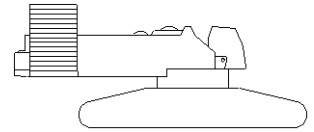


Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56
492,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives



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 (*).

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 in a level position on a firm uniformly supporting surface with machine list not to exceed degrees noted and mast up. Refer to boom rigging **No. A05377**, Wire Rope Specification chart **No. 8573-A or 8573-B**, and Counterweight Arrangement chart **No. 8577-A**. Crane operator judgment must be used to

allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation 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 **four swing drives**, 38 ft 9 in. crawlers, 60 in. treads, 30 ft live mast, 140 ft mast, 16 part boom hoist reeving, boom support straps, 492,000 lb crane counterweight and 320,000 lb carbody counterweight.

Maximum Boom Lengths Lifted Unassisted		
	Over End of Blocked Crawlers	Over Side of Crawlers
List	Boom Length	Boom Length
0 Degree	320 ft	280 ft
1 Degree	300 ft	280 ft
2 Degree	280 ft	280 ft
3 Degree	260 ft	260 ft
Load block, hook and weight ball on barge deck at start. Jib cannot be attached on crawler machine while operating on a barge.		

Upper Boom Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
35,800 lb	30,000 lb	48,800 lb
Two Part Line		
Upper Boom Point No. 170419		
60,000 lb	60,000 lb	60,000 lb
Upper Boom Point No. A08516		
71,600 lb	60,000 lb	97,600 lb
In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.		

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

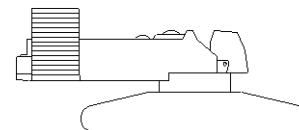
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

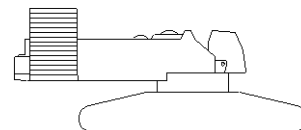
0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives



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
140.0 ft Boom							
28	82.6	149.6	1,060,100 *				28
30	81.7	149.2	990,400 *	900,200 *			30
32	80.9	148.8	928,800 *	848,200 *	778,800 *		32
34	80.1	148.4	874,100 *	801,600 *	738,700 *		34
36	79.2	148.0	825,100 *	759,500 *	702,300 *	646,900 *	36
38	78.4	147.5	780,900 *	721,400 *	665,900 *	615,200 *	38
40	77.5	147.0	741,000 *	685,400 *	632,700 *	586,200 *	40
45	75.4	145.6	651,900 *	604,100 *	561,600 *	523,700 *	45
50	73.3	144.0	577,600 *	538,800 *	503,900 *	472,300 *	50
55	71.1	142.2	517,400 *	485,200 *	456,000 *	429,300 *	55
60	68.9	140.2	467,600 *	440,400 *	415,600 *	392,700 *	60
65	66.6	137.9	425,600 *	402,500 *	381,100 *	361,300 *	65
70	64.4	135.4	389,800 *	369,800 *	351,300 *	334,000 *	70
75	62.0	132.7	358,900 *	341,500 *	325,300 *	310,100	75
80	59.6	129.7	331,900 *	315,500	299,900	285,200	80
85	57.2	126.4	304,400	289,900	276,300	263,500	85
90	54.6	122.7	280,100	267,600	255,700	244,400	90
95	52.0	118.7	258,900	247,900	237,400	227,400	95
100	49.3	114.3	240,100	230,400	221,200	212,300	100
105	46.5	109.5	223,400	214,800	206,600	198,700	105
110	43.5	104.1	208,400	200,800	193,500	186,500	110
115	40.3	98.1	194,800	188,100	181,600	175,300	115
120	36.8	91.4	182,600	176,600	170,800	165,200	120
125	33.1	83.6	171,400	166,100	161,000	156,000	125
130	28.8	74.6	161,100	156,500	151,900	147,500	130
135	23.9	63.5	151,600	147,600	143,600	139,800	135
140	17.5	48.8	142,800	139,400	136,100	132,800	140

Liftcrane Boom Capacities

18000
Boom No. 55 or No. 55A with 140 ft Mast No. 56
492,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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
160.0 ft Boom							
30	82.8	169.5	986,400 *				30
32	82.0	169.1	924,900 *				32
34	81.3	168.8	870,200 *	789,900 *			34
36	80.6	168.4	821,200 *	748,600 *	685,600 *		36
38	79.9	168.0	777,100 *	711,100 *	650,200 *	595,800 *	38
40	79.1	167.6	737,200 *	675,600 *	618,100 *	568,100 *	40
45	77.3	166.4	648,600 *	595,600 *	549,200 *	508,200 *	45
50	75.4	165.0	574,400 *	531,200 *	492,900 *	458,700 *	50
55	73.6	163.4	514,200 *	478,400 *	446,200 *	417,200 *	55
60	71.7	161.7	464,400 *	434,100 *	406,800 *	381,900 *	60
65	69.7	159.8	422,400 *	396,600 *	373,000 *	351,400 *	65
70	67.8	157.6	386,700 *	364,300 *	343,800 *	324,800 *	70
75	65.8	155.3	355,800 *	336,300 *	318,300 *	301,400 *	75
80	63.8	152.8	328,800 *	311,100	293,600	277,200	80
85	61.8	150.0	302,200	285,700	270,400	256,100	85
90	59.7	147.0	277,900	263,500	250,100	237,400	90
95	57.5	143.7	256,600	244,000	232,100	220,800	95
100	55.3	140.2	237,800	226,600	216,000	206,000	100
105	53.1	136.4	221,100	211,100	201,700	192,600	105
110	50.8	132.2	206,100	197,200	188,700	180,600	110
115	48.3	127.7	192,600	184,600	176,900	169,600	115
120	45.8	122.7	180,300	173,100	166,200	159,600	120
125	43.2	117.3	169,100	162,700	156,400	150,400	125
130	40.4	111.4	158,900	153,100	147,400	142,000	130
135	37.4	104.8	149,500	144,300	139,200	134,200	135
140	34.3	97.4	140,800	136,100	131,500	127,000	140
145	30.8	89.0	132,800	128,600	124,400	120,400	145
150	26.8	79.2	125,300	121,500	117,800	114,200	150
155	22.2	67.2	118,300	115,000	111,700	108,500	155
160	16.2	51.3	111,700	108,900	106,100	103,300	160

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

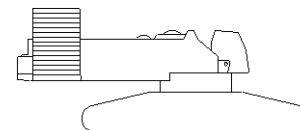
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives



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
180.0 ft Boom							
32	82.9	189.4	921,800 *				32
34	82.3	189.1	867,200 *				34
36	81.6	188.7	818,300 *	738,700 *			36
38	81.0	188.4	774,200 *	701,900 *	635,800 *		38
40	80.3	188.0	734,400 *	666,700 *	604,700 *		40
45	78.7	186.9	646,200 *	588,000 *	537,800 *	494,100 *	45
50	77.1	185.7	572,000 *	524,600 *	483,100 *	446,500 *	50
55	75.4	184.4	511,800 *	472,400 *	437,500 *	406,400 *	55
60	73.8	182.8	462,000 *	428,700 *	399,000 *	372,200 *	60
65	72.1	181.1	420,100 *	391,600 *	365,900 *	342,600 *	65
70	70.4	179.3	384,300 *	359,700 *	337,300 *	316,800 *	70
75	68.7	177.3	353,400 *	331,900 *	312,200 *	293,800 *	75
80	66.9	175.1	326,500 *	307,400 *	288,000 *	270,200 *	80
85	65.2	172.7	300,600 *	282,200 *	265,300 *	249,600 *	85
90	63.4	170.1	276,300 *	260,200 *	245,200 *	231,400 *	90
95	61.6	167.3	255,000 *	240,800 *	227,500 *	215,100 *	95
100	59.7	164.3	236,200 *	223,500 *	211,700 *	200,600 *	100
105	57.8	161.1	219,400 *	208,100 *	197,500 *	187,500 *	105
110	55.9	157.6	204,400 *	194,300 *	184,700 *	175,700 *	110
115	53.9	153.9	190,900 *	181,800 *	173,100 *	164,900 *	115
120	51.9	149.9	178,600 *	170,400 *	162,500 *	155,000 *	120
125	49.8	145.6	167,400 *	160,000 *	152,800 *	146,000 *	125
130	47.6	141.0	157,200 *	150,400 *	143,900 *	137,700 *	130
135	45.3	136.0	147,900 *	141,700 *	135,700 *	130,000 *	135
140	43.0	130.5	139,200 *	133,600 *	128,100 *	122,900 *	140
145	40.5	124.6	131,200 *	126,100 *	121,100 *	116,300 *	145
150	37.9	118.1	123,800 *	119,100 *	114,500 *	110,100 *	150
155	35.1	111.0	116,900 *	112,600 *	108,400 *	104,400 *	155
160	32.2	103.0	110,400 *	106,500 *	102,700 *	99,000 *	160
165	28.9	94.0	104,300 *	100,800 *	97,400 *	94,000 *	165
170	25.2	83.5	98,600 *	95,500 *	92,400 *	89,300 *	170
175	20.8	70.7	93,200 *	90,400 *	87,700 *	85,000 *	175
180	15.2	53.8	88,100 *	85,700 *	83,300 *	80,900 *	180

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

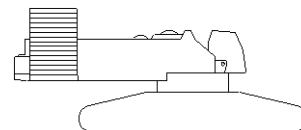
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives



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
200.0 ft Boom							
36	82.5	209.0	814,800 *				36
38	81.9	208.7	770,800 *	692,100 *			38
40	81.3	208.3	730,900 *	657,400 *			40
45	79.9	207.4	643,200 *	579,900 *	526,000 *	479,700 *	45
50	78.4	206.3	568,900 *	517,300 *	472,700 *	433,800 *	50
55	76.9	205.1	508,600 *	465,700 *	428,100 *	395,000 *	55
60	75.4	203.7	458,700 *	422,500 *	390,400 *	361,700 *	60
65	73.9	202.2	416,800 *	385,700 *	358,000 *	333,000 *	65
70	72.4	200.6	380,900 *	354,100 *	329,800 *	307,900 *	70
75	70.9	198.8	350,000 *	326,500 *	305,200 *	285,500	75
80	69.4	196.8	323,100 *	302,300 *	281,700	262,500	80
85	67.8	194.7	298,100	277,800	259,300	242,300	85
90	66.3	192.5	273,700	255,900	239,500	224,500	90
95	64.7	190.0	252,300	236,600	222,000	208,600	95
100	63.1	187.4	233,400	219,400	206,400	194,300	100
105	61.4	184.6	216,600	204,100	192,400	181,400	105
110	59.7	181.6	201,500	190,300	179,700	169,800	110
115	58.0	178.5	187,900	177,800	168,200	159,100	115
120	56.3	175.1	175,600	166,400	157,700	149,400	120
125	54.5	171.4	164,400	156,000	148,100	140,500	125
130	52.7	167.6	154,200	146,500	139,200	132,200	130
135	50.9	163.4	144,800	137,800	131,100	124,600	135
140	49.0	159.0	136,100	129,700	123,500	117,600	140
145	47.0	154.3	128,100	122,200	116,500	111,000	145
150	45.0	149.2	120,700	115,200	110,000	104,900	150
155	42.8	143.7	113,800	108,700	103,900	99,200	155
160	40.6	137.9	107,300	102,700	98,200	93,900	160
165	38.3	131.5	101,300	97,000	92,900	88,900	165
170	35.8	124.5	95,600	91,700	87,900	84,200	170
175	33.2	116.8	90,300	86,700	83,100	79,700	175
180	30.4	108.3	85,200	81,900	78,700	75,500	180
185	27.3	98.7	80,500	77,500	74,500	71,600	185
190	23.8	87.5	75,900	73,200	70,500	67,900	190
195	19.6	74.0	71,600	69,200	66,800	64,400	195

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

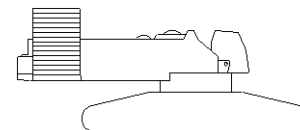
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives

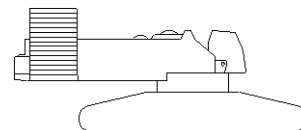


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220.0 ft Boom							
38	82.6	228.9	767,000 *				38
40	82.1	228.6	727,100 *				40
45	80.8	227.8	639,900 *	571,600 *	514,300 *		45
50	79.5	226.8	565,600 *	509,800 *	462,300 *	421,200 *	50
55	78.1	225.7	505,200 *	458,900 *	418,700 *	383,600 *	55
60	76.8	224.4	455,300 *	416,100 *	381,700 *	351,400 *	60
65	75.5	223.1	413,300 *	379,700 *	349,900 *	323,400 *	65
70	74.1	221.6	377,400 *	348,300 *	322,300 *	298,900 *	70
75	72.7	220.0	346,500 *	321,000 *	298,100 *	277,200 *	75
80	71.3	218.2	319,500 *	297,000 *	275,400 *	254,800 *	80
85	70.0	216.4	295,400 *	273,300 *	253,300 *	235,100 *	85
90	68.6	214.3	270,900 *	251,500 *	233,800 *	217,600 *	90
95	67.1	212.2	249,500 *	232,300 *	216,500 *	202,000 *	95
100	65.7	209.9	230,500 *	215,200 *	201,100 *	188,000 *	100
105	64.2	207.4	213,600 *	199,900 *	187,200 *	175,300 *	105
110	62.8	204.8	198,500 *	186,100 *	174,600 *	163,900 *	110
115	61.3	201.9	184,900 *	173,700 *	163,200 *	153,400 *	115
120	59.8	199.0	172,500 *	162,400 *	152,800 *	143,800 *	120
125	58.2	195.8	161,300 *	152,000 *	143,300 *	135,000 *	125
130	56.7	192.5	151,000 *	142,500 *	134,500 *	126,900 *	130
135	55.1	188.9	141,600 *	133,800 *	126,400 *	119,400 *	135
140	53.4	185.1	132,900 *	125,700 *	118,900 *	112,400 *	140
145	51.8	181.1	124,900 *	118,200 *	111,900 *	105,900 *	145
150	50.1	176.9	117,400 *	111,300 *	105,400 *	99,800 *	150
155	48.3	172.4	110,500 *	104,800 *	99,400 *	94,200 *	155
160	46.5	167.6	104,000 *	98,800 *	93,700 *	88,900 *	160
165	44.6	162.4	98,000 *	93,100 *	88,400 *	83,900 *	165
170	42.7	157.0	92,300 *	87,800 *	83,400 *	79,200 *	170
175	40.7	151.1	87,000 *	82,800 *	78,700 *	74,800 *	175
180	38.6	144.8	82,000 *	78,100 *	74,300 *	70,600 *	180
185	36.4	137.9	77,200 *	73,600 *	70,100 *	66,700 *	185
190	34.1	130.5	72,700 *	69,400 *	66,100 *	62,900 *	190
195	31.6	122.4	68,500 *	65,400 *	62,400 *	59,400 *	195
200	28.9	113.3	64,500 *	61,600 *	58,800 *	56,100 *	200
205	25.9	103.1	60,500 *	58,000 *	55,400 *	52,900 *	205
210	22.6	91.4	56,100 *	54,500 *	52,200 *	49,900 *	210
215	18.7	77.1	51,800 *	50,400 *	49,100 *	47,000 *	215

Liftcrane Boom Capacities

18000

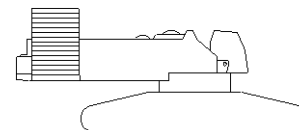
Boom No. 55 or No. 55A with 140 ft Mast No. 56
492,000 lb Crane Counterweight
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Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives



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
240.0 ft Boom							
40	82.8	248.9	724,900 *				40
45	81.6	248.1	638,100 *	564,900 *			45
50	80.4	247.2	563,700 *	504,000 *	453,600 *		50
55	79.1	246.1	503,400 *	453,600 *	411,000 *	374,200 *	55
60	77.9	245.0	453,400 *	411,300 *	374,800 *	342,900 *	60
65	76.7	243.8	411,400 *	375,300 *	343,700 *	315,700 *	65
70	75.5	242.4	375,500 *	344,200 *	316,500 *	291,900 *	70
75	74.2	241.0	344,600 *	317,200 *	292,700 *	270,700 *	75
80	73.0	239.4	317,600 *	293,400 *	270,700 *	248,800 *	80
85	71.7	237.7	293,800 *	270,300 *	248,900 *	229,600 *	85
90	70.4	235.9	269,700 *	248,700 *	229,700 *	212,500 *	90
95	69.1	233.9	248,200 *	229,600 *	212,700 *	197,200 *	95
100	67.9	231.8	229,200 *	212,600 *	197,400 *	183,500 *	100
105	66.5	229.6	212,300 *	197,400 *	183,700 *	171,000 *	105
110	65.2	227.2	197,100 *	183,700 *	171,300 *	159,700 *	110
115	63.9	224.7	183,500 *	171,300 *	160,000 *	149,400 *	115
120	62.5	222.1	171,100 *	160,000 *	149,700 *	140,000 *	120
125	61.2	219.3	159,800 *	149,700 *	140,200 *	131,300 *	125
130	59.8	216.3	149,500 *	140,300 *	131,500 *	123,300 *	130
135	58.4	213.2	140,100 *	131,500 *	123,500 *	115,900 *	135
140	56.9	209.9	131,400 *	123,500 *	116,100 *	109,000 *	140
145	55.5	206.4	123,300 *	116,100 *	109,200 *	102,600 *	145
150	54.0	202.7	115,900 *	109,100 *	102,700 *	96,600 *	150
155	52.5	198.8	108,900 *	102,700 *	96,700 *	91,000 *	155
160	51.0	194.7	102,500 *	96,600 *	91,100 *	85,800 *	160
165	49.4	190.3	96,400 *	91,000 *	85,800 *	80,800 *	165
170	47.7	185.7	90,700 *	85,700 *	80,800 *	76,200 *	170
175	46.1	180.8	85,400 *	80,700 *	76,200 *	71,800 *	175
180	44.4	175.7	80,400 *	76,000 *	71,800 *	67,700 *	180
185	42.6	170.2	75,700 *	71,600 *	67,600 *	63,700 *	185
190	40.8	164.3	71,200 *	67,400 *	63,600 *	60,000 *	190
195	38.8	158.1	67,000 *	63,400 *	59,900 *	56,500 *	195
200	36.8	151.4	62,900 *	59,600 *	56,300 *	53,200 *	200
205	34.7	144.1	59,100 *	56,000 *	53,000 *	50,000 *	205
210	32.5	136.3	54,800 *	52,600 *	49,700 *	46,900 *	210
215	30.1	127.7	50,700 *	48,700 *	46,700 *	44,100 *	215
220	27.6	118.1	46,700 *	44,900 *	43,200 *	41,300 *	220
225	24.8	107.4	42,900 *	41,300 *	39,700 *	38,200 *	225
230	21.6	95.0	39,200 *	37,700 *	36,400 *	35,000 *	230
235	17.8	80.1	35,500 *	34,300 *	33,100 *	32,000 *	235

Liftcrane Boom Capacities

18000

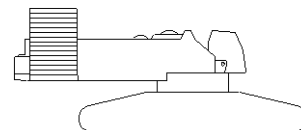
Boom No. 55 or No. 55A with 140 ft Mast No. 56
492,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
260.0 ft Boom							
45	82.2	268.3	634,600 *				45
50	81.1	267.5	560,100 *	496,300 *			50
55	80.0	266.6	499,700 *	446,600 *	401,700 *	333,600 *	55
60	78.9	265.5	449,700 *	404,800 *	366,200 *	332,800 *	60
65	77.7	264.4	407,600 *	369,100 *	335,600 *	306,300 *	65
70	76.6	263.1	371,700 *	338,300 *	309,000 *	283,100 *	70
75	75.5	261.8	340,800 *	311,500 *	285,600 *	262,500 *	75
80	74.3	260.4	313,700 *	287,900 *	264,200	241,200	80
85	73.2	258.8	290,000 *	265,600	242,800	222,400	85
90	72.0	257.1	266,800	244,100	223,900	205,600	90
95	70.8	255.3	245,200	225,100	207,000	190,700	95
100	69.7	253.4	226,100	208,200	192,000	177,200	100
105	68.5	251.4	209,100	193,100	178,400	165,000	105
110	67.3	249.3	193,900	179,400	166,100	153,900	110
115	66.1	247.0	180,200	167,100	154,900	143,700	115
120	64.8	244.6	167,800	155,800	144,700	134,400	120
125	63.6	242.1	156,500	145,600	135,400	125,900	125
130	62.3	239.4	146,200	136,100	126,700	118,000	130
135	61.1	236.6	136,700	127,400	118,800	110,600	135
140	59.8	233.6	128,000	119,400	111,400	103,800	140
145	58.5	230.5	119,900	112,000	104,500	97,500	145
150	57.2	227.2	112,400	105,100	98,100	91,600	150
155	55.9	223.8	105,500	98,600	92,200	86,000	155
160	54.5	220.2	99,000	92,600	86,600	80,800	160
165	53.1	216.4	92,900	87,000	81,300	75,900	165
170	51.7	212.4	87,200	81,700	76,400	71,300	170
175	50.3	208.1	81,900	76,700	71,700	67,000	175
180	48.8	203.7	76,900	72,000	67,400	62,900	180
185	47.3	199.0	72,100	67,600	63,200	59,000	185
190	45.7	194.1	67,700	63,400	59,300	55,300	190
195	44.1	188.9	63,400	59,400	55,500	51,800	195
200	42.5	183.4	59,200 *	55,700	52,000	48,500	200
205	40.8	177.6	54,700 *	51,900 *	48,600	45,300	205
210	39.0	171.4	50,500 *	47,800 *	45,200 *	42,000 *	210
215	37.2	164.7	46,400 *	43,900 *	41,500 *	38,600 *	215
220	35.3	157.6	42,500 *	40,200 *	38,000 *	35,400 *	220
225	33.3	150.0	38,700 *	36,600 *	34,600 *	32,400 *	225
230	31.2	141.7	35,100 *	33,200 *	31,300 *	29,500 *	230
235	28.9	132.7	31,700 *	29,900 *	28,200 *	26,500 *	235
240	26.4	122.7	28,300 *	26,700 *	25,100 *	23,600 *	240
245	23.7	111.5	25,000 *	23,600 *	22,200 *	20,800 *	245
250	20.7	98.5	21,800 *	20,500 *	19,300 *	18,100 *	250
255	17.1	82.9	18,700 *	17,600 *	16,500 *	15,500 *	255

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56
 492,000 lb Crane Counterweight
 320,000 lb Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



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
280.0 ft Boom						
45	82.8	288.5	632,300 *			45
50	81.8	287.8	557,800 *	490,100 *		50
55	80.7	286.9	497,400 *	441,000 *	361,500 *	55
60	79.7	286.0	447,400 *	399,600 *	359,100 *	60
65	78.6	284.9	405,300 *	364,300 *	329,100 *	65
70	77.6	283.8	369,400 *	333,800 *	302,900 *	70
75	76.5	282.5	338,400 *	307,200 *	279,900 *	75
80	75.5	281.2	311,400 *	283,800 *	259,200	80
85	74.4	279.7	287,600 *	262,200	238,100	85
90	73.3	278.2	265,100	240,900	219,400	90
95	72.3	276.5	243,400	222,000	202,800	95
100	71.2	274.8	224,300	205,200	187,900	100
105	70.1	272.9	207,300	190,100	174,500	105
110	69.0	271.0	192,100	176,500	162,400	110
115	67.9	268.9	178,300	164,200	151,300	115
120	66.8	266.7	165,900	153,000	141,200	120
125	65.6	264.4	154,600	142,800	131,900	125
130	64.5	262.0	144,200	133,400	123,400	130
135	63.3	259.4	134,700	124,800	115,500	135
140	62.2	256.7	126,000	116,800	108,200	140
145	61.0	253.9	117,900	109,400	101,400	145
150	59.8	250.9	110,400	102,500	95,000	150
155	58.6	247.8	103,400	96,100	89,100	155
160	57.4	244.6	96,900	90,100	83,600	160
165	56.2	241.2	90,900	84,400	78,400	165
170	54.9	237.6	85,200	79,200	73,500	170
175	53.6	233.9	79,800	74,200	68,800	175
180	52.3	230.0	74,800	69,500	64,500	180
185	51.0	225.9	70,100	65,100	60,400	185
190	49.7	221.6	65,600	60,900	56,400	190
195	48.3	217.1	61,400	57,000	52,700	195
200	46.9	212.4	56,700 *	53,200 *	49,200	200
205	45.4	207.4	52,300 *	48,900 *	45,800 *	205
210	43.9	202.1	48,000 *	44,900 *	41,900 *	210
215	42.4	196.6	44,000 *	41,100 *	38,300 *	215
220	40.9	190.8	40,100 *	37,400 *	34,800 *	220
225	39.2	184.6	36,400 *	33,800 *	31,400 *	225
230	37.5	178.1	32,800 *	30,400 *	28,200 *	230
235	35.8	171.1	29,400 *	27,200 *	25,100 *	235
240	34.0	163.7	26,100 *	24,000 *	22,100 *	240
245	32.0	155.7	22,900 *	21,000 *	19,200 *	245
250	30.0	147.0	19,800 *	18,100 *	16,400 *	250
255	27.8	137.6	16,800 *	15,200 *		255

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

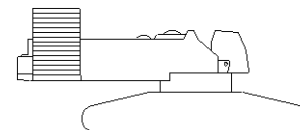
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds
300.0 ft Boom				
50	82.3	308.0	554,100 *	
55	81.3	307.2	493,600 *	426,600 *
60	80.4	306.3	443,500 *	393,000 *
65	79.4	305.3	401,400 *	358,000 *
70	78.4	304.3	365,500 *	327,800 *
75	77.4	303.1	334,500 *	301,400 *
80	76.5	301.9	307,400 *	278,200 *
85	75.5	300.5	283,600 *	257,400
90	74.5	299.1	261,900	236,200
95	73.5	297.6	240,200	217,400
100	72.5	296.0	221,100	200,700
105	71.5	294.2	204,000	185,700
110	70.5	292.4	188,700	172,200
115	69.4	290.5	175,000	159,900
120	68.4	288.5	162,500	148,800
125	67.4	286.4	151,100	138,600
130	66.3	284.1	140,800	129,200
135	65.3	281.8	131,200	120,600
140	64.2	279.3	122,500	112,600
145	63.1	276.7	114,400	105,200
150	62.0	274.0	106,800	98,400
155	60.9	271.2	99,900	91,900
160	59.8	268.3	93,300	86,000
165	58.7	265.2	87,300	80,400
170	57.6	262.0	81,600	75,100
175	56.4	258.6	76,200	70,100
180	55.3	255.1	71,200	65,500
185	54.1	251.4	66,400	61,100
190	52.9	247.6	61,600 *	56,900
195	51.6	243.6	56,600 *	52,400 *
200	50.4	239.4	52,000 *	48,000 *
205	49.1	235.0	47,500 *	43,800 *
210	47.8	230.4	43,200 *	39,700 *
215	46.5	225.7	39,200 *	35,900 *
220	45.2	220.6	35,300 *	32,200 *
225	43.8	215.4	31,600 *	28,700 *
230	42.4	209.9	28,100 *	25,300 *
235	40.9	204.0	24,600 *	22,100 *
240	39.4	197.9	21,400 *	19,000 *
245	37.8	191.4	18,200 *	16,000 *
250	36.2	184.6	15,200 *	

Liftcrane Boom Capacities

18000

Boom No. 55 or No. 55A with 140 ft Mast No. 56

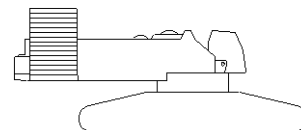
492,000 lb Crane Counterweight

320,000 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
320.0 ft Boom			
50	82.8	328.2	554,400 *
55	81.9	327.5	493,900 *
60	81.0	326.6	443,900 *
65	80.1	325.7	401,700 *
70	79.2	324.7	365,800 *
75	78.2	323.6	334,800 *
80	77.3	322.5	307,700 *
85	76.4	321.2	283,900 *
90	75.5	319.9	262,800
95	74.5	318.5	241,100
100	73.6	317.0	221,900
105	72.7	315.4	204,800
110	71.7	313.7	189,500
115	70.8	311.9	175,700
120	69.8	310.0	163,200
125	68.9	308.0	151,900
130	67.9	306.0	141,500
135	66.9	303.8	132,000
140	65.9	301.5	123,200
145	64.9	299.1	115,100
150	63.9	296.7	107,500
155	62.9	294.1	100,600
160	61.9	291.4	94,000
165	60.9	288.5	87,900
170	59.8	285.6	82,200
175	58.8	282.5	76,900
180	57.7	279.3	71,900
185	56.7	276.0	67,100
190	55.6	272.5	62,600
195	54.5	268.9	57,700 *
200	53.3	265.1	53,100 *
205	52.2	261.2	48,600 *
210	51.0	257.1	44,400 *
215	49.9	252.9	40,300 *
220	48.7	248.4	36,400 *
225	47.5	243.8	32,700 *
230	46.2	239.0	29,200 *
235	44.9	233.9	25,800 *
240	43.6	228.6	22,500 *
245	42.3	223.1	19,400 *
250	40.9	217.3	16,400 *