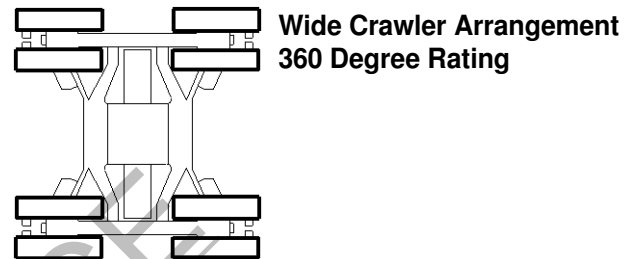
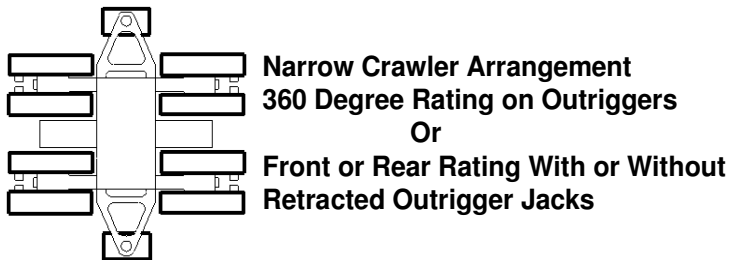
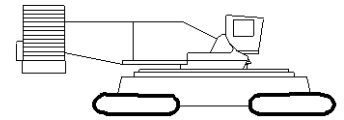


Liftcrane Boom Capacities

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static 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 (*). **360 degree operation requires set outrigger jacks for narrow crawler arrangement.**

Upper boom point capacity for liftcrane service with single part whip line is 48,800 Lbs. or 97,600 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Minimum boom operating angle is 36 degrees when drum 2 lead line is reeved over upper sheave in boom top wire rope guide.

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

General: Machine to operate on a firm uniformly supporting surface with gantry and mast up, and list not to exceed degrees noted. Refer to boom rigging **No. 192590** and Wire Rope Specification chart **No. 8139-B**. 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.

Narrow Crawler Arrangement: Narrow crawler arrangement (30 Ft. 0 in.) requires outriggers with jacks set for 360 degree operation (no travel). Refer to operators manual for jacking instructions. Operation restricted to limited swing over front or rear with outrigger jacks retracted or outriggers removed. Refer to Operating Range Diagram chart **No. 8141-A**.

Wide Crawler Arrangement: Operation with wide crawler arrangement (47 Ft. 6 in.) is 360 degrees.

Operating Radius: Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block.

Boom Angle: Boom angle in degrees (°) 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

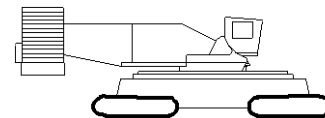
MACHINE EQUIPMENT: Machine equipped with **four swing drives**, lowerworks carbody beams, outriggers, eight 16 Ft. 4 in. crawlers, 48 in. treads, 100 Ft. mast, 28 Ft. retractable gantry, 20 part boom hoist reeving, boom support straps, 530,700 Lb. crane counterweight, two 53,500 Lb. and two 46,500 Lb. carbody counterweights.



21000

Liftcrane Boom Capacities

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
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Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



Warning: Front carbody platform must be removed when raising or lowering boom.

WITH OR WITHOUT BOOM CATWALKS		
Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over End of Unblocked Crawlers
	Boom Length	Boom Length
0 Degree	400 Ft.	380 Ft.
1 Degree	380 Ft.	380 Ft.
2 Degree	380 Ft.	380 Ft.
3 Degree	360 Ft.	360 Ft.
Load block, hook and weight ball on barge deck at start.		

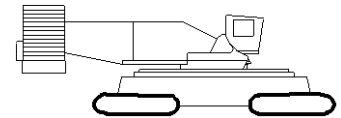
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

Machine may tip over side with outrigger jacks retracted or removed. Refer to wind folio for restrictions.

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

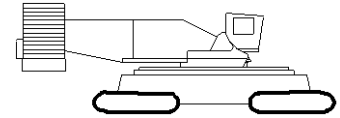


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180 Ft. Boom							
32	82.7	188.6	1,200,000 *				32
34	82.0	188.3	1,139,400 *	1,029,100 *			34
36	81.4	187.9	1,076,600 *	976,900 *			36
38	80.7	187.6	1,020,000 *	929,400 *	850,600 *		38
40	80.1	187.2	968,800 *	886,000 *	813,500 *		40
45	78.4	186.2	859,500 *	792,500 *	732,800 *	680,200 *	45
50	76.8	185.0	771,100 *	715,700 *	665,500 *	617,100 *	50
55	75.2	183.6	698,100 *	650,100 *	604,100 *	563,100 *	55
60	73.5	182.1	633,200 *	591,500 *	552,300 *	517,100 *	60
65	71.8	180.5	577,200 *	541,600 *	507,900 *	477,400 *	65
70	70.1	178.6	529,400 *	498,800 *	469,500 *	442,700 *	70
75	68.4	176.6	488,200 *	461,600 *	435,900 *	412,200 *	75
80	66.7	174.5	452,200 *	428,900 *	406,200 *	385,200 *	80
85	64.9	172.1	420,700 *	400,100 *	379,800 *	361,000 *	85
90	63.1	169.6	392,600 *	374,400 *	356,200 *	339,300 *	90
95	61.3	166.8	367,600 *	351,300 *	335,000 *	319,700 *	95
100	59.5	163.8	345,200 *	330,500 *	315,800 *	302,000 *	100
105	57.6	160.6	324,900 *	311,700 *	298,300 *	285,800 *	105
110	55.6	157.2	306,500 *	294,500 *	282,400 *	270,900 *	110
115	53.7	153.5	289,700 *	278,900 *	267,800 *	257,300 *	115
120	51.6	149.6	274,300 *	264,500 *	254,300 *	244,700 *	120
125	49.5	145.3	260,200 *	251,200 *	241,900 *	233,100 *	125
130	47.4	140.7	247,100 *	238,900 *	230,400 *	222,300 *	130
135	45.1	135.7	235,000 *	227,600 *	219,700 *	212,300 *	135
140	42.8	130.4	223,100 *	217,000 *	209,800 *	202,900 *	140
145	40.4	124.5	211,300 *	206,400 *	200,500 *	194,200 *	145
150	37.8	118.1	200,400 *	196,000 *	191,800 *	186,000 *	150
155	35.0	111.1	190,100 *	186,200 *	182,500 *	178,300 *	155
160	32.1	103.2	180,400 *	177,000 *	173,700 *	170,600 *	160
165	28.8	94.3	171,300 *	168,300 *	165,500 *	162,800 *	165

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

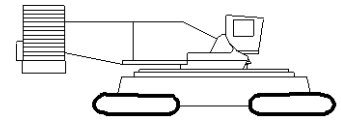


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200 Ft. Boom							
34	82.8	208.5	1,116,300 *				34
36	82.2	208.2	1,069,900 *				36
38	81.7	207.9	1,013,400 *	914,700 *			38
40	81.1	207.6	962,200 *	872,100 *			40
45	79.6	206.6	853,200 *	780,100 *	716,000 *	660,200 *	45
50	78.1	205.6	764,900 *	704,400 *	650,100 *	598,700 *	50
55	76.7	204.3	691,900 *	639,800 *	590,300 *	546,600 *	55
60	75.2	203.0	627,700 *	581,900 *	539,700 *	502,100 *	60
65	73.7	201.5	571,700 *	532,700 *	496,300 *	463,600 *	65
70	72.2	199.9	524,000 *	490,300 *	458,600 *	429,900 *	70
75	70.7	198.1	482,800 *	453,500 *	425,600 *	400,200 *	75
80	69.1	196.2	446,900 *	421,200 *	396,500 *	373,900 *	80
85	67.6	194.1	415,400 *	392,600 *	370,600 *	350,300 *	85
90	66.0	191.9	387,400 *	367,100 *	347,400 *	329,100 *	90
95	64.4	189.5	362,400 *	344,300 *	326,500 *	310,000 *	95
100	62.8	186.9	340,000 *	323,700 *	307,600 *	292,600 *	100
105	61.2	184.1	319,800 *	305,000 *	290,400 *	276,700 *	105
110	59.5	181.2	301,400 *	288,000 *	274,700 *	262,100 *	110
115	57.8	178.0	284,600 *	272,500 *	260,200 *	248,700 *	115
120	56.1	174.6	269,300 *	258,200 *	247,000 *	236,400 *	120
125	54.3	171.0	255,200 *	245,000 *	234,700 *	224,900 *	125
130	52.5	167.2	242,200 *	232,800 *	223,300 *	214,300 *	130
135	50.7	163.1	230,100 *	221,500 *	212,800 *	204,400 *	135
140	48.8	158.7	217,600 *	210,900 *	202,900 *	195,200 *	140
145	46.8	154.0	205,900 *	199,800 *	193,700 *	186,600 *	145
150	44.8	149.0	195,000 *	189,500 *	184,300 *	178,500 *	150
155	42.7	143.6	184,800 *	179,800 *	175,100 *	170,600 *	155
160	40.5	137.7	175,200 *	170,700 *	166,400 *	162,300 *	160
165	38.2	131.4	166,200 *	162,100 *	158,300 *	154,600 *	165
170	35.7	124.5	157,700 *	154,100 *	150,600 *	147,300 *	170
175	33.1	117.0	149,700 *	146,500 *	143,300 *	140,400 *	175
180	30.3	108.6	142,100 *	139,200 *	136,500 *	133,800 *	180
185	27.2	99.1	134,900 *	132,400 *	129,900 *	127,600 *	185

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

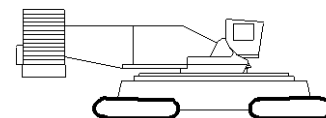


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220 Ft. Boom							
36	82.9	228.4	1,033,200 *				36
38	82.4	228.1	1,008,900 *				38
40	81.9	227.8	957,700 *	860,400 *			40
45	80.6	227.0	848,700 *	769,700 *	701,400 *		45
50	79.2	226.0	760,500 *	695,100 *	636,400 *	582,300 *	50
55	77.9	224.9	687,600 *	630,900 *	578,100 *	532,000 *	55
60	76.6	223.7	623,500 *	573,700 *	528,700 *	488,900 *	60
65	75.2	222.4	567,600 *	525,100 *	486,200 *	451,500 *	65
70	73.9	220.9	519,900 *	483,200 *	449,200 *	418,700 *	70
75	72.5	219.3	478,700 *	446,800 *	416,900 *	389,800 *	75
80	71.1	217.6	442,900 *	414,800 *	388,300 *	364,100 *	80
85	69.7	215.7	411,300 *	386,500 *	362,800 *	341,100 *	85
90	68.3	213.7	383,400 *	361,200 *	339,900 *	320,400 *	90
95	66.9	211.6	358,400 *	338,600 *	319,400 *	301,600 *	95
100	65.5	209.3	336,000 *	318,100 *	300,700 *	284,600 *	100
105	64.0	206.8	315,800 *	299,600 *	283,800 *	269,000 *	105
110	62.6	204.2	297,500 *	282,700 *	268,200 *	254,700 *	110
115	61.1	201.4	280,700 *	267,300 *	254,000 *	241,500 *	115
120	59.6	198.5	265,400 *	253,100 *	240,900 *	229,400 *	120
125	58.0	195.4	251,300 *	240,000 *	228,800 *	218,100 *	125
130	56.5	192.0	238,300 *	227,900 *	217,500 *	207,700 *	130
135	54.9	188.5	225,800 *	216,700 *	207,100 *	198,000 *	135
140	53.2	184.8	213,200 *	205,500 *	197,400 *	188,900 *	140
145	51.6	180.8	201,500 *	194,500 *	187,800 *	180,400 *	145
150	49.9	176.6	190,600 *	184,200 *	178,100 *	172,300 *	150
155	48.1	172.1	180,500 *	174,600 *	169,000 *	163,700 *	155
160	46.3	167.3	170,900 *	165,600 *	160,400 *	155,500 *	160
165	44.5	162.2	162,000 *	157,100 *	152,400 *	147,900 *	165
170	42.5	156.8	153,600 *	149,100 *	144,800 *	140,700 *	170
175	40.5	151.0	145,600 *	141,500 *	137,600 *	133,800 *	175
180	38.5	144.7	138,100 *	134,400 *	130,800 *	127,400 *	180
185	36.3	138.0	131,000 *	127,600 *	124,400 *	121,200 *	185
190	34.0	130.6	124,300 *	121,200 *	118,200 *	115,400 *	190
195	31.5	122.6	117,800 *	115,100 *	112,400 *	109,900 *	195
200	28.8	113.7	111,700 *	109,200 *	106,900 *	104,600 *	200

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

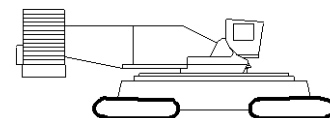


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
240 Ft. Boom							
40	82.6	248.1	948,400 *				40
45	81.4	247.3	843,700 *	758,900 *			45
50	80.2	246.4	755,400 *	685,100 *	622,800 *		50
55	78.9	245.4	682,500 *	621,900 *	565,800 *	517,300 *	55
60	77.7	244.3	619,000 *	565,300 *	517,400 *	475,400 *	60
65	76.5	243.1	562,900 *	517,200 *	475,700 *	439,100 *	65
70	75.2	241.7	515,200 *	475,700 *	439,400 *	407,100 *	70
75	74.0	240.3	474,000 *	439,500 *	407,600 *	378,900 *	75
80	72.8	238.7	438,100 *	407,800 *	379,400 *	353,800 *	80
85	71.5	237.0	406,600 *	379,700 *	354,300 *	331,300 *	85
90	70.2	235.2	378,600 *	354,600 *	331,800 *	311,000 *	90
95	68.9	233.3	353,600 *	332,100 *	311,500 *	292,600 *	95
100	67.7	231.2	331,200 *	311,800 *	293,100 *	275,800 *	100
105	66.3	229.0	311,000 *	293,400 *	276,300 *	260,500 *	105
110	65.0	226.7	292,600 *	276,600 *	261,000 *	246,500 *	110
115	63.7	224.2	275,900 *	261,200 *	246,900 *	233,500 *	115
120	62.3	221.5	260,500 *	247,100 *	233,900 *	221,600 *	120
125	61.0	218.8	246,400 *	234,100 *	221,900 *	210,500 *	125
130	59.6	215.8	233,400 *	222,100 *	210,800 *	200,200 *	130
135	58.2	212.7	220,000 *	210,500 *	200,400 *	190,600 *	135
140	56.8	209.4	207,400 *	198,700 *	190,500 *	181,600 *	140
145	55.3	205.9	195,700 *	187,700 *	180,200 *	173,000 *	145
150	53.8	202.3	184,800 *	177,400 *	170,500 *	163,900 *	150
155	52.3	198.4	174,600 *	167,800 *	161,400 *	155,400 *	155
160	50.8	194.3	165,100 *	158,800 *	152,900 *	147,300 *	160
165	49.2	190.0	156,100 *	150,400 *	144,900 *	139,700 *	165
170	47.6	185.4	147,700 *	142,400 *	137,400 *	132,600 *	170
175	45.9	180.6	139,800 *	134,900 *	130,200 *	125,800 *	175
180	44.2	175.5	132,300 *	127,800 *	123,500 *	119,400 *	180
185	42.5	170.0	125,200 *	121,000 *	117,100 *	113,300 *	185
190	40.6	164.2	118,500 *	114,600 *	111,000 *	107,500 *	190
195	38.7	158.0	112,100 *	108,600 *	105,200 *	102,000 *	195
200	36.7	151.4	106,000 *	102,800 *	99,700 *	96,800 *	200
205	34.6	144.2	100,200 *	97,300 *	94,400 *	91,800 *	205
210	32.4	136.4	94,700 *	92,000 *	89,400 *	87,000 *	210
215	30.1	127.9	89,400 *	86,900 *	84,600 *	82,400 *	215
220	27.5	118.5	84,300 *	82,100 *	80,000 *	78,000 *	220

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
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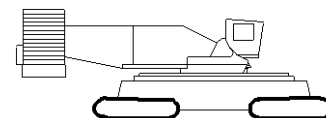


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
260 Ft. Boom							
45	82.0	267.5	840,300 *	749,700 *			45
50	80.9	266.7	752,000 *	676,900 *	611,000 *		50
55	79.8	265.8	679,100 *	614,500 *	555,300 *	504,500 *	55
60	78.7	264.8	615,900 *	558,500 *	507,800 *	463,900 *	60
65	77.5	263.7	559,900 *	510,800 *	466,900 *	428,500 *	65
70	76.4	262.4	512,100 *	469,700 *	431,300 *	397,400 *	70
75	75.3	261.1	470,900 *	433,900 *	400,000 *	369,900 *	75
80	74.1	259.7	435,000 *	402,400 *	372,300 *	345,300 *	80
85	73.0	258.1	403,400 *	374,500 *	347,600 *	323,300 *	85
90	71.8	256.5	375,400 *	349,700 *	325,400 *	303,400 *	90
95	70.6	254.7	350,500 *	327,300 *	305,400 *	285,400 *	95
100	69.5	252.8	328,000 *	307,100 *	287,200 *	268,900 *	100
105	68.3	250.8	307,800 *	288,800 *	270,600 *	253,900 *	105
110	67.1	248.7	289,400 *	272,200 *	255,500 *	240,100 *	110
115	65.9	246.4	272,700 *	256,900 *	241,600 *	227,400 *	115
120	64.6	244.0	257,300 *	242,900 *	228,700 *	215,600 *	120
125	63.4	241.5	243,200 *	229,900 *	216,800 *	204,700 *	125
130	62.2	238.9	230,000 *	217,900 *	205,800 *	194,500 *	130
135	60.9	236.1	216,400 *	205,900 *	195,600 *	185,000 *	135
140	59.6	233.1	203,800 *	194,100 *	185,100 *	176,200 *	140
145	58.3	230.0	192,100 *	183,200 *	174,800 *	166,900 *	145
150	57.0	226.8	181,200 *	172,900 *	165,200 *	157,900 *	150
155	55.7	223.4	171,000 *	163,400 *	156,200 *	149,500 *	155
160	54.3	219.8	161,400 *	154,400 *	147,800 *	141,500 *	160
165	52.9	216.0	152,500 *	146,000 *	139,800 *	134,000 *	165
170	51.5	212.0	144,100 *	138,000 *	132,300 *	126,900 *	170
175	50.1	207.8	136,100 *	130,500 *	125,200 *	120,200 *	175
180	48.6	203.4	128,600 *	123,400 *	118,500 *	113,800 *	180
185	47.1	198.8	121,600 *	116,700 *	112,200 *	107,800 *	185
190	45.6	193.9	114,800 *	110,400 *	106,100 *	102,100 *	190
195	44.0	188.7	108,500 *	104,300 *	100,400 *	96,600 *	195
200	42.4	183.2	102,400 *	98,600 *	94,900 *	91,400 *	200
205	40.7	177.5	96,700 *	93,100 *	89,700 *	86,500 *	205
210	38.9	171.3	91,200 *	87,900 *	84,700 *	81,700 *	210
215	37.1	164.7	85,900 *	82,900 *	80,000 *	77,200 *	215
220	35.2	157.7	80,900 *	78,100 *	75,400 *	72,800 *	220
225	33.2	150.1	76,100 *	73,500 *	71,000 *	68,700 *	225
230	31.1	142.0	71,400 *	69,100 *	66,900 *	64,700 *	230
235	28.9	133.0	67,000 *	64,900 *	62,800 *	60,900 *	235
240	26.4	123.2	62,700 *	60,800 *	58,900 *	57,200 *	240

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

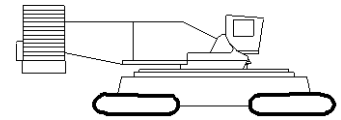


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
280 Ft. Boom							
45	82.6	287.7	835,200 *				45
50	81.6	287.0	746,900 *	667,100 *			50
55	80.5	286.1	674,000 *	605,500 *	543,200 *		55
60	79.5	285.2	611,300 *	550,100 *	496,800 *	450,900 *	60
65	78.4	284.2	555,200 *	502,900 *	456,600 *	416,500 *	65
70	77.4	283.0	507,400 *	462,200 *	421,700 *	386,200 *	70
75	76.3	281.8	466,100 *	426,700 *	390,900 *	359,300 *	75
80	75.3	280.5	430,200 *	395,400 *	363,600 *	335,300 *	80
85	74.2	279.0	398,600 *	367,700 *	339,200 *	313,700 *	85
90	73.2	277.5	370,600 *	343,000 *	317,400 *	294,200 *	90
95	72.1	275.9	345,600 *	320,800 *	297,600 *	276,500 *	95
100	71.0	274.1	323,100 *	300,800 *	279,600 *	260,400 *	100
105	69.9	272.3	302,900 *	282,600 *	263,300 *	245,600 *	105
110	68.8	270.4	284,500 *	266,000 *	248,300 *	232,000 *	110
115	67.7	268.3	267,700 *	250,800 *	234,500 *	219,500 *	115
120	66.6	266.1	252,400 *	236,800 *	221,800 *	207,900 *	120
125	65.5	263.8	238,300 *	224,000 *	210,000 *	197,100 *	125
130	64.3	261.4	224,000 *	211,400 *	199,100 *	187,100 *	130
135	63.2	258.9	210,300 *	198,800 *	188,100 *	177,800 *	135
140	62.0	256.2	197,700 *	187,100 *	177,200 *	168,000 *	140
145	60.8	253.4	186,000 *	176,200 *	167,000 *	158,400 *	145
150	59.7	250.4	175,000 *	166,000 *	157,500 *	149,500 *	150
155	58.5	247.4	164,800 *	156,400 *	148,600 *	141,200 *	155
160	57.2	244.1	155,300 *	147,500 *	140,200 *	133,300 *	160
165	56.0	240.8	146,300 *	139,100 *	132,300 *	125,900 *	165
170	54.7	237.2	137,900 *	131,200 *	124,800 *	118,800 *	170
175	53.5	233.5	130,000 *	123,700 *	117,800 *	112,200 *	175
180	52.2	229.6	122,500 *	116,600 *	111,100 *	105,900 *	180
185	50.9	225.6	115,400 *	109,900 *	104,800 *	99,900 *	185
190	49.5	221.3	108,700 *	103,600 *	98,800 *	94,200 *	190
195	48.1	216.8	102,300 *	97,600 *	93,100 *	88,800 *	195
200	46.7	212.1	96,300 *	91,900 *	87,700 *	83,700 *	200
205	45.3	207.2	90,500 *	86,400 *	82,500 *	78,700 *	205
210	43.8	202.0	85,000 *	81,200 *	77,500 *	74,000 *	210
215	42.3	196.5	79,800 *	76,200 *	72,800 *	69,500 *	215
220	40.7	190.7	74,800 *	71,500 *	68,300 *	65,200 *	220
225	39.1	184.6	70,000 *	66,900 *	63,900 *	61,100 *	225
230	37.4	178.1	65,400 *	62,500 *	59,800 *	57,100 *	230
235	35.7	171.2	61,000 *	58,300 *	55,800 *	53,300 *	235
240	33.9	163.8	56,800 *	54,300 *	51,900 *	49,700 *	240
245	32.0	155.9	52,700 *	50,400 *	48,300 *	46,200 *	245
250	29.9	147.3	48,800 *	46,700 *	44,700 *	42,800 *	250
255	27.8	137.9	45,000 *	43,100 *	41,300 *	39,500 *	255

Liftcrane Boom Capacities

21000

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

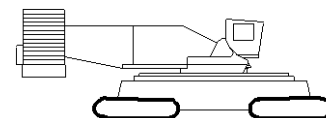


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
300 Ft. Boom							
50	82.1	307.2	744,500 *				50
55	81.2	306.4	671,600 *	599,200 *			55
60	80.2	305.5	609,300 *	544,500 *	488,500 *		60
65	79.2	304.6	553,200 *	497,700 *	449,200 *	407,400 *	65
70	78.3	303.5	505,300 *	457,300 *	414,800 *	377,800 *	70
75	77.3	302.4	464,000 *	422,100 *	384,500 *	351,500 *	75
80	76.3	301.2	428,100 *	391,100 *	357,700 *	328,100 *	80
85	75.3	299.8	396,400 *	363,700 *	333,700 *	306,900 *	85
90	74.3	298.4	368,400 *	339,100 *	312,100 *	287,800 *	90
95	73.3	296.9	343,400 *	317,100 *	292,600 *	270,500 *	95
100	72.3	295.3	321,000 *	297,200 *	274,800 *	254,600 *	100
105	71.3	293.6	300,700 *	279,100 *	258,700 *	240,100 *	105
110	70.3	291.8	282,300 *	262,600 *	243,900 *	226,800 *	110
115	69.3	289.9	265,500 *	247,500 *	230,200 *	214,400 *	115
120	68.2	287.9	250,200 *	233,600 *	217,700 *	203,000 *	120
125	67.2	285.8	236,100 *	220,800 *	206,000 *	192,400 *	125
130	66.2	283.5	221,600 *	208,000 *	195,200 *	182,500 *	130
135	65.1	281.2	208,000 *	195,400 *	183,900 *	173,100 *	135
140	64.0	278.8	195,300 *	183,800 *	173,100 *	163,100 *	140
145	63.0	276.2	183,500 *	172,900 *	163,000 *	153,700 *	145
150	61.9	273.5	172,600 *	162,700 *	153,500 *	144,900 *	150
155	60.8	270.7	162,400 *	153,200 *	144,600 *	136,600 *	155
160	59.7	267.8	152,800 *	144,300 *	136,300 *	128,800 *	160
165	58.6	264.7	143,800 *	135,900 *	128,400 *	121,500 *	165
170	57.4	261.5	135,400 *	128,000 *	121,000 *	114,500 *	170
175	56.3	258.2	127,400 *	120,500 *	114,000 *	107,900 *	175
180	55.1	254.7	119,900 *	113,500 *	107,400 *	101,700 *	180
185	53.9	251.0	112,900 *	106,800 *	101,100 *	95,700 *	185
190	52.7	247.2	106,100 *	100,500 *	95,200 *	90,100 *	190
195	51.5	243.2	99,800 *	94,500 *	89,500 *	84,700 *	195
200	50.3	239.1	93,700 *	88,800 *	84,100 *	79,600 *	200
205	49.0	234.7	88,000 *	83,300 *	78,900 *	74,800 *	205
210	47.7	230.2	82,500 *	78,200 *	74,000 *	70,100 *	210
215	46.4	225.4	77,300 *	73,200 *	69,300 *	65,600 *	215
220	45.0	220.4	72,300 *	68,500 *	64,800 *	61,400 *	220
225	43.7	215.2	67,500 *	63,900 *	60,500 *	57,300 *	225
230	42.2	209.7	62,900 *	59,600 *	56,400 *	53,300 *	230
235	40.8	203.9	58,600 *	55,400 *	52,400 *	49,600 *	235
240	39.3	197.8	54,400 *	51,400 *	48,600 *	45,900 *	240
245	37.7	191.4	50,300 *	47,600 *	44,900 *	42,400 *	245
250	36.1	184.6	46,400 *	43,900 *	41,400 *	39,100 *	250
255	34.4	177.4	42,700 *	40,300 *	38,000 *		255
260	32.7	169.6	39,100 *				260

Liftcrane Boom Capacities

21000

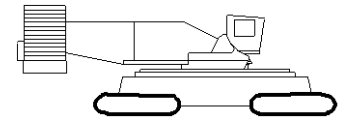
Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



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
320 Ft. Boom							
50	82.6	327.4	743,600 *				50
55	81.7	326.7	670,600 *	594,500 *			55
60	80.8	325.9	608,800 *	540,300 *	481,900 *		60
65	79.9	325.0	552,600 *	494,000 *	443,300 *	399,900 *	65
70	79.0	324.0	504,700 *	454,000 *	409,500 *	371,100 *	70
75	78.1	322.9	463,400 *	419,100 *	379,700 *	345,400 *	75
80	77.2	321.8	427,400 *	388,400 *	353,300 *	322,500 *	80
85	76.2	320.5	395,800 *	361,100 *	329,600 *	301,800 *	85
90	75.3	319.2	367,700 *	336,700 *	308,400 *	283,100 *	90
95	74.4	317.8	342,700 *	314,800 *	289,100 *	266,100 *	95
100	73.5	316.3	320,300 *	295,100 *	271,600 *	250,500 *	100
105	72.5	314.7	300,000 *	277,100 *	255,600 *	236,200 *	105
110	71.6	313.0	281,600 *	260,700 *	241,000 *	223,100 *	110
115	70.6	311.3	264,800 *	245,700 *	227,500 *	211,000 *	115
120	69.7	309.4	249,500 *	231,900 *	215,100 *	199,700 *	120
125	68.7	307.4	235,300 *	219,100 *	203,600 *	189,300 *	125
130	67.7	305.4	221,200 *	206,600 *	192,900 *	179,600 *	130
135	66.8	303.2	207,500 *	194,000 *	181,600 *	170,200 *	135
140	65.8	301.0	194,800 *	182,400 *	170,900 *	160,300 *	140
145	64.8	298.6	183,000 *	171,500 *	160,900 *	151,000 *	145
150	63.8	296.1	172,100 *	161,400 *	151,500 *	142,300 *	150
155	62.8	293.5	161,800 *	151,900 *	142,700 *	134,100 *	155
160	61.8	290.8	152,300 *	143,000 *	134,400 *	126,400 *	160
165	60.7	288.0	143,300 *	134,700 *	126,600 *	119,100 *	165
170	59.7	285.1	134,800 *	126,800 *	119,300 *	112,200 *	170
175	58.6	282.0	126,900 *	119,400 *	112,300 *	105,700 *	175
180	57.6	278.9	119,400 *	112,400 *	105,800 *	99,500 *	180
185	56.5	275.5	112,300 *	105,700 *	99,500 *	93,700 *	185
190	55.4	272.1	105,600 *	99,400 *	93,600 *	88,100 *	190
195	54.3	268.5	99,200 *	93,400 *	88,000 *	82,800 *	195
200	53.2	264.8	93,200 *	87,700 *	82,600 *	77,700 *	200
205	52.1	260.9	87,500 *	82,300 *	77,500 *	72,900 *	205
210	50.9	256.8	82,000 *	77,200 *	72,600 *	68,200 *	210
215	49.7	252.6	76,800 *	72,200 *	67,900 *	63,800 *	215
220	48.5	248.1	71,800 *	67,500 *	63,400 *	59,600 *	220
225	47.3	243.5	67,000 *	63,000 *	59,200 *	55,500 *	225
230	46.1	238.7	62,500 *	58,700 *	55,100 *	51,600 *	230
235	44.8	233.7	58,100 *	54,500 *	51,100 *	47,900 *	235
240	43.5	228.4	53,900 *	50,500 *	47,300 *	44,300 *	240
245	42.2	222.9	49,900 *	46,700 *	43,700 *	40,800 *	245
250	40.8	217.2	46,000 *	43,000 *	40,200 *	37,500 *	250
255	39.4	211.1	42,300 *	39,500 *			255
260	38.0	204.7	38,700 *				260

Liftcrane Boom Capacities

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

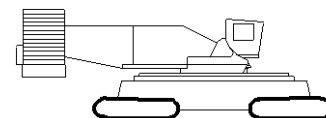


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
340 Ft. Boom							
55	82.2	346.9	667,500 *				55
60	81.4	346.1	606,100 *	534,000 *			60
65	80.5	345.3	549,900 *	488,100 *	435,200 *		65
70	79.7	344.4	501,900 *	448,500 *	402,000 *	357,000 *	70
75	78.8	343.4	460,600 *	413,900 *	372,700 *	337,200 *	75
80	77.9	342.3	424,500 *	383,400 *	346,700 *	314,700 *	80
85	77.1	341.1	392,900 *	356,300 *	323,400 *	294,500 *	85
90	76.2	339.9	364,800 *	332,100 *	302,400 *	276,100 *	90
95	75.3	338.6	339,800 *	310,300 *	283,400 *	259,400 *	95
100	74.5	337.2	317,300 *	290,600 *	266,100 *	244,100 *	100
105	73.6	335.7	297,000 *	272,800 *	250,300 *	230,100 *	105
110	72.7	334.1	278,600 *	256,500 *	235,800 *	217,100 *	110
115	71.8	332.5	261,800 *	241,500 *	222,500 *	205,200 *	115
120	70.9	330.7	246,400 *	227,800 *	210,200 *	194,100 *	120
125	70.0	328.9	232,300 *	215,100 *	198,800 *	183,800 *	125
130	69.1	327.0	217,700 *	202,000 *	187,700 *	174,200 *	130
135	68.2	325.0	203,900 *	189,500 *	176,200 *	164,100 *	135
140	67.3	322.9	191,200 *	177,900 *	165,600 *	154,300 *	140
145	66.4	320.6	179,400 *	167,000 *	155,600 *	145,100 *	145
150	65.4	318.4	168,400 *	156,900 *	146,300 *	136,500 *	150
155	64.5	316.0	158,100 *	147,500 *	137,600 *	128,400 *	155
160	63.6	313.5	148,500 *	138,600 *	129,300 *	120,700 *	160
165	62.6	310.9	139,500 *	130,200 *	121,600 *	113,500 *	165
170	61.7	308.2	131,100 *	122,400 *	114,300 *	106,700 *	170
175	60.7	305.4	123,100 *	115,000 *	107,400 *	100,200 *	175
180	59.7	302.4	115,600 *	108,000 *	100,800 *	94,100 *	180
185	58.7	299.4	108,500 *	101,300 *	94,600 *	88,300 *	185
190	57.7	296.2	101,800 *	95,000 *	88,700 *	82,800 *	190
195	56.7	292.9	95,400 *	89,100 *	83,100 *	77,500 *	195
200	55.7	289.5	89,300 *	83,400 *	77,800 *	72,500 *	200
205	54.7	286.0	83,600 *	78,000 *	72,700 *	67,700 *	205
210	53.6	282.3	78,100 *	72,800 *	67,800 *	63,100 *	210
215	52.6	278.4	72,900 *	67,900 *	63,200 *	58,700 *	215
220	51.5	274.5	67,900 *	63,200 *	58,700 *	54,500 *	220
225	50.4	270.3	63,100 *	58,700 *	54,500 *	50,400 *	225
230	49.3	266.0	58,600 *	54,400 *	50,400 *	46,600 *	230
235	48.1	261.5	54,200 *	50,200 *	46,400 *	42,900 *	235
240	47.0	256.9	50,000 *	46,300 *	42,700 *	39,300 *	240
245	45.8	252.0	46,000 *	42,400 *	39,100 *		245
250	44.6	246.9	42,100 *	38,800 *			250
255	43.4	241.7	38,400 *				255

Liftcrane Boom Capacities

21000

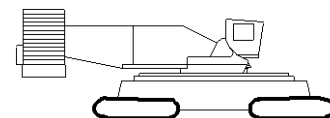
Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives



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
360 Ft. Boom							
55	82.7	367.1	666,200 *				55
60	81.9	366.4	604,900 *	529,500 *			60
65	81.0	365.6	548,900 *	484,100 *	429,100 *		65
70	80.2	364.7	500,900 *	444,800 *	396,500 *		70
75	79.4	363.8	459,500 *	410,500 *	367,700 *	304,600 *	75
80	78.6	362.8	423,500 *	380,200 *	342,000 *	304,600 *	80
85	77.8	361.7	391,800 *	353,300 *	319,000 *	289,100 *	85
90	77.0	360.5	363,700 *	329,300 *	298,300 *	271,100 *	90
95	76.2	359.2	338,700 *	307,700 *	279,600 *	254,700 *	95
100	75.3	357.9	316,200 *	288,100 *	262,500 *	239,700 *	100
105	74.5	356.5	295,900 *	270,400 *	246,900 *	225,900 *	105
110	73.7	355.1	277,400 *	254,200 *	232,600 *	213,200 *	110
115	72.9	353.5	260,600 *	239,300 *	219,400 *	201,400 *	115
120	72.0	351.9	245,300 *	225,600 *	207,200 *	190,500 *	120
125	71.2	350.2	231,100 *	213,000 *	195,900 *	180,400 *	125
130	70.3	348.4	216,600 *	199,900 *	184,700 *	170,900 *	130
135	69.5	346.5	202,800 *	187,400 *	173,400 *	160,600 *	135
140	68.6	344.5	190,100 *	175,800 *	162,800 *	150,900 *	140
145	67.8	342.5	178,300 *	165,100 *	153,000 *	141,800 *	145
150	66.9	340.3	167,300 *	155,000 *	143,700 *	133,300 *	150
155	66.0	338.1	157,000 *	145,600 *	135,000 *	125,300 *	155
160	65.1	335.8	147,400 *	136,700 *	126,900 *	117,800 *	160
165	64.3	333.3	138,400 *	128,400 *	119,200 *	110,600 *	165
170	63.4	330.8	129,900 *	120,600 *	111,900 *	103,900 *	170
175	62.5	328.2	121,900 *	113,200 *	105,100 *	97,500 *	175
180	61.6	325.5	114,400 *	106,200 *	98,600 *	91,400 *	180
185	60.7	322.7	107,300 *	99,600 *	92,400 *	85,700 *	185
190	59.7	319.7	100,600 *	93,300 *	86,500 *	80,200 *	190
195	58.8	316.7	94,200 *	87,400 *	81,000 *	75,000 *	195
200	57.9	313.6	88,100 *	81,700 *	75,700 *	70,000 *	200
205	56.9	310.3	82,400 *	76,300 *	70,600 *	65,200 *	205
210	55.9	306.9	76,900 *	71,200 *	65,800 *	60,700 *	210
215	55.0	303.4	71,700 *	66,300 *	61,100 *	56,300 *	215
220	54.0	299.8	66,700 *	61,600 *	56,700 *	52,100 *	220
225	53.0	296.0	61,900 *	57,100 *	52,500 *	48,100 *	225
230	52.0	292.1	57,400 *	52,800 *	48,400 *	44,300 *	230
235	51.0	288.0	53,000 *	48,700 *	44,500 *	40,600 *	235
240	49.9	283.8	48,800 *	44,700 *	40,800 *	37,100 *	240
245	48.9	279.4	44,800 *	40,900 *	37,200 *		245
250	47.8	274.9	40,900 *	37,200 *			250
255	46.7	270.2	37,200 *				255

Liftcrane Boom Capacities

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static Machine List
No Travel - 360 Degree Rating - Four Swing Drives

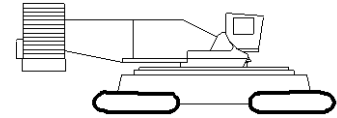


21000

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
380 Ft. Boom					
60	82.3	386.6	585,600 *		
65	81.5	385.9	546,400 *	453,900 *	
70	80.8	385.0	498,400 *	429,300 *	341,000 *
75	80.0	384.1	457,000 *	405,600 *	340,900 *
80	79.2	383.2	420,900 *	375,500 *	331,500 *
85	78.5	382.1	389,200 *	348,900 *	313,200 *
90	77.7	381.0	361,100 *	325,000 *	292,800 *
95	76.9	379.9	336,000 *	303,500 *	274,300 *
100	76.1	378.6	313,500 *	284,100 *	257,400 *
105	75.3	377.3	293,200 *	266,400 *	242,000 *
110	74.6	375.9	274,700 *	250,300 *	227,800 *
115	73.8	374.4	257,900 *	235,500 *	214,800 *
120	73.0	372.9	242,500 *	221,900 *	202,700 *
125	72.2	371.3	228,400 *	209,200 *	191,500 *
130	71.4	369.6	213,500 *	195,800 *	179,800 *
135	70.6	367.8	199,700 *	183,300 *	168,500 *
140	69.8	366.0	186,900 *	171,800 *	158,000 *
145	69.0	364.0	175,100 *	161,000 *	148,200 *
150	68.2	362.0	164,000 *	151,000 *	139,100 *
155	67.4	359.9	153,700 *	141,600 *	130,400 *
160	66.5	357.8	144,100 *	132,800 *	122,300 *
165	65.7	355.5	135,100 *	124,500 *	114,700 *
170	64.9	353.1	126,600 *	116,700 *	107,500 *
175	64.0	350.7	118,600 *	109,300 *	100,600 *
180	63.2	348.2	111,100 *	102,300 *	94,200 *
185	62.3	345.5	103,900 *	95,700 *	88,000 *
190	61.5	342.8	97,200 *	89,500 *	82,200 *
195	60.6	340.0	90,800 *	83,500 *	76,700 *
200	59.7	337.1	84,800 *	77,900 *	71,400 *
205	58.9	334.0	79,000 *	72,500 *	66,400 *
210	58.0	330.9	73,500 *	67,300 *	61,600 *
215	57.1	327.7	68,300 *	62,400 *	57,000 *
220	56.2	324.3	63,300 *	57,800 *	52,600 *
225	55.3	320.8	58,500 *	53,300 *	48,300 *
230	54.3	317.2	54,000 *	49,000 *	44,300 *
235	53.4	313.5	49,600 *	44,900 *	40,400 *
240	52.4	309.7	45,400 *	40,900 *	
245	51.5	305.7	41,400 *	37,200 *	
250	50.5	301.5	37,500 *		

Liftcrane Boom Capacities

Boom No. 80-81 with 100 Ft. Mast No. 81
530,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
Narrow or Wide Crawler Arrangement
Crawler Machine On a Barge
0 Degree thru 3 Degree Static 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
400 Ft. Boom			
60	82.7	406.8	504,800 *
65	81.9	406.1	472,800 *
70	81.2	405.3	467,600 *
75	80.5	404.5	455,600 *
80	79.8	403.5	419,500 *
85	79.0	402.6	387,800 *
90	78.3	401.5	359,700 *
95	77.6	400.4	334,600 *
100	76.8	399.2	312,000 *
105	76.1	398.0	291,700 *
110	75.4	396.7	273,300 *
115	74.6	395.3	256,400 *
120	73.9	393.8	241,000 *
125	73.1	392.3	226,800 *
130	72.4	390.7	211,800 *
135	71.6	389.0	198,000 *
140	70.9	387.3	185,200 *
145	70.1	385.5	173,400 *
150	69.3	383.6	162,300 *
155	68.6	381.6	152,000 *
160	67.8	379.5	142,400 *
165	67.0	377.4	133,300 *
170	66.2	375.2	124,900 *
175	65.4	372.9	116,900 *
180	64.6	370.5	109,300 *
185	63.8	368.1	102,200 *
190	63.0	365.5	95,500 *
195	62.2	362.9	89,100 *
200	61.4	360.1	83,000 *
205	60.6	357.3	77,200 *
210	59.8	354.4	71,800 *
215	58.9	351.4	66,500 *
220	58.1	348.2	61,500 *
225	57.2	345.0	56,800 *
230	56.4	341.7	52,200 *
235	55.5	338.2	47,800 *
240	54.6	334.7	43,700 *
245	53.7	331.0	39,700 *