,700	155
160	48.5	181.0	15,300	14,400	13,600	12,800	160
165	46.8	176.3	14,200	13,400	12,600	11,900	165
170	45.1	171.4	13,200	12,500	11,700	11,000	170
175	43.3	166.2	12,300	11,600	10,900	10,300	175
180	41.5	160.6	11,400	10,800	10,100	9,500	180
185	39.6	154.6	10,600	10,000	9,400	8,800	185
190	37.6	148.2	9,800	9,200	8,700	8,200	190
195	35.5	141.3	9,000	8,500	8,000	7,500	195
200	33.3	133.9	8,300	7,800	7,400	6,900	200
205	30.9	125.7	7,600	7,200	6,800	6,400	205
210	28.4	116.7	7,000	6,600	6,200	5,800	210
215	25.6	106.7	6,400	6,000	5,600	5,300	215
220	22.5	95.2	5,800	5,400	5,100	4,800	220
225	19.0	81.6	5,200	4,900	4,600	4,300	225

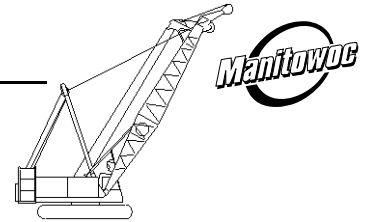


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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
242.8 ft							
36	83.0	248.7	111,600 *				36
38	82.5	248.4	111,100 *				38
40	82.0	248.1	110,600 *	82,700 *			40
42	81.5	247.8	110,000 *	82,700 *			42
44	81.0	247.5	109,500 *	82,600 *			44
46	80.6	247.1	109,000 *	82,500 *	60,100 *		46
48	80.1	246.8	108,500 *	82,500 *	60,100 *		48
50	79.6	246.4	103,400	82,400 *	60,100 *	45,900 *	50
55	78.4	245.4	90,200	80,300	60,000 *	45,900 *	55
60	77.2	244.2	79,500	71,400	59,900 *	45,800 *	60
65	76.0	243.0	70,800	64,000	58,100	45,800 *	65
70	74.8	241.6	63,500	57,700	52,700	45,800 *	70
75	73.5	240.2	57,300	52,400	48,000	44,100	75
80	72.3	238.6	52,000	47,700	43,900	40,500	80
85	71.0	236.9	47,400	43,600	40,300	37,200	85
90	69.8	235.0	43,400	40,100	37,100	34,300	90
95	68.5	233.1	39,800	36,900	34,200	31,700	95
100	67.2	231.0	36,600	34,000	31,600	29,400	100
105	65.9	228.8	33,800	31,400	29,200	27,200	105
110	64.6	226.4	31,200	29,100	27,100	25,300	110
115	63.3	223.9	28,900	27,000	25,200	23,500	115
120	62.0	221.3	26,800	25,000	23,400	21,900	120
125	60.6	218.5	24,900	23,300	21,800	20,300	125
130	59.3	215.5	23,100	21,600	20,300	18,900	130
135	57.9	212.4	21,500	20,100	18,900	17,600	135
140	56.5	209.1	20,000	18,700	17,600	16,400	140
145	55.0	205.6	18,600	17,400	16,300	15,300	145
150	53.6	202.0	17,300	16,200	15,200	14,200	150
155	52.1	198.1	16,100	15,100	14,200	13,300	155
160	50.6	194.0	15,000	14,000	13,200	12,300	160
165	49.0	189.7	13,900	13,000	12,200	11,400	165
170	47.4	185.2	12,900	12,100	11,400	10,600	170
175	45.8	180.3	12,000	11,200	10,500	9,800	175
180	44.1	175.2	11,100	10,400	9,700	9,100	180
185	42.3	169.8	10,300	9,600	9,000	8,400	185
190	40.5	164.0	9,500	8,900	8,300	7,700	190
195	38.7	157.9	8,700	8,200	7,600	7,100	195
200	36.7	151.3	8,000	7,500	7,000	6,500	200
205	34.7	144.2	7,300	6,900	6,400	5,900	205
210	32.5	136.5	6,700	6,300	5,800	5,400	210
215	30.2	128.1	6,100	5,700	5,300	4,900	215
220	27.7	118.8	5,500	5,100	4,800	4,400	220
225	25.0	108.5	4,900	4,600	4,200		225
230	22.0	96.7	4,400	4,100			230

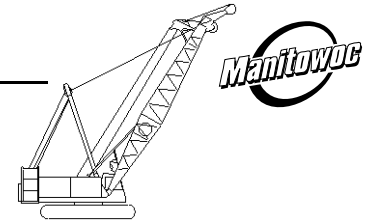


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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
252.6 ft							
38	82.8	258.3	101,300 *				38
40	82.3	258.0	100,700 *				40
42	81.9	257.7	100,200 *	75,200 *			42
44	81.4	257.4	99,700 *	75,100 *			44
46	80.9	257.1	99,200 *	75,000 *	54,200 *		46
48	80.5	256.8	98,700 *	74,900 *	54,200 *		48
50	80.0	256.4	98,200 *	74,900 *	54,200 *	41,100 *	50
55	78.9	255.4	89,900	74,700 *	54,100 *	41,000 *	55
60	77.7	254.3	79,200	70,800	54,000 *	41,000 *	60
65	76.5	253.1	70,500	63,500	53,900 *	40,900 *	65
70	75.4	251.8	63,200	57,200	52,000	40,800 *	70
75	74.2	250.4	57,000	51,900	47,400	40,800 *	75
80	73.0	248.9	51,700	47,200	43,300	39,700	80
85	71.8	247.3	47,100	43,200	39,700	36,500	85
90	70.6	245.5	43,000	39,600	36,500	33,700	90
95	69.4	243.7	39,500	36,400	33,600	31,100	95
100	68.2	241.7	36,300	33,600	31,100	28,800	100
105	66.9	239.6	33,400	31,000	28,700	26,600	105
110	65.7	237.3	30,900	28,700	26,600	24,700	110
115	64.4	234.9	28,600	26,500	24,700	22,900	115
120	63.2	232.4	26,500	24,600	22,900	21,300	120
125	61.9	229.8	24,500	22,800	21,300	19,800	125
130	60.6	226.9	22,800	21,200	19,800	18,400	130
135	59.3	224.0	21,100	19,700	18,400	17,100	135
140	57.9	220.9	19,600	18,300	17,100	15,900	140
145	56.6	217.6	18,200	17,000	15,900	14,800	145
150	55.2	214.2	16,900	15,800	14,800	13,700	150
155	53.8	210.5	15,700	14,700	13,700	12,800	155
160	52.4	206.7	14,600	13,600	12,700	11,800	160
165	50.9	202.7	13,500	12,600	11,800	11,000	165
170	49.4	198.4	12,500	11,700	10,900	10,100	170
175	47.9	193.9	11,600	10,800	10,100	9,400	175
180	46.4	189.2	10,700	10,000	9,300	8,600	180
185	44.7	184.2	9,900	9,200	8,600	7,900	185
190	43.1	178.9	9,100	8,500	7,900	7,300	190
195	41.4	173.3	8,400	7,800	7,200	6,700	195
200	39.6	167.4	7,700	7,100	6,600	6,100	200
205	37.8	161.0	7,000	6,500	6,000	5,500	205
210	35.9	154.2	6,300	5,900	5,400	4,900	210
215	33.9	146.9	5,700	5,300	4,900	4,400	215
220	31.8	139.0	5,100	4,700	4,300		220
225	29.5	130.4	4,600	4,200			225
230	27.1	120.9	4,000				230

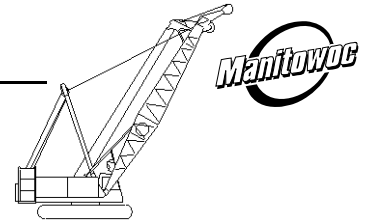


Liftcrane Boom Capacities

Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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
262.5 ft							
40	82.6	268.0	91,000 *				40
42	82.2	267.7	90,500 *				42
44	81.7	267.4	90,000 *	68,100 *			44
46	81.3	267.1	89,500 *	68,100 *			46
48	80.8	266.7	89,100 *	68,000 *	48,800 *		48
50	80.4	266.4	88,600 *	67,900 *	48,800 *		50
55	79.3	265.5	87,500 *	67,700 *	48,700 *	36,600 *	55
60	78.2	264.4	78,900	67,500 *	48,600 *	36,500 *	60
65	77.1	263.3	70,100	62,800	48,500 *	36,500 *	65
70	75.9	262.0	62,800	56,600	48,400 *	36,400 *	70
75	74.8	260.7	56,600	51,300	46,600	36,300 *	75
80	73.7	259.2	51,300	46,700	42,600	36,300 *	80
85	72.5	257.6	46,700	42,600	39,000	35,800	85
90	71.4	256.0	42,600	39,100	35,800	32,900	90
95	70.2	254.2	39,000	35,900	33,000	30,400	95
100	69.0	252.3	35,900	33,000	30,400	28,100	100
105	67.9	250.2	33,000	30,500	28,100	26,000	105
110	66.7	248.1	30,500	28,100	26,000	24,100	110
115	65.5	245.8	28,100	26,000	24,100	22,300	115
120	64.3	243.4	26,000	24,100	22,300	20,700	120
125	63.0	240.9	24,100	22,300	20,700	19,200	125
130	61.8	238.2	22,300	20,700	19,200	17,800	130
135	60.6	235.4	20,700	19,200	17,800	16,500	135
140	59.3	232.5	19,200	17,800	16,500	15,300	140
145	58.0	229.4	17,800	16,500	15,300	14,200	145
150	56.7	226.1	16,500	15,300	14,200	13,200	150
155	55.4	222.7	15,300	14,200	13,200	12,200	155
160	54.0	219.1	14,100	13,100	12,200	11,300	160
165	52.7	215.3	13,100	12,100	11,200	10,400	165
170	51.3	211.3	12,100	11,200	10,400	9,600	170
175	49.8	207.1	11,200	10,300	9,600	8,800	175
180	48.4	202.7	10,300	9,500	8,800	8,100	180
185	46.9	198.1	9,400	8,700	8,000	7,400	185
190	45.4	193.2	8,700	8,000	7,300	6,700	190
195	43.8	188.0	7,900	7,300	6,700	6,100	195
200	42.2	182.6	7,200	6,600	6,000	5,500	200
205	40.5	176.8	6,500	6,000	5,500	4,900	205
210	38.8	170.6	5,900	5,400	4,900	4,400	210
215	37.0	164.1	5,300	4,800	4,300		215
220	35.1	157.1	4,700	4,200			220
225	33.1	149.6	4,100				225



Liftcrane Boom Capacities

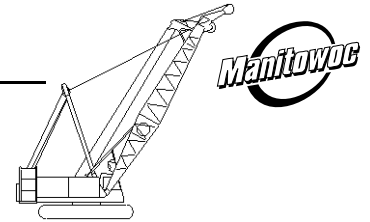
Boom No. 76
168,000 lb Crane Counterweight
53,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

14000 SERIES 2

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
272.3 ft							
40	82.9	277.9	85,500 *				40
42	82.5	277.6	85,100 *				42
44	82.0	277.4	84,700 *	62,900 *			44
46	81.6	277.0	84,300 *	62,800 *			46
48	81.2	276.7	83,900 *	62,800 *			48
50	80.7	276.4	83,500 *	62,700 *	44,600 *		50
55	79.7	275.5	82,500 *	62,600 *	44,500 *	33,100 *	55
60	78.6	274.5	78,500	62,400 *	44,500 *	33,100 *	60
65	77.5	273.4	69,700	62,200	44,400 *	33,100 *	65
70	76.4	272.2	62,400	56,000	44,300 *	33,000 *	70
75	75.4	270.9	56,200	50,700	44,300 *	33,000 *	75
80	74.3	269.5	50,900	46,100	41,900	32,900 *	80
85	73.2	268.0	46,300	42,100	38,400	32,900 *	85
90	72.1	266.4	42,200	38,500	35,200	32,300	90
95	71.0	264.6	38,700	35,400	32,400	29,700	95
100	69.8	262.8	35,500	32,500	29,900	27,400	100
105	68.7	260.9	32,600	30,000	27,600	25,400	105
110	67.6	258.8	30,100	27,700	25,500	23,500	110
115	66.4	256.6	27,800	25,600	23,600	21,700	115
120	65.3	254.4	25,600	23,700	21,800	20,100	120
125	64.1	251.9	23,700	21,900	20,200	18,600	125
130	62.9	249.4	21,900	20,300	18,700	17,300	130
135	61.7	246.7	20,300	18,800	17,300	16,000	135
140	60.5	243.9	18,800	17,400	16,100	14,800	140
145	59.3	241.0	17,400	16,100	14,900	13,700	145
150	58.1	237.9	16,100	14,900	13,700	12,700	150
155	56.8	234.6	14,900	13,800	12,700	11,700	155
160	55.5	231.2	13,800	12,700	11,700	10,800	160
165	54.2	227.6	12,700	11,700	10,800	9,900	165
170	52.9	223.9	11,700	10,800	9,900	9,100	170
175	51.6	219.9	10,800	9,900	9,100	8,300	175
180	50.2	215.8	9,900	9,100	8,300	7,600	180
185	48.8	211.4	9,100	8,300	7,600	6,900	185
190	47.4	206.9	8,300	7,600	6,900	6,300	190
195	45.9	202.1	7,500	6,900	6,300	5,600	195
200	44.4	197.0	6,800	6,200	5,600	5,100	200
205	42.9	191.7	6,200	5,600	5,000	4,500	205
210	41.3	186.1	5,500	5,000	4,500	4,000	210
215	39.7	180.1	4,900	4,400			215
220	38.0	173.8	4,300				220

Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.



Liftcrane Boom Capacities

Boom No. 76

168,000 lb Crane Counterweight

53,000 lb Carbody Counterweight

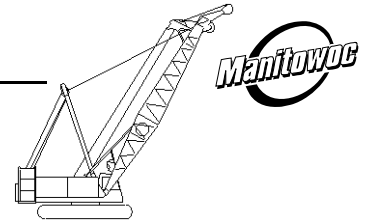
Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

14000 SERIES 2

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	Oper. Radius Feet
282.1 ft						
42	82.7	287.6	78,400 *			42
44	82.3	287.3	78,000 *			44
46	81.9	287.0	77,600 *	57,500 *		46
48	81.5	286.7	77,300 *	57,400 *		48
50	81.1	286.4	76,900 *	57,300 *		50
55	80.0	285.5	76,000 *	57,200 *	40,300 *	55
60	79.0	284.5	75,000 *	57,100 *	40,200 *	60
65	78.0	283.5	69,400	56,900 *	40,200 *	65
70	76.9	282.3	62,100	55,500	40,100 *	70
75	75.9	281.1	55,900	50,300	40,000 *	75
80	74.8	279.7	50,600	45,700	40,000 *	80
85	73.8	278.3	46,000	41,700	37,800	85
90	72.7	276.7	41,900	38,100	34,700	90
95	71.6	275.1	38,400	35,000	31,900	95
100	70.6	273.3	35,200	32,100	29,400	100
105	69.5	271.5	32,300	29,600	27,100	105
110	68.4	269.5	29,800	27,300	25,000	110
115	67.3	267.4	27,400	25,200	23,100	115
120	66.2	265.2	25,300	23,300	21,400	120
125	65.1	262.9	23,400	21,500	19,800	125
130	63.9	260.5	21,600	19,900	18,300	130
135	62.8	257.9	20,000	18,400	16,900	135
140	61.6	255.2	18,500	17,000	15,600	140
145	60.5	252.4	17,100	15,700	14,400	145
150	59.3	249.4	15,800	14,500	13,300	150
155	58.1	246.3	14,600	13,400	12,300	155
160	56.9	243.1	13,400	12,300	11,300	160
165	55.7	239.7	12,400	11,400	10,400	165
170	54.4	236.1	11,400	10,400	9,500	170
175	53.2	232.4	10,500	9,600	8,700	175
180	51.9	228.5	9,600	8,700	7,900	180
185	50.6	224.4	8,700	8,000	7,200	185
190	49.2	220.2	8,000	7,200	6,500	190
195	47.9	215.7	7,200	6,500	5,900	195
200	46.5	211.0	6,500	5,900	5,200	200
205	45.0	206.0	5,800	5,200	4,600	205
210	43.6	200.8	5,200	4,600	4,100	210
215	42.1	195.3	4,600	4,100		215
220	40.5	189.5	4,000			220



Liftcrane Boom Capacities

Boom No. 76
 168,000 lb Crane Counterweight
 53,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

14000 SERIES 2

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
292.0 ft			
42	83.0	297.5	72,300 *
44	82.6	297.2	71,900 *
46	82.2	297.0	71,500 *
48	81.8	296.6	71,200 *
50	81.4	296.3	70,800 *
55	80.4	295.5	70,000 *
60	79.4	294.6	69,000 *
65	78.4	293.5	68,200 *
70	77.4	292.4	61,800
75	76.4	291.2	55,600
80	75.4	289.9	50,300
85	74.3	288.5	45,600
90	73.3	287.0	41,600
95	72.3	285.4	38,000
100	71.2	283.7	34,800
105	70.2	282.0	32,000
110	69.2	280.1	29,400
115	68.1	278.1	27,100
120	67.0	276.0	24,900
125	66.0	273.7	23,000
130	64.9	271.4	21,200
135	63.8	269.0	19,600
140	62.7	266.4	18,100
145	61.6	263.7	16,700
150	60.4	260.9	15,400
155	59.3	257.9	14,200
160	58.1	254.8	13,100
165	57.0	251.6	12,000
170	55.8	248.2	11,000
175	54.6	244.7	10,100
180	53.4	241.0	9,200
185	52.1	237.1	8,400
190	50.9	233.1	7,600
195	49.6	228.9	6,800
200	48.3	224.4	6,100
205	46.9	219.8	5,500
210	45.6	214.9	4,800
215	44.2	209.8	4,200