

Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

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

Upper boom point capacity for liftcrane service with single part whip line or combination of two single part lines is 29,500 Lbs. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

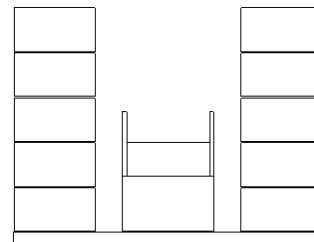
Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and machine list not to exceed degrees noted. Refer to boom rigging **No. 196151** and Wire Rope Specification chart **No. 8391-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 28 Ft. 2 in. crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 219,600 Lb. crane counterweight, two 22,000 Lb. and two 18,000 Lb. carbody counterweights.

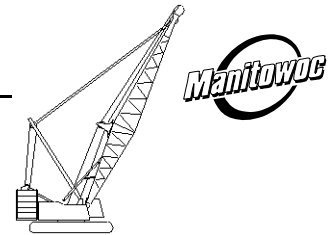


219,600 Lb. Crane Counterweight
10 Side Boxes - 1 Center Box

Maximum Boom Lengths Lifted Unassisted With or Without Auxiliary Drum In Boom Butt		
List	Over End Of Blocked Crawlers	Over Side Of Crawlers
	Boom Length	Boom Length
0 Degree	260 Ft.	260 Ft.
1 Degree	250 Ft.	250 Ft.
2 Degree	250 Ft.	250 Ft.
3 Degree	250 Ft.	250 Ft.

Load block, hook and weight ball on barge at start. *Jib is not to be used on crawler machine while operating on a barge.*

Auxiliary Drum Deduct
Deduct 4,000 Lbs. From Boom Capacities When Boom Butt Is Equipped With Auxiliary Drum.

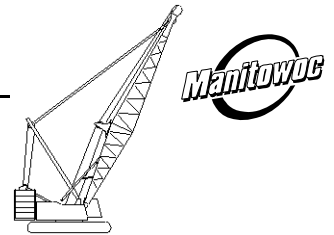


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
70 Ft. Boom							
15	81.8	77.4	460,000 *				15
16	81.0	77.2	460,000 *				16
17	80.1	77.0	460,000 *				17
18	79.3	76.9	441,200 *				18
19	78.5	76.7	419,600 *	339,900 *			19
20	77.6	76.4	400,000 *	339,900 *			20
22	75.9	76.0	365,700 *	339,900 *			22
24	74.3	75.4	336,700 *	317,400 *			24
26	72.5	74.8	311,800 *	295,100 *	237,200 *		26
28	70.8	74.2	290,200 *	275,600 *	237,200 *		28
30	69.1	73.5	271,400 *	258,500 *	235,300 *	180,800 *	30
32	67.3	72.7	254,700 *	243,300 *	220,000 *	180,800 *	32
34	65.5	71.8	239,900 *	227,400 *	206,500 *	178,100 *	34
36	63.7	70.8	221,900	210,000	194,400 *	167,600 *	36
38	61.9	69.8	205,200	194,900	183,700 *	158,200 *	38
40	60.0	68.7	190,800	181,800	173,500	149,700 *	40
42	58.1	67.5	178,100	170,200	162,900	142,000 *	42
44	56.1	66.2	166,900	160,000	153,500	135,100 *	44
46	54.1	64.8	157,000	150,800	145,100	128,700 *	46
48	52.1	63.3	148,100	142,600	137,400	122,800 *	48
50	50.0	61.7	140,100	135,200	130,500	117,400 *	50
55	44.4	57.1	123,100	119,400	115,800	105,700 *	55
60	38.2	51.4	109,600	106,700	103,900	95,900 *	60
65	31.0	44.1	96,700 *	95,500 *	94,100	87,500 *	65
70	21.8	34.0	75,800 *	75,200 *	74,600 *	74,000 *	70

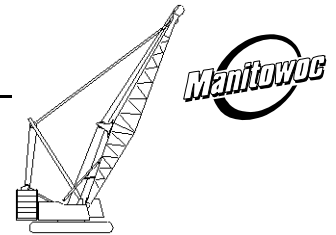


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80 Ft. Boom							
17	81.4	87.2	427,900 *				17
18	80.6	87.0	421,300 *				18
19	79.9	86.8	414,900 *	326,000 *			19
20	79.2	86.7	399,500 *	326,000 *			20
22	77.7	86.2	365,200 *	326,000 *			22
24	76.3	85.8	336,200 *	314,700 *			24
26	74.8	85.3	311,300 *	292,700 *	229,800 *		26
28	73.3	84.7	289,800 *	273,500 *	229,800 *		28
30	71.8	84.1	270,900 *	256,600 *	229,800 *	176,500 *	30
32	70.3	83.4	254,300 *	241,500 *	219,600 *	176,500 *	32
34	68.7	82.6	239,400 *	225,600	206,100 *	176,500 *	34
36	67.2	81.8	221,900	208,400	194,100 *	167,200 *	36
38	65.6	80.9	205,200	193,500	182,900	157,800 *	38
40	64.1	80.0	190,700	180,500	171,200	149,300 *	40
42	62.5	79.0	178,000	169,100	160,800	141,700 *	42
44	60.8	77.9	166,900	158,900	151,600	134,700 *	44
46	59.2	76.8	156,900	149,800	143,300	128,300 *	46
48	57.5	75.5	148,000	141,700	135,800	122,500 *	48
50	55.8	74.2	140,000	134,300	129,000	117,100 *	50
55	51.3	70.5	123,000	118,600	114,400	105,300 *	55
60	46.6	66.2	109,500	106,000	102,600	95,500 *	60
65	41.4	61.0	98,300	95,600	92,900	87,200 *	65
70	35.7	54.7	89,000	86,800	84,700	80,100 *	70
75	29.0	46.8	80,100 *	79,100 *	77,700	73,900 *	75
80	20.4	35.9	65,800 *	65,300 *	64,800 *	64,300 *	80

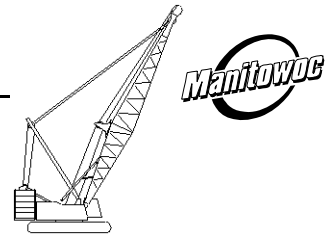


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90 Ft. Boom							
18	81.7	97.1	378,000 *				18
19	81.1	97.0	372,400 *				19
20	80.4	96.8	366,900 *	315,800 *			20
22	79.1	96.4	356,400 *	308,000 *	242,900 *		22
24	77.8	96.0	335,600 *	300,600 *	242,900 *		24
26	76.5	95.6	310,800 *	290,300 *	242,900 *		26
28	75.2	95.1	289,200 *	271,300 *	242,900 *	189,000 *	28
30	73.9	94.5	270,300 *	254,500 *	234,500 *	189,000 *	30
32	72.5	93.9	253,700 *	239,700 *	219,200 *	189,000 *	32
34	71.2	93.3	238,900 *	223,800	205,700 *	177,300 *	34
36	69.9	92.6	221,800	206,800	193,400	166,800 *	36
38	68.5	91.8	205,100	192,000	180,300	157,300 *	38
40	67.1	91.0	190,600	179,200	168,900	148,900 *	40
42	65.7	90.1	177,900	167,800	158,700	141,200 *	42
44	64.3	89.2	166,700	157,800	149,600	134,200 *	44
46	62.9	88.2	156,700	148,800	141,400	127,800 *	46
48	61.5	87.1	147,800	140,700	134,100	122,000 *	48
50	60.0	86.0	139,700	133,300	127,400	116,600 *	50
55	56.3	82.9	122,800	117,800	113,000	104,900 *	55
60	52.3	79.3	109,200	105,200	101,400	95,100 *	60
65	48.2	75.2	98,100	94,800	91,700	86,800 *	65
70	43.8	70.3	88,800	86,100	83,600	79,700 *	70
75	38.9	64.6	80,900	78,800	76,700	73,500 *	75
80	33.6	57.8	74,200	72,400	70,700	68,100 *	80
85	27.3	49.3	67,300 *	66,600 *	65,500	63,200 *	85
90	19.2	37.6	57,300 *	56,900 *	56,500 *	56,100 *	90

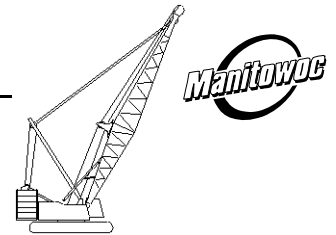


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100 Ft. Boom							
19	82.0	107.1	364,000 *				19
20	81.4	106.9	358,600 *				20
22	80.2	106.6	348,200 *	298,600 *			22
24	79.0	106.2	335,300 *	291,800 *	233,200 *	182,800 *	24
26	77.9	105.8	310,400 *	285,200 *	233,200 *	182,800 *	26
28	76.7	105.4	288,900 *	269,300 *	233,200 *	182,800 *	28
30	75.5	104.9	270,000 *	252,800 *	233,200 *	182,800 *	30
32	74.3	104.4	253,300 *	238,000 *	219,000 *	182,800 *	32
34	73.1	103.8	238,500 *	222,100	205,400	177,000 *	34
36	71.9	103.1	221,900	205,300	190,800	166,500 *	36
38	70.7	102.5	205,100	190,700	178,000	157,000 *	38
40	69.5	101.7	190,500	178,000	166,800	148,600 *	40
42	68.3	101.0	177,800	166,800	156,800	140,900 *	42
44	67.0	100.2	166,600	156,800	147,800	133,900 *	44
46	65.8	99.3	156,600	147,800	139,800	127,500 *	46
48	64.5	98.4	147,700	139,800	132,600	121,700 *	48
50	63.3	97.4	139,600	132,500	125,900	116,300 *	50
55	60.0	94.7	122,700	117,000	111,800	104,600 *	55
60	56.6	91.6	109,100	104,500	100,300	94,800 *	60
65	53.1	88.1	97,900	94,200	90,700	86,500 *	65
70	49.5	84.1	88,600	85,600	82,700	79,400 *	70
75	45.6	79.5	80,800	78,200	75,800	73,200 *	75
80	41.4	74.2	74,000	71,900	69,800	67,800 *	80
85	36.9	68.1	68,100	66,400	64,600	63,000	85
90	31.8	60.7	63,000	61,500	60,100	58,700	90
95	25.8	51.7	57,400 *	56,700 *	56,000	54,900	95
100	18.2	39.3	49,900 *	49,500 *	49,100 *	48,700 *	100

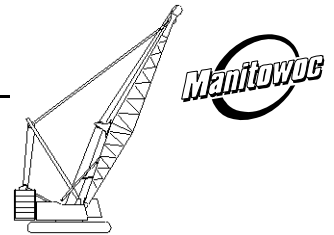


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110 Ft. Boom							
22	81.1	116.7	314,400 *				22
24	80.1	116.4	306,200 *	256,100 *			24
26	79.0	116.0	298,400 *	250,600 *	217,000 *	175,600 *	26
28	77.9	115.6	288,200 *	245,200 *	213,000 *	175,500 *	28
30	76.9	115.2	269,300 *	240,100 *	209,000 *	175,500 *	30
32	75.8	114.7	252,700 *	235,100 *	205,200 *	175,500 *	32
34	74.7	114.2	237,900 *	220,200	201,500 *	175,500 *	34
36	73.6	113.6	221,600	203,600	188,000	165,900 *	36
38	72.5	113.0	204,800	189,200	175,500	156,500 *	38
40	71.4	112.4	190,300	176,600	164,500	148,000 *	40
42	70.3	111.7	177,500	165,400	154,700	140,300 *	42
44	69.2	110.9	166,300	155,500	145,900	133,300 *	44
46	68.1	110.1	156,300	146,700	138,000	127,000 *	46
48	67.0	109.3	147,300	138,700	130,800	121,100 *	48
50	65.9	108.4	139,300	131,500	124,300	115,700 *	50
55	63.0	106.0	122,300	116,100	110,400	104,000 *	55
60	60.0	103.3	108,700	103,700	99,000	94,200 *	60
65	56.9	100.3	97,500	93,400	89,600	85,900	65
70	53.8	96.8	88,200	84,800	81,600	78,500	70
75	50.5	92.9	80,400	77,500	74,800	72,200	75
80	47.0	88.5	73,600	71,200	68,900	66,600	80
85	43.3	83.6	67,700	65,700	63,700	61,800	85
90	39.4	77.9	62,600	60,800	59,200	57,500	90
95	35.1	71.3	58,000	56,600	55,100	53,700	95
100	30.3	63.5	54,000	52,700	51,500	50,300	100
105	24.6	53.9	49,000 *	48,500 *	47,900 *	47,300	105
110	17.3	40.9	42,700 *	42,400 *	42,100 *	41,700 *	110

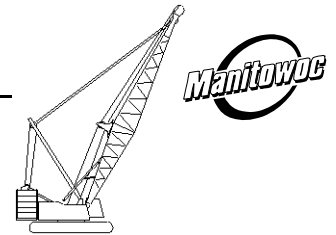


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120 Ft. Boom							
22	81.9	126.9	305,900 *				22
24	80.9	126.6	298,000 *	248,600 *			24
26	79.9	126.2	290,400 *	243,200 *	210,600 *		26
28	78.9	125.8	283,100 *	238,000 *	206,600 *	168,800 *	28
30	78.0	125.4	268,900 *	233,000 *	202,700 *	168,700 *	30
32	77.0	125.0	252,200 *	228,200 *	199,000 *	168,600 *	32
34	76.0	124.5	237,400 *	218,400	195,400 *	168,500 *	34
36	75.0	124.0	221,400	202,000	185,300	165,500 *	36
38	74.0	123.4	204,600	187,700	173,100	156,000 *	38
40	73.0	122.9	190,000	175,200	162,300	147,600 *	40
42	72.0	122.2	177,300	164,200	152,700	139,900 *	42
44	71.0	121.6	166,000	154,400	144,100	132,900 *	44
46	70.0	120.8	156,000	145,600	136,300	126,600 *	46
48	69.0	120.1	147,100	137,700	129,300	120,700 *	48
50	68.0	119.3	139,000	130,500	122,900	115,300 *	50
55	65.4	117.2	122,000	115,300	109,100	103,400	55
60	62.7	114.7	108,400	102,900	97,900	93,200	60
65	60.0	112.0	97,200	92,700	88,600	84,600	65
70	57.2	108.9	87,900	84,200	80,700	77,300	70
75	54.3	105.5	80,100	76,900	73,900	71,100	75
80	51.3	101.7	73,300	70,600	68,100	65,600	80
85	48.2	97.5	67,500	65,100	62,900	60,800	85
90	44.9	92.8	62,300	60,300	58,400	56,600	90
95	41.4	87.4	57,800	56,100	54,400	52,800	95
100	37.7	81.4	53,700	52,300	50,800	49,400	100
105	33.6	74.4	50,100	48,800	47,600	46,400	105
110	29.0	66.2	46,800	45,800	44,700	43,700	110
115	23.6	56.0	42,300 *	41,800 *	41,300 *	40,900 *	115
120	16.6	42.3	36,900 *	36,600 *	36,300 *	36,100 *	120

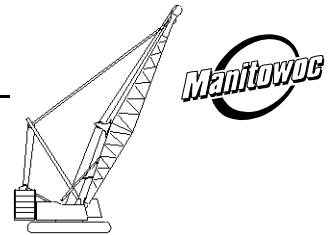


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130 Ft. Boom							
24	81.6	136.7	277,300 *				24
26	80.7	136.4	270,900 *	220,800 *			26
28	79.8	136.0	264,600 *	216,500 *	184,400 *		28
30	78.9	135.6	258,600 *	212,400 *	181,300 *	158,500 *	30
32	78.0	135.2	252,000 *	208,400 *	178,300 *	156,100 *	32
34	77.1	134.8	237,200 *	204,500 *	175,300 *	153,700 *	34
36	76.2	134.3	221,400	200,600	172,500 *	151,400 *	36
38	75.3	133.8	204,600	186,500	169,700 *	149,200 *	38
40	74.4	133.3	190,000	174,100	160,400	147,100 *	40
42	73.5	132.7	177,200	163,200	151,000	139,700 *	42
44	72.5	132.1	166,000	153,500	142,500	132,700 *	44
46	71.6	131.4	156,000	144,800	134,900	126,000	46
48	70.7	130.8	147,000	136,900	127,900	119,800	48
50	69.7	130.0	138,900	129,800	121,600	114,200	50
55	67.4	128.1	121,900	114,700	108,100	102,100	55
60	65.0	125.9	108,300	102,400	97,000	92,000	60
65	62.5	123.4	97,100	92,300	87,800	83,600	65
70	60.0	120.7	87,800	83,800	80,000	76,400	70
75	57.4	117.6	80,000	76,500	73,300	70,200	75
80	54.8	114.3	73,200	70,300	67,500	64,800	80
85	52.0	110.5	67,400	64,800	62,400	60,100	85
90	49.2	106.4	62,200	60,000	57,900	55,900	90
95	46.2	101.9	57,700	55,800	53,900	52,200	95
100	43.0	96.8	53,700	52,000	50,400	48,800	100
105	39.7	91.1	50,000	48,600	47,200	45,800	105
110	36.1	84.7	46,800	45,500	44,300	43,100	110
115	32.2	77.4	43,800	42,700	41,600	40,600	115
120	27.8	68.7	41,100	40,200	39,200	38,300	120
125	22.6	58.1	36,800 *	36,400 *	36,000 *	35,600 *	125
130	15.9	43.8	32,200 *	31,900 *	31,700 *	31,400 *	130

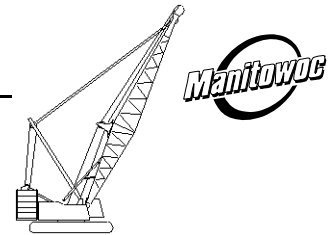


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
140 Ft. Boom							
26	81.4	146.5	260,300 *				26
28	80.5	146.2	254,400 *	208,100 *			28
30	79.7	145.8	248,700 *	204,100 *	174,400 *		30
32	78.9	145.4	243,300 *	200,300 *	171,500 *	146,100 *	32
34	78.0	145.0	236,700 *	196,600 *	168,600 *	145,000 *	34
36	77.2	144.6	221,100	193,000 *	165,900 *	143,800 *	36
38	76.4	144.1	204,300	185,000	163,200 *	142,700 *	38
40	75.5	143.6	189,700	172,800	158,300	141,500 *	40
42	74.7	143.1	176,900	161,900	149,000	137,700	42
44	73.8	142.5	165,600	152,300	140,700	130,400	44
46	73.0	141.9	155,600	143,700	133,200	123,900	46
48	72.1	141.3	146,700	135,900	126,400	117,900	48
50	71.3	140.6	138,600	128,900	120,200	112,400	50
55	69.1	138.8	121,600	113,800	106,800	100,400	55
60	66.9	136.8	107,900	101,600	95,900	90,600	60
65	64.6	134.6	96,800	91,600	86,700	82,300	65
70	62.3	132.1	87,500	83,100	79,000	75,200	70
75	60.0	129.3	79,600	75,900	72,400	69,100	75
80	57.6	126.3	72,900	69,700	66,600	63,800	80
85	55.2	123.0	67,000	64,200	61,600	59,100	85
90	52.6	119.3	61,900	59,500	57,200	55,000	90
95	50.0	115.3	57,300	55,200	53,200	51,300	95
100	47.3	110.9	53,300	51,500	49,700	48,000	100
105	44.4	106.0	49,700	48,100	46,500	45,000	105
110	41.4	100.7	46,400	45,000	43,600	42,300	110
115	38.2	94.7	43,500	42,200	41,000	39,800	115
120	34.8	87.9	40,800	39,700	38,600	37,600	120
125	31.0	80.2	38,300	37,400	36,400	35,500	125
130	26.8	71.1	35,600 *	35,100 *	34,400	33,600	130
135	21.8	60.0	31,900 *	31,500 *	31,100 *	30,800 *	135
140	15.4	45.2	27,800 *	27,600 *	27,400 *	27,200 *	140

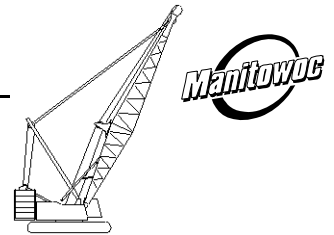


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
 219,600 Lb. Crane Counterweight
 80,000 Lb. Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
150 Ft. Boom							
26	82.0	156.6	240,500 *				26
28	81.2	156.3	235,500 *				28
30	80.4	156.0	230,700 *	184,800 *			30
32	79.6	155.6	226,000 *	181,700 *	152,900 *		32
34	78.9	155.2	221,400 *	178,600 *	150,600 *	130,300 *	34
36	78.1	154.8	217,000 *	175,600 *	148,300 *	128,600 *	36
38	77.3	154.4	204,000	172,600 *	146,100 *	126,800 *	38
40	76.5	153.9	189,400	169,800 *	144,000 *	125,100 *	40
42	75.7	153.4	176,600	160,700	141,900 *	123,400 *	42
44	74.9	152.9	165,300	151,100	138,900	121,800 *	44
46	74.1	152.4	155,300	142,600	131,500	120,200 *	46
48	73.3	151.8	146,300	134,800	124,800	115,900	48
50	72.5	151.2	138,200	127,800	118,600	110,500	50
55	70.5	149.5	121,200	112,900	105,500	98,800	55
60	68.5	147.6	107,500	100,800	94,700	89,100	60
65	66.4	145.5	96,300	90,700	85,600	80,900	65
70	64.3	143.3	87,000	82,300	78,000	74,000	70
75	62.2	140.7	79,100	75,100	71,400	67,900	75
80	60.0	138.0	72,400	68,900	65,700	62,700	80
85	57.8	135.0	66,500	63,500	60,700	58,100	85
90	55.5	131.7	61,400	58,800	56,300	54,000	90
95	53.1	128.1	56,900	54,600	52,400	50,300	95
100	50.7	124.2	52,800	50,800	48,900	47,000	100
105	48.2	119.9	49,200	47,400	45,700	44,100	105
110	45.6	115.2	46,000	44,400	42,800	41,400	110
115	42.8	110.0	43,000	41,600	40,200	38,900	115
120	39.9	104.4	40,300	39,100	37,800	36,700	120
125	36.9	98.1	37,900	36,700	35,700	34,600	125
130	33.6	91.0	35,600	34,600	33,700	32,700	130
135	29.9	82.9	33,500	32,600	31,800	31,000	135
140	25.8	73.5	30,600 *	30,100 *	29,700 *	29,300 *	140
145	21.0	61.9	27,300 *	27,000 *	26,600 *	26,300 *	145

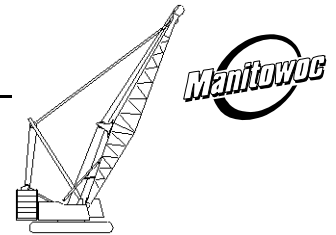


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
160 Ft. Boom							
28	81.7	166.4	225,000 *				28
30	81.0	166.1	220,500 *	176,800 *			30
32	80.3	165.8	216,100 *	173,800 *			32
34	79.6	165.4	211,800 *	170,800 *	144,200 *		34
36	78.8	165.0	207,600 *	168,000 *	142,100 *	123,300 *	36
38	78.1	164.6	203,600 *	165,200 *	139,900 *	121,600 *	38
40	77.4	164.2	189,000	162,400 *	137,900 *	120,000 *	40
42	76.6	163.7	176,200	159,400	135,800 *	118,300 *	42
44	75.9	163.2	164,900	149,900	133,800 *	116,700 *	44
46	75.2	162.7	154,900	141,400	129,800	115,100 *	46
48	74.4	162.2	145,900	133,800	123,200	113,600 *	48
50	73.7	161.6	137,800	126,800	117,200	108,600	50
55	71.8	160.1	120,800	112,000	104,200	97,200	55
60	69.9	158.3	107,100	100,000	93,500	87,700	60
65	68.0	156.4	95,900	90,000	84,600	79,600	65
70	66.0	154.3	86,600	81,600	77,000	72,800	70
75	64.1	151.9	78,700	74,500	70,500	66,800	75
80	62.0	149.4	72,000	68,300	64,900	61,700	80
85	60.0	146.6	66,100	62,900	59,900	57,100	85
90	57.9	143.6	61,000	58,200	55,500	53,100	90
95	55.8	140.4	56,400	54,000	51,600	49,400	95
100	53.6	136.8	52,400	50,200	48,200	46,200	100
105	51.3	133.0	48,800	46,900	45,000	43,200	105
110	49.0	128.8	45,600	43,800	42,200	40,600	110
115	46.6	124.3	42,600	41,100	39,600	38,100	115
120	44.0	119.3	39,900	38,500	37,200	35,900	120
125	41.4	113.9	37,500	36,200	35,000	33,900	125
130	38.6	107.9	35,200	34,100	33,000	32,000	130
135	35.7	101.3	33,100	32,200	31,200	30,200	135
140	32.5	93.9	31,200	30,300	29,500	28,600	140
145	29.0	85.5	29,200 *	28,700	27,900	27,100	145
150	25.0	75.7	26,300 *	25,900 *	25,500 *	25,200 *	150
155	20.4	63.7	23,400 *	23,100 *	22,800 *	22,600 *	155

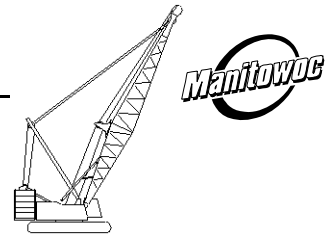


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
 219,600 Lb. Crane Counterweight
 80,000 Lb. Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170 Ft. Boom							
30	81.5	176.2	208,300 *				30
32	80.9	175.9	204,500 *	161,500 *			32
34	80.2	175.6	200,900 *	158,900 *			34
36	79.5	175.2	197,300 *	156,500 *	130,600 *		36
38	78.8	174.8	193,700 *	154,100 *	128,800 *	108,500 *	38
40	78.1	174.4	188,800	151,800 *	127,100 *	108,400 *	40
42	77.4	174.0	176,000	149,500 *	125,300 *	107,900 *	42
44	76.7	173.5	164,700	147,300 *	123,700 *	106,600 *	44
46	76.0	173.1	154,700	140,500	122,000 *	105,300 *	46
48	75.3	172.5	145,700	132,900	120,400 *	104,000 *	48
50	74.7	172.0	137,600	126,000	115,900	102,800 *	50
55	72.9	170.5	120,500	111,200	103,100	95,800	55
60	71.1	168.9	106,900	99,300	92,500	86,400	60
65	69.3	167.1	95,700	89,400	83,700	78,500	65
70	67.5	165.2	86,400	81,100	76,200	71,800	70
75	65.7	163.0	78,500	73,900	69,800	65,900	75
80	63.8	160.6	71,700	67,800	64,200	60,800	80
85	61.9	158.1	65,800	62,400	59,300	56,300	85
90	60.0	155.3	60,700	57,700	54,900	52,300	90
95	58.0	152.3	56,200	53,500	51,100	48,700	95
100	56.0	149.0	52,100	49,800	47,600	45,500	100
105	54.0	145.5	48,500	46,500	44,500	42,600	105
110	51.9	141.8	45,300	43,400	41,600	40,000	110
115	49.7	137.7	42,300	40,700	39,100	37,500	115
120	47.4	133.3	39,700	38,200	36,700	35,300	120
125	45.1	128.5	37,200	35,900	34,600	33,300	125
130	42.7	123.3	35,000	33,700	32,600	31,400	130
135	40.1	117.6	32,900	31,800	30,700	29,700	135
140	37.4	111.4	31,000	30,000	29,000	28,100	140
145	34.6	104.5	29,200	28,300	27,400	26,600	145
150	31.5	96.8	27,500	26,700	26,000	25,200	150
155	28.1	88.1	25,300 *	24,800 *	24,400 *	23,900	155
160	24.2	77.9	22,700 *	22,400 *	22,000 *	21,700 *	160
165	19.7	65.5	20,100 *	19,900 *	19,600 *	19,400 *	165

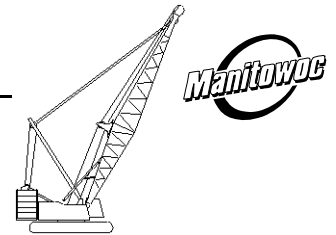


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
 219,600 Lb. Crane Counterweight
 80,000 Lb. Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180 Ft. Boom							
30	82.0	186.3	197,700 *				30
32	81.4	186.0	194,200 *				32
34	80.7	185.7	190,800 *	151,200 *			34
36	80.1	185.4	187,400 *	148,900 *			36
38	79.4	185.0	184,100 *	146,700 *	120,200 *		38
40	78.8	184.6	180,900 *	144,400 *	120,100 *	95,200 *	40
42	78.1	184.2	175,600	142,300 *	119,400 *	95,100 *	42
44	77.5	183.8	164,300	140,100 *	117,800 *	95,000 *	44
46	76.8	183.3	154,300	138,000 *	116,200 *	95,000 *	46
48	76.2	182.9	145,300	131,800	114,700 *	94,900 *	48
50	75.5	182.4	137,200	125,000	113,100 *	94,800 *	50
55	73.9	181.0	120,100	110,400	101,800	94,200	55
60	72.2	179.5	106,400	98,500	91,400	85,000	60
65	70.5	177.8	95,300	88,600	82,700	77,300	65
70	68.8	175.9	85,900	80,300	75,300	70,600	70
75	67.1	173.9	78,100	73,300	68,900	64,900	75
80	65.4	171.7	71,300	67,200	63,300	59,800	80
85	63.6	169.3	65,400	61,800	58,500	55,400	85
90	61.8	166.7	60,300	57,100	54,200	51,400	90
95	60.0	164.0	55,800	53,000	50,300	47,900	95
100	58.1	161.0	51,700	49,200	46,900	44,700	100
105	56.3	157.7	48,100	45,900	43,800	41,800	105
110	54.3	154.3	44,900	42,900	41,000	39,200	110
115	52.3	150.5	41,900	40,100	38,400	36,800	115
120	50.3	146.5	39,200	37,600	36,100	34,600	120
125	48.2	142.2	36,800	35,300	33,900	32,600	125
130	46.0	137.6	34,600	33,200	32,000	30,700	130
135	43.8	132.6	32,500	31,300	30,100	29,000	135
140	41.4	127.1	30,600	29,500	28,400	27,400	140
145	38.9	121.2	28,800	27,800	26,900	25,900	145
150	36.3	114.7	27,200	26,300	25,400	24,500	150
155	33.6	107.6	25,600	24,800	24,000	23,200	155
160	30.6	99.6	23,900 *	23,400 *	22,700	22,000	160
165	27.3	90.5	21,600 *	21,200 *	20,800 *	20,400 *	165
170	23.6	80.0	19,300 *	19,000 *	18,700 *	18,400 *	170
175	19.2	67.2	17,000 *	16,700 *	16,500 *	16,300 *	175

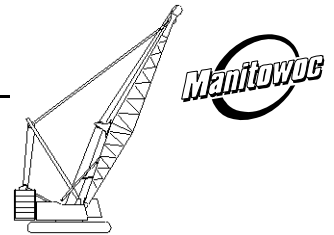


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
190 Ft. Boom							
32	81.8	196.1	181,000 *				32
34	81.2	195.8	178,100 *				34
36	80.6	195.5	175,200 *	136,900 *			36
38	80.0	195.2	172,400 *	135,000 *	106,300 *		38
40	79.4	194.8	169,700 *	133,100 *	106,200 *		40
42	78.8	194.4	166,900 *	131,200 *	106,100 *	83,600 *	42
44	78.2	194.0	164,000	129,400 *	105,900 *	83,500 *	44
46	77.5	193.6	153,900	127,600 *	105,800 *	83,400 *	46
48	76.9	193.1	144,900	125,900 *	104,700 *	83,300 *	48
50	76.3	192.7	136,800	124,000	103,400 *	83,300 *	50
55	74.7	191.4	119,700	109,500	100,200 *	83,100 *	55
60	73.2	189.9	106,000	97,600	90,200	82,900 *	60
65	71.6	188.3	94,800	87,800	81,600	76,000	65
70	70.0	186.6	85,500	79,600	74,300	69,400	70
75	68.4	184.7	77,600	72,500	68,000	63,800	75
80	66.8	182.6	70,800	66,500	62,500	58,800	80
85	65.1	180.4	64,900	61,100	57,600	54,400	85
90	63.4	178.0	59,800	56,500	53,300	50,500	90
95	61.7	175.4	55,300	52,300	49,500	47,000	95
100	60.0	172.6	51,200	48,600	46,100	43,800	100
105	58.2	169.6	47,600	45,300	43,000	40,900	105
110	56.5	166.4	44,400	42,200	40,200	38,300	110
115	54.6	163.0	41,400	39,500	37,700	36,000	115
120	52.8	159.3	38,700	37,000	35,400	33,800	120
125	50.8	155.4	36,300	34,700	33,200	31,800	125
130	48.9	151.2	34,000	32,600	31,200	29,900	130
135	46.8	146.6	32,000	30,700	29,400	28,200	135
140	44.7	141.8	30,100	28,900	27,700	26,600	140
145	42.5	136.5	28,300	27,200	26,200	25,200	145
150	40.3	130.8	26,600	25,600	24,700	23,800	150
155	37.9	124.7	25,100	24,200	23,300	22,500	155
160	35.3	118.0	23,700	22,800	22,000	21,300	160
165	32.6	110.5	22,200 *	21,600	20,800	20,100	165
170	29.7	102.3	20,200 *	19,700 *	19,300 *	18,900 *	170
175	26.5	92.9	18,100 *	17,700 *	17,400 *	17,000 *	175
180	22.9	82.1	16,100 *	15,800 *	15,500 *	15,200 *	180
185	18.7	68.9	13,900 *	13,700 *	13,500 *	13,300 *	185

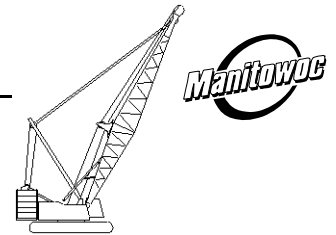


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200 Ft. Boom							
34	81.7	206.0	168,000 *				34
36	81.1	205.7	165,400 *				36
38	80.5	205.3	162,800 *	126,400 *			38
40	79.9	205.0	160,200 *	126,000 *	94,300 *		40
42	79.3	204.6	157,600 *	124,200 *	94,200 *		42
44	78.8	204.2	155,100 *	122,500 *	94,000 *	73,700 *	44
46	78.2	203.8	152,700 *	120,700 *	93,900 *	73,600 *	46
48	77.6	203.4	144,500	119,100 *	93,800 *	73,500 *	48
50	77.0	202.9	136,400	117,400 *	93,700 *	73,400 *	50
55	75.5	201.7	119,300	108,600	93,300 *	73,200 *	55
60	74.0	200.4	105,600	96,800	89,100	73,100 *	60
65	72.5	198.9	94,400	87,100	80,600	72,900 *	65
70	71.0	197.2	85,000	78,900	73,300	68,300	70
75	69.5	195.4	77,100	71,800	67,100	62,700	75
80	68.0	193.5	70,400	65,800	61,600	57,800	80
85	66.4	191.4	64,500	60,500	56,800	53,400	85
90	64.8	189.1	59,300	55,800	52,600	49,600	90
95	63.3	186.7	54,800	51,700	48,800	46,100	95
100	61.6	184.1	50,800	48,000	45,400	43,000	100
105	60.0	181.3	47,200	44,700	42,300	40,100	105
110	58.3	178.3	43,900	41,700	39,600	37,600	110
115	56.6	175.1	41,000	38,900	37,000	35,200	115
120	54.9	171.7	38,300	36,400	34,700	33,100	120
125	53.1	168.1	35,800	34,200	32,600	31,100	125
130	51.3	164.2	33,600	32,100	30,600	29,200	130
135	49.5	160.1	31,500	30,100	28,800	27,500	135
140	47.5	155.6	29,600	28,300	27,100	26,000	140
145	45.6	150.9	27,800	26,700	25,600	24,500	145
150	43.5	145.8	26,200	25,100	24,100	23,100	150
155	41.4	140.4	24,700	23,700	22,700	21,800	155
160	39.2	134.5	23,200	22,300	21,500	20,600	160
165	36.9	128.1	21,900	21,100	20,300	19,500	165
170	34.4	121.1	20,600	19,900	19,100	18,400	170
175	31.8	113.4	18,800 *	18,300 *	17,900 *	17,400	175
180	29.0	104.9	16,900 *	16,500 *	16,100 *	15,800 *	180
185	25.8	95.2	15,100 *	14,700 *	14,400 *	14,100 *	185
190	22.3	84.1	13,200 *	12,900 *	12,700 *	12,400 *	190
195	18.2	70.5	11,300 *	11,100 *	10,900 *	10,700 *	195

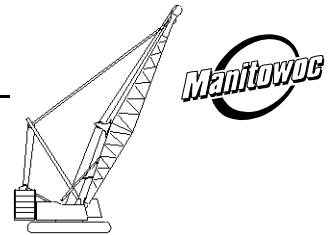


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
 219,600 Lb. Crane Counterweight
 80,000 Lb. Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
210 Ft. Boom							
36	81.5	215.8	157,000 *				36
38	81.0	215.5	154,800 *	113,400 *			38
40	80.4	215.1	152,600 *	113,100 *			40
42	79.9	214.8	150,200 *	112,900 *	83,900 *		42
44	79.3	214.4	147,800 *	112,700 *	83,800 *		44
46	78.7	214.0	145,500 *	112,500 *	83,600 *	65,100 *	46
48	78.2	213.6	143,200 *	112,200 *	83,500 *	65,000 *	48
50	77.6	213.2	136,100	111,100 *	83,400 *	64,900 *	50
55	76.2	212.0	119,000	107,700 *	83,100 *	64,800 *	55
60	74.8	210.7	105,300	96,100	82,800 *	64,600 *	60
65	73.4	209.3	94,100	86,400	79,700	64,400 *	65
70	72.0	207.8	84,700	78,300	72,500	64,200 *	70
75	70.5	206.1	76,800	71,300	66,300	61,800	75
80	69.1	204.2	70,000	65,200	60,900	56,900	80
85	67.6	202.2	64,100	60,000	56,100	52,600	85
90	66.1	200.1	59,000	55,300	51,900	48,800	90
95	64.6	197.8	54,500	51,200	48,200	45,400	95
100	63.1	195.4	50,400	47,500	44,800	42,300	100
105	61.6	192.7	46,800	44,200	41,800	39,500	105
110	60.0	189.9	43,600	41,200	39,000	36,900	110
115	58.4	187.0	40,600	38,500	36,500	34,600	115
120	56.8	183.8	37,900	36,000	34,200	32,400	120
125	55.2	180.4	35,500	33,700	32,100	30,500	125
130	53.5	176.8	33,200	31,600	30,100	28,700	130
135	51.8	173.0	31,200	29,700	28,300	27,000	135
140	50.0	168.9	29,300	27,900	26,600	25,400	140
145	48.2	164.6	27,500	26,300	25,100	23,900	145
150	46.3	160.0	25,900	24,700	23,600	22,600	150
155	44.4	155.0	24,300	23,300	22,300	21,300	155
160	42.4	149.8	22,900	21,900	21,000	20,100	160
165	40.4	144.1	21,500	20,700	19,800	19,000	165
170	38.2	138.0	20,300	19,500	18,700	17,900	170
175	36.0	131.4	19,100	18,400	17,600	16,900	175
180	33.6	124.2	17,500 *	17,000 *	16,600 *	16,000	180
185	31.0	116.2	15,800 *	15,400 *	15,000 *	14,600 *	185
190	28.2	107.4	14,100 *	13,700 *	13,400 *	13,100 *	190
195	25.2	97.5	12,400 *	12,100 *	11,800 *	11,500 *	195
200	21.8	86.0	10,800 *	10,500 *	10,300 *	10,000 *	200
205	17.8	72.1	9,000 *	8,800 *	8,600 *	8,400 *	205

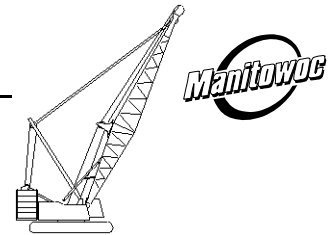


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220 Ft. Boom							
36	81.9	225.9	148,800 *				36
38	81.4	225.6	146,700 *				38
40	80.8	225.3	144,600 *	101,800 *			40
42	80.3	224.9	142,600 *	101,600 *			42
44	79.8	224.6	140,500 *	101,400 *	74,800 *		44
46	79.3	224.2	138,400 *	101,200 *	74,700 *		46
48	78.7	223.8	136,200 *	101,000 *	74,600 *	57,600 *	48
50	78.2	223.4	134,100 *	100,700 *	74,500 *	57,500 *	50
55	76.9	222.3	118,500	100,200 *	74,200 *	57,300 *	55
60	75.5	221.1	104,800	95,300	73,800 *	57,100 *	60
65	74.2	219.7	93,600	85,700	73,500 *	57,000 *	65
70	72.8	218.2	84,300	77,500	71,500	56,800 *	70
75	71.4	216.6	76,400	70,600	65,400	56,600 *	75
80	70.1	214.9	69,600	64,600	60,100	55,900	80
85	68.7	213.0	63,700	59,300	55,300	51,700	85
90	67.3	211.0	58,600	54,700	51,200	47,900	90
95	65.9	208.8	54,000	50,600	47,400	44,500	95
100	64.4	206.5	50,000	46,900	44,100	41,500	100
105	63.0	204.0	46,400	43,600	41,100	38,700	105
110	61.5	201.4	43,100	40,600	38,300	36,200	110
115	60.0	198.6	40,200	37,900	35,800	33,800	115
120	58.5	195.6	37,500	35,400	33,500	31,700	120
125	56.9	192.5	35,000	33,200	31,400	29,800	125
130	55.4	189.1	32,800	31,100	29,500	28,000	130
135	53.8	185.6	30,700	29,200	27,700	26,300	135
140	52.1	181.8	28,800	27,400	26,000	24,700	140
145	50.5	177.8	27,000	25,700	24,500	23,300	145
150	48.8	173.5	25,400	24,200	23,000	21,900	150
155	47.0	169.0	23,900	22,800	21,700	20,700	155
160	45.2	164.2	22,400	21,400	20,400	19,500	160
165	43.3	159.1	21,100	20,200	19,200	18,300	165
170	41.4	153.6	19,800	19,000	18,100	17,300	170
175	39.4	147.7	18,700	17,800	17,100	16,300	175
180	37.3	141.4	17,500	16,800	16,100	15,400	180
185	35.1	134.6	16,100 *	15,600 *	15,100 *	14,500	185
190	32.8	127.1	14,500 *	14,000 *	13,600 *	13,200 *	190
195	30.3	119.0	12,900 *	12,500 *	12,200 *	11,800 *	195
200	27.6	109.9	11,400 *	11,100 *	10,700 *	10,400 *	200
205	24.6	99.7	9,900 *	9,600 *	9,300 *	9,000 *	205
210	21.3	87.9	8,300 *	8,100 *	7,900 *	7,700 *	210
215	17.3	73.6	6,700 *	6,500 *	6,400 *	6,200 *	215

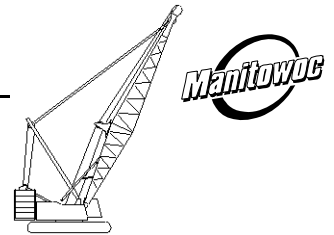


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
230 Ft. Boom							
38	81.8	235.7	135,000 *				38
40	81.2	235.4	134,200 *				40
42	80.7	235.1	132,400 *	91,100 *			42
44	80.2	234.7	130,600 *	90,900 *			44
46	79.7	234.4	128,800 *	90,700 *	66,400 *		46
48	79.2	234.0	127,000 *	90,500 *	66,300 *		48
50	78.7	233.6	125,200 *	90,300 *	66,200 *	50,600 *	50
55	77.4	232.6	118,200	89,800 *	65,900 *	50,400 *	55
60	76.2	231.4	104,400	89,200 *	65,600 *	50,200 *	60
65	74.9	230.1	93,200	84,900	65,300 *	50,100 *	65
70	73.6	228.7	83,800	76,800	65,000 *	49,900 *	70
75	72.3	227.2	75,900	69,900	64,500	49,700 *	75
80	71.0	225.5	69,100	63,900	63,900	49,500 *	80
85	69.6	223.7	63,200	58,700	54,500	49,400 *	85
90	68.3	221.8	58,100	54,000	50,400	47,000	90
95	67.0	219.7	53,500	49,900	46,700	43,600	95
100	65.6	217.5	49,500	46,300	43,300	40,600	100
105	64.2	215.2	45,900	43,000	40,300	37,900	105
110	62.8	212.7	42,600	40,000	37,600	35,300	110
115	61.4	210.1	39,600	37,300	35,100	33,000	115
120	60.0	207.3	37,000	34,800	32,800	30,900	120
125	58.6	204.3	34,500	32,600	30,700	29,000	125
130	57.1	201.1	32,300	30,500	28,800	27,200	130
135	55.6	197.8	30,200	28,600	27,000	25,500	135
140	54.1	194.3	28,300	26,800	25,400	24,000	140
145	52.5	190.6	26,500	25,100	23,800	22,500	145
150	50.9	186.6	24,900	23,600	22,400	21,200	150
155	49.3	182.4	23,300	22,200	21,000	19,900	155
160	47.6	178.0	21,900	20,800	19,800	18,700	160
165	45.9	173.3	20,600	19,500	18,600	17,600	165
170	44.2	168.3	19,300	18,400	17,500	16,600	170
175	42.3	163.0	18,100	17,300	16,400	15,600	175
180	40.5	157.3	17,000	16,200	15,400	14,700	180
185	38.5	151.2	16,000	15,200	14,500	13,800	185
190	36.5	144.7	14,500 *	14,000 *	13,500 *	12,900	190
195	34.3	137.7	13,000 *	12,600 *	12,100 *	11,700 *	195
200	32.0	130.0	11,600 *	11,100 *	10,800 *	10,400 *	200
205	29.6	121.6	10,100 *	9,800 *	9,400 *	9,100 *	205
210	27.0	112.4	8,700 *	8,400 *	8,100 *	7,800 *	210
215	24.1	101.9	7,300 *	7,100 *	6,800 *	6,600 *	215
220	20.8	89.8	5,900 *	5,700 *	5,500 *	5,300 *	220
225	17.0	75.2	4,400 *	4,300 *	4,100 *		225

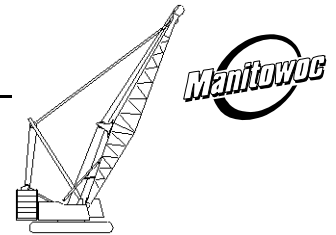


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
240 Ft. Boom							
40	81.6	245.5	122,500 *				40
42	81.1	245.2	122,100 *				42
44	80.6	244.9	121,700 *	82,100 *			44
46	80.2	244.5	121,300 *	81,900 *			46
48	79.7	244.2	120,000 *	81,700 *	59,300 *		48
50	79.2	243.8	118,400 *	81,500 *	59,200 *		50
55	78.0	242.8	114,200 *	81,000 *	58,900 *	44,600 *	55
60	76.8	241.7	104,100	80,500 *	58,600 *	44,400 *	60
65	75.5	240.4	92,800	80,000 *	58,400 *	44,300 *	65
70	74.3	239.1	83,400	76,100	58,100 *	44,100 *	70
75	73.0	237.6	75,500	69,200	57,800 *	43,900 *	75
80	71.8	236.0	68,700	63,300	57,500 *	43,800 *	80
85	70.5	234.3	62,800	58,100	53,800	43,600 *	85
90	69.3	232.5	57,700	53,500	49,700	43,400 *	90
95	68.0	230.6	53,100	49,400	46,000	42,900	95
100	66.7	228.5	49,100	45,700	42,700	39,900	100
105	65.4	226.2	45,400	42,500	39,700	37,100	105
110	64.1	223.9	42,200	39,500	37,000	34,600	110
115	62.7	221.4	39,200	36,800	34,500	32,400	115
120	61.4	218.7	36,600	34,300	32,200	30,300	120
125	60.0	215.9	34,100	32,100	30,200	28,400	125
130	58.6	212.9	31,900	30,000	28,200	26,600	130
135	57.2	209.8	29,800	28,100	26,400	24,900	135
140	55.8	206.5	27,900	26,300	24,800	23,400	140
145	54.3	203.0	26,100	24,600	23,300	21,900	145
150	52.8	199.3	24,500	23,100	21,800	20,600	150
155	51.3	195.4	22,900	21,700	20,500	19,300	155
160	49.8	191.3	21,500	20,300	19,200	18,200	160
165	48.2	187.0	20,100	19,100	18,000	17,100	165
170	46.6	182.4	18,900	17,900	16,900	16,000	170
175	44.9	177.5	17,700	16,800	15,900	15,000	175
180	43.2	172.3	16,600	15,700	14,900	14,100	180
185	41.4	166.8	15,500	14,700	14,000	13,200	185
190	39.6	161.0	14,500	13,800	13,100	12,400	190
195	37.7	154.7	13,200 *	12,600 *	12,100 *	11,600	195
200	35.7	148.0	11,700 *	11,300 *	10,800 *	10,400 *	200
205	33.6	140.7	10,400 *	9,900 *	9,500 *	9,100 *	205
210	31.3	132.9	9,000 *	8,700 *	8,300 *	7,900 *	210
215	29.0	124.3	7,700 *	7,400 *	7,100 *	6,800 *	215
220	26.4	114.7	6,500 *	6,200 *	5,900 *	5,600 *	220
225	23.6	104.0	5,200 *	4,900 *	4,700 *	4,500 *	225

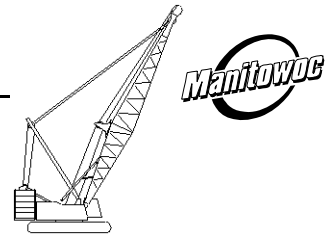


Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
250 Ft. Boom							
40	82.0	255.6	110,900 *				40
42	81.5	255.3	110,500 *				42
44	81.0	255.0	110,100 *	73,800 *			44
46	80.6	254.7	109,800 *	73,600 *			46
48	80.1	254.3	109,400 *	73,400 *			48
50	79.6	254.0	109,000 *	73,300 *	52,700 *		50
55	78.5	253.0	106,300 *	72,800 *	52,500 *	39,300 *	55
60	77.3	251.9	102,500 *	72,300 *	52,200 *	39,100 *	60
65	76.1	250.8	92,400	71,800 *	51,900 *	39,000 *	65
70	74.9	249.5	83,100	71,400 *	51,700 *	38,800 *	70
75	73.7	248.1	75,100	68,600	51,400 *	38,600 *	75
80	72.5	246.6	68,300	62,700	51,100 *	38,500 *	80
85	71.3	244.9	62,400	57,500	50,900 *	38,300 *	85
90	70.1	243.2	57,300	52,900	49,000	38,100 *	90
95	68.9	241.3	52,700	48,900	45,300	38,000 *	95
100	67.7	239.3	48,700	45,200	42,100	37,800 *	100
105	66.4	237.2	45,100	42,000	39,100	36,400	105
110	65.2	235.0	41,800	39,000	36,400	34,000	110
115	63.9	232.6	38,900	36,300	33,900	31,700	115
120	62.6	230.0	36,200	33,800	31,700	29,600	120
125	61.3	227.4	33,700	31,600	29,600	27,700	125
130	60.0	224.6	31,500	29,500	27,700	26,000	130
135	58.7	221.6	29,400	27,600	25,900	24,300	135
140	57.3	218.5	27,500	25,800	24,300	22,800	140
145	55.9	215.2	25,700	24,200	22,700	21,400	145
150	54.5	211.7	24,100	22,700	21,300	20,000	150
155	53.1	208.1	22,500	21,200	20,000	18,800	155
160	51.7	204.2	21,100	19,900	18,700	17,600	160
165	50.2	200.2	19,800	18,600	17,600	16,500	165
170	48.7	195.9	18,500	17,500	16,500	15,500	170
175	47.2	191.4	17,300	16,300	15,400	14,500	175
180	45.6	186.6	16,200	15,300	14,400	13,600	180
185	43.9	181.6	15,200	14,300	13,500	12,700	185
190	42.3	176.2	14,200	13,400	12,600	11,900	190
195	40.5	170.5	13,200	12,500	11,800	11,100	195
200	38.7	164.5	11,900 *	11,300 *	10,800 *	10,300 *	200
205	36.9	158.1	10,500 *	10,000 *	9,600 *	9,100 *	205
210	34.9	151.2	9,200 *	8,800 *	8,400 *	8,000 *	210
215	32.9	143.7	8,000 *	7,600 *	7,200 *	6,800 *	215
220	30.7	135.6	6,800 *	6,400 *	6,100 *	5,700 *	220
225	28.4	126.8	5,600 *	5,200 *	4,900 *	4,700 *	225
230	25.8	117.0	4,400 *	4,100 *			230



Liftcrane Boom Capacities

Boom No. 22E With Open Throat Top
219,600 Lb. Crane Counterweight
80,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

999 SERIES 3

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
260 Ft. Boom			
42	81.8	265.4	101,000 *
44	81.4	265.1	100,600 *
46	80.9	264.8	100,200 *
48	80.5	264.5	99,900 *
50	80.0	264.1	99,500 *
55	78.9	263.2	98,500 *
60	77.8	262.2	96,600 *
65	76.7	261.1	92,000
70	75.5	259.8	82,600
75	74.4	258.5	74,700
80	73.2	257.0	67,900
85	72.1	255.5	62,000
90	70.9	253.8	56,800
95	69.7	252.0	52,300
100	68.6	250.1	48,200
105	67.4	248.1	44,600
110	66.2	245.9	41,300
115	65.0	243.7	38,400
120	63.7	241.3	35,700
125	62.5	238.7	33,200
130	61.3	236.0	31,000
135	60.0	233.2	28,900
140	58.7	230.3	27,000
145	57.4	227.2	25,200
150	56.1	223.9	23,600
155	54.8	220.4	22,100
160	53.4	216.8	20,600
165	52.0	213.0	19,300
170	50.6	209.0	18,000
175	49.2	204.8	16,900
180	47.7	200.4	15,700
185	46.2	195.7	14,700
190	44.6	190.8	13,700
195	43.0	185.6	12,800
200	41.4	180.0	11,800 *
205	39.7	174.2	10,400 *
210	38.0	168.0	9,200 *
215	36.1	161.4	8,000 *
220	34.2	154.3	6,800 *
225	32.2	146.6	5,600 *
230	30.1	138.4	4,500 *