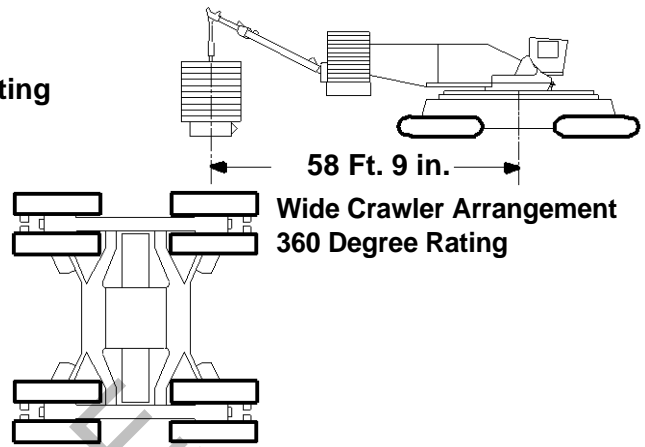
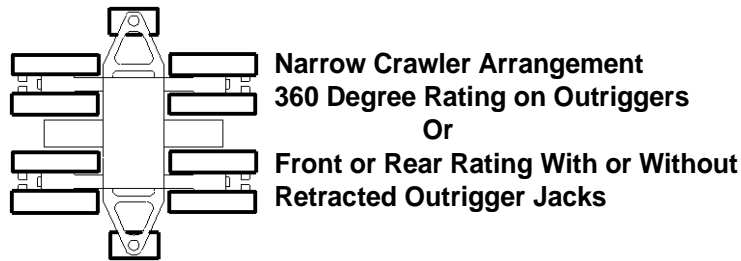


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



LIFTING CAPACITIES: 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.**

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum boom capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging counterweight.

Capacities above 1,200,000 Lbs. require tandem lower boom points. 320 Ft. thru 380 Ft. boom lengths require only the single lower boom point (15 sheaves) to be used. Second lower boom point must be removed and single lower boom point repositioned to center of boom on 320 Ft. thru 380 Ft. boom lengths.

Simultaneous hoisting of both load drums is required for even block travel.

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 in a level position on a firm uniformly supporting surface with gantry in intermediate position and mast up. Refer to boom rigging **No. 194413** and Wire Rope Specification chart **No. 8168-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, 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.

MACHINE TRAVEL

General: Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8169-A**.

Narrow Crawler Arrangement: Narrow crawler arrangement (30 Ft. 0 in.) travel allowed only with upperworks centered over front or rear of lowerworks (no swing) with outrigger jacks retracted or outriggers removed.

Wide Crawler Arrangement: Wide crawler arrangement (47 Ft. 6 in.) travel allowed with 360 degree rating.

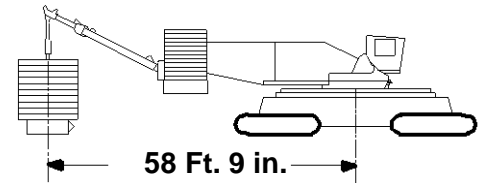


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



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 ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER, lowerworks carbody beams, outriggers, eight 16 Ft. 4 in. crawlers, 48 in. treads, 140 Ft. mast, 28 Ft. retractable gantry, 20 part boom hoist reeving, boom support straps,

458,700 Lb. crane counterweight, two 53,500 Lb. and two 46,500 Lb. carbody counterweights and hanging counterweight as specified.

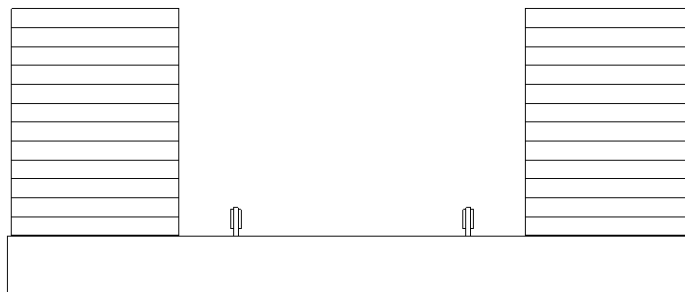
Warning: Front carbody platform must be removed when raising or lowering boom.

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.

WITH OR WITHOUT BOOM CATWALKS	
Maximum Boom Length Lifted Unassisted	
With 0 Lb. Hanging Counterweight	
Over End of Blocked Crawlers	Over End of Unblocked Crawlers
360 Ft.	340 Ft.
With 247,300 Lb. - 1,127,300 Lb. Hanging Counterweight	
Over End of Unblocked Crawlers	
380 Ft.	
Load block, hook and weight ball on ground at start.	

Warning: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Counterweight Assemblies.



458,700 Lb. Crane Counterweight
24 Side Boxes

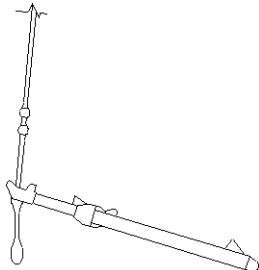
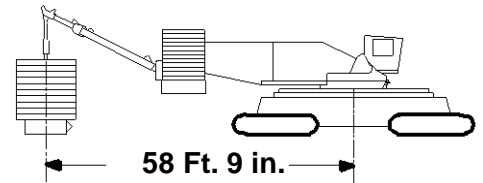


Liftcrane Boom Capacities

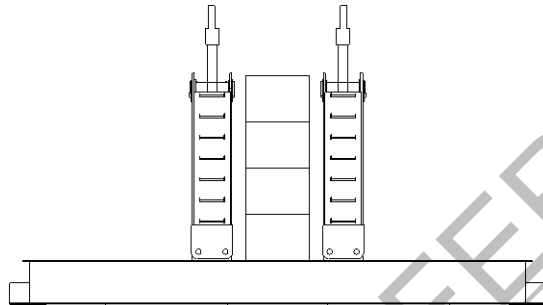
Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

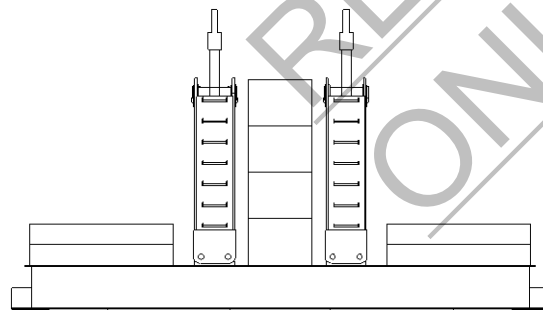
21000
MAX-ER



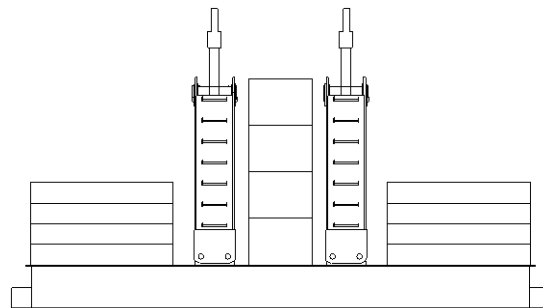
0 Lb. Hanging Counterweight



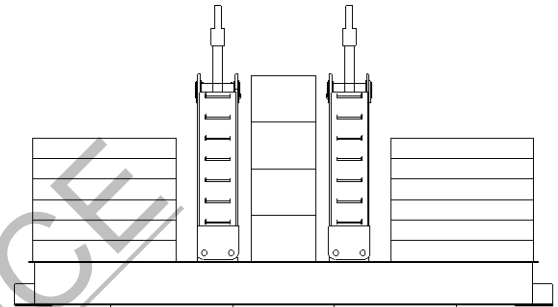
247,300 Lb. Hanging Counterweight
4 Center Boxes



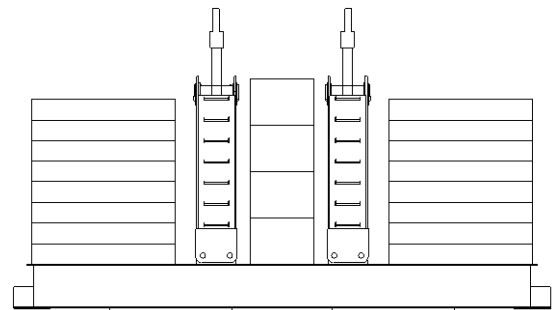
423,300 Lb. Hanging Counterweight
4 Side Boxes - 4 Center Boxes



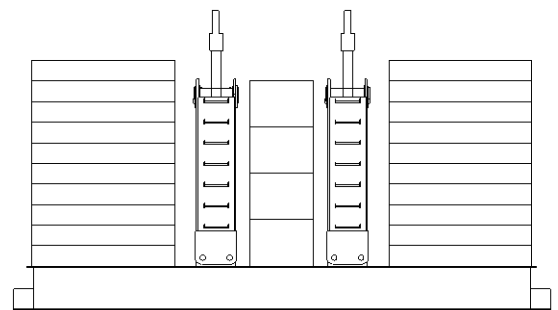
599,300 Lb. Hanging Counterweight
8 Side Boxes - 4 Center Boxes



775,300 Lb. Hanging Counterweight
12 Side Boxes - 4 Center Boxes



951,300 Lb. Hanging Counterweight
16 Side Boxes - 4 Center Boxes



1,127,300 Lb. Hanging Counterweight
20 Side Boxes - 4 Center Boxes

REFERENCE ONLY!

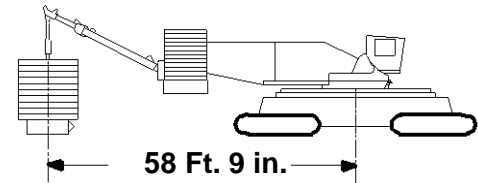


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
28	82.7	148.8	1,394,700*	1,104,500	1,738,200*	1,642,300	1,982,600*			28
30	81.9	148.4	1,304,100*	998,100	1,626,400*	1,488,200	1,855,700*			30
32	81.0	148.1	1,224,000*	908,900	1,527,500*	1,359,200	1,743,600*			32
34	80.2	147.7	1,152,700*	833,000	1,439,600*	1,249,500	1,643,700*			34
36	79.4	147.3	1,088,800*	767,800	1,360,700*	1,155,100	1,554,300*			36
38	78.5	146.8	1,031,200*	711,000	1,289,700*	1,073,000	1,473,700*			38
40	77.7	146.3	979,000*	661,200	1,225,400*	1,001,000	1,400,700*			40
45	75.6	144.9	867,900*	559,900	1,088,200*	854,300	1,245,000*	1,149,100	1,401,800*	45
50	73.4	143.4	777,900*	482,200	977,200*	742,000	1,119,100*	1,002,100	1,260,900*	50
55	71.3	141.6	703,500*	420,700	885,500*	653,200	1,015,000*	885,900	1,144,500*	55
60	69.1	139.6	636,000*	370,900	808,500*	581,200	927,600*	791,700	1,046,700*	60
65	66.8	137.4	579,100*	329,700	742,800*	521,600	853,100*	713,800	963,400*	65
70	64.5	134.9	530,600*	295,000	686,200*	471,600	788,900*	648,300	891,600*	70
75	62.2	132.2	488,700*	265,400	636,900*	428,800	732,900*	592,400	829,000*	75
80	59.8	129.2	452,200*	239,900	593,500*	391,900	683,800*	544,100	774,000*	80
85	57.4	125.9	420,100*	217,600	555,100*	359,700	640,200*	502,100	725,200*	85
90	54.9	122.3	391,700*	197,900	520,800*	331,400	601,300*	465,000	681,700*	90
95	52.3	118.4	366,200*	180,400	488,800*	306,200	566,300*	432,200	642,700*	95
100	49.5	114.0	343,400*	164,800	459,600*	283,700	534,800*	402,800	607,400*	100
105	46.7	109.3	322,800*	150,700	433,300*	263,500	506,200*	376,400	575,400*	105
110	43.7	104.0	304,000*	138,000	409,400*	245,200	480,000*	352,400	546,200*	110
115	40.6	98.1	286,900*	126,300	387,600*	228,500	456,100*	330,700	519,500*	115
120	37.2	91.4	271,200*	115,700	367,700*	213,200	434,100*	310,700	494,900*	120
125	33.5	83.9	256,700*	105,800	349,300*	199,100	413,800*	292,400	472,200*	125
130	29.3	75.0	243,400*	96,700	332,300*	186,000	395,000*	275,400	451,100*	130

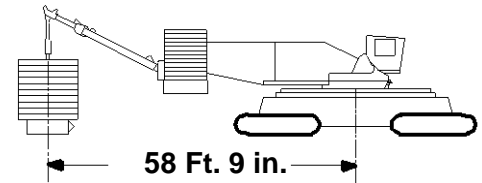


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
28	82.7	148.8					28
30	81.9	148.4					30
32	81.0	148.1					32
34	80.2	147.7					34
36	79.4	147.3					36
38	78.5	146.8					38
40	77.7	146.3					40
45	75.6	144.9					45
50	73.4	143.4					50
55	71.3	141.6					55
60	69.1	139.6					60
65	66.8	137.4	906,100	1,073,700*			65
70	64.5	134.9	825,100	994,300*			70
75	62.2	132.2	756,100	925,000*			75
80	59.8	129.2	696,500	864,200*			80
85	57.4	125.9	644,500	810,300*			85
90	54.9	122.3	598,800	762,200*			90
95	52.3	118.4	558,200	719,000*			95
100	49.5	114.0	522,000	680,000*			100
105	46.7	109.3	489,300	644,600*	602,500	713,800*	105
110	43.7	104.0	459,800	612,300*	567,400	678,500*	110
115	40.6	98.1	433,000	582,800*	535,400	646,100*	115
120	37.2	91.4	408,400	555,600*	506,200	616,400*	120
125	33.5	83.9	385,800	530,500*	479,400	579,700*	125
130	29.3	75.0	364,900	507,300*	454,500	539,900*	130

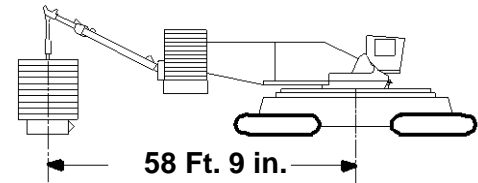


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
30	82.9	168.7	1,298,200*	1,005,300	1,620,500*	1,501,100	1,849,800*			30
32	82.2	168.4	1,218,200*	914,200	1,521,700*	1,369,400	1,737,800*			32
34	81.4	168.0	1,147,000*	836,900	1,433,800*	1,257,600	1,638,000*			34
36	80.7	167.7	1,083,100*	770,500	1,355,100*	1,161,500	1,548,600*			36
38	80.0	167.3	1,025,600*	712,800	1,284,100*	1,078,100	1,468,100*			38
40	79.3	166.8	973,500*	662,200	1,219,800*	1,004,900	1,395,100*			40
45	77.4	165.7	862,500*	559,300	1,082,800*	856,100	1,239,600*	1,153,200	1,396,400*	45
50	75.6	164.3	772,600*	480,600	971,900*	742,300	1,113,700*	1,004,300	1,255,600*	50
55	73.7	162.8	698,300*	418,500	880,300*	652,500	1,009,800*	886,700	1,139,300*	55
60	71.8	161.1	631,400*	368,200	803,300*	579,700	922,400*	791,500	1,041,600*	60
65	69.9	159.2	574,500*	326,500	737,700*	519,600	848,000*	712,900	958,300*	65
70	67.9	157.1	526,000*	291,500	681,200*	469,100	783,800*	646,800	886,500*	70
75	66.0	154.8	484,100*	261,700	631,900*	426,000	727,900*	590,400	824,000*	75
80	64.0	152.3	447,700*	236,000	588,600*	388,800	678,800*	541,900	769,000*	80
85	61.9	149.5	415,600*	213,500	550,200*	356,400	635,300*	499,500	720,300*	85
90	59.8	146.5	387,100*	193,700	516,000*	327,900	596,400*	462,200	676,900*	90
95	57.7	143.3	361,800*	176,200	484,300*	302,600	561,500*	429,200	637,900*	95
100	55.5	139.8	339,000*	160,500	455,200*	280,100	530,000*	399,700	602,700*	100
105	53.3	136.0	318,400*	146,400	428,900*	259,800	501,500*	373,200	570,700*	105
110	51.0	131.9	299,600*	133,700	405,100*	241,400	475,400*	349,300	541,600*	110
115	48.6	127.4	282,600*	122,100	383,300*	224,700	451,500*	327,500	514,900*	115
120	46.1	122.5	266,900*	111,400	363,400*	209,500	429,600*	307,600	490,400*	120
125	43.4	117.2	252,500*	101,700	345,100*	195,500	409,400*	289,400	467,700*	125
130	40.7	111.3	239,300*	92,700	328,200*	182,600	390,600*	272,600	446,800*	130
135	37.7	104.8	227,000*	84,400	312,500*	170,600	373,200*	257,000	427,400*	135
140	34.6	97.5	215,500*	76,600	298,000*	159,500	356,600*	242,600	409,300*	140
145	31.1	89.3	204,800*	69,300	284,400*	149,200	341,000*	229,100	392,300*	145
150	27.3	79.7	194,800*	62,500	271,700*	139,400	326,400*	216,500	376,500*	150

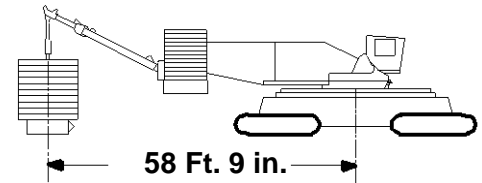


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



160 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
30	82.9	168.7					30
32	82.2	168.4					32
34	81.4	168.0					34
36	80.7	167.7					36
38	80.0	167.3					38
40	79.3	166.8					40
45	77.4	165.7					45
50	75.6	164.3					50
55	73.7	162.8					55
60	71.8	161.1					60
65	69.9	159.2	906,400	1,068,600*			65
70	67.9	157.1	824,700	989,200*			70
75	66.0	154.8	755,100	920,000*			75
80	64.0	152.3	695,000	859,200*			80
85	61.9	149.5	642,700	805,400*			85
90	59.8	146.5	596,700	757,300*			90
95	57.7	143.3	555,900	714,200*			95
100	55.5	139.8	519,500	675,300*			100
105	53.3	136.0	486,800	639,900*	600,500	709,100*	105
110	51.0	131.9	457,200	607,700*	565,300	673,800*	110
115	48.6	127.4	430,400	578,200*	533,300	641,500*	115
120	46.1	122.5	405,800	551,100*	504,200	611,800*	120
125	43.4	117.2	383,400	526,100*	477,400	584,500*	125
130	40.7	111.3	362,600	503,000*	452,800	559,100*	130
135	37.7	104.8	343,500	481,500*	430,100	535,600*	135
140	34.6	97.5	325,700	461,500*	408,900	513,700*	140
145	31.1	89.3	309,100	442,800*	389,200	488,600*	145
150	27.3	79.7	293,600	425,300*	370,800	457,200*	150

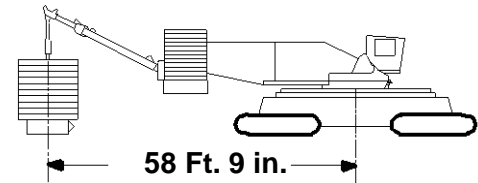


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
34	82.4	188.3	1,143,200*	841,900	1,430,100*	1,266,700	1,634,300*			34
36	81.8	188.0	1,079,400*	774,400	1,351,400*	1,169,000	1,544,900*			36
38	81.1	187.6	1,022,000*	715,700	1,280,400*	1,084,200	1,464,400*			38
40	80.5	187.3	969,900*	664,400	1,216,200*	1,009,900	1,391,500*			40
45	78.8	186.2	858,900*	560,100	1,079,200*	859,000	1,236,000*	1,158,300	1,392,800*	45
50	77.2	185.0	769,000*	480,400	968,300*	743,900	1,110,200*	1,007,600	1,252,100*	50
55	75.6	183.7	694,800*	417,600	876,800*	653,000	1,006,300*	888,700	1,135,800*	55
60	73.9	182.2	628,100*	366,700	799,800*	579,500	918,900*	792,600	1,038,100*	60
65	72.2	180.5	571,200*	324,700	734,300*	518,900	844,600*	713,200	954,900*	65
70	70.5	178.7	522,700*	289,500	677,700*	467,900	780,400*	646,600	883,100*	70
75	68.8	176.7	480,900*	259,400	628,500*	424,500	724,600*	589,800	820,600*	75
80	67.1	174.5	444,500*	233,500	585,200*	387,100	675,400*	540,800	765,700*	80
85	65.3	172.1	412,400*	210,900	546,900*	354,500	631,900*	498,200	717,000*	85
90	63.5	169.6	384,000*	191,000	512,600*	325,800	593,100*	460,700	673,600*	90
95	61.7	166.8	358,600*	173,400	481,100*	300,400	558,300*	427,500	634,600*	95
100	59.9	163.9	335,800*	157,600	452,100*	277,700	526,800*	397,900	599,400*	100
105	58.0	160.7	315,200*	143,500	425,800*	257,300	498,200*	371,300	567,500*	105
110	56.0	157.3	296,500*	130,700	402,000*	238,900	472,200*	347,200	538,300*	110
115	54.1	153.6	279,500*	119,100	380,300*	222,200	448,400*	325,400	511,700*	115
120	52.0	149.6	263,900*	108,400	360,400*	206,900	426,500*	305,500	487,200*	120
125	49.9	145.3	249,500*	98,700	342,100*	192,900	406,300*	287,200	464,600*	125
130	47.8	140.7	236,300*	89,700	325,200*	180,000	387,600*	270,500	443,700*	130
135	45.5	135.8	224,000*	81,400	309,600*	168,200	370,200*	254,900	424,300*	135
140	43.2	130.4	212,600*	73,700	295,100*	157,100	353,800*	240,600	406,300*	140
145	40.8	124.5	202,000*	66,600	281,600*	146,900	338,200*	227,200	389,500*	145
150	38.2	118.2	192,100*	59,900	269,000*	137,300	323,700*	214,800	373,700*	150
155	35.4	111.1	182,800*	53,600	257,200*	128,300	310,100*	203,100	358,900*	155
160	32.5	103.2	174,100*	47,700	246,100*	119,900	297,300*	192,100	345,000*	160
165	29.2	94.4	165,900*	42,000	235,600*	111,900	285,300*	181,800	331,900*	165

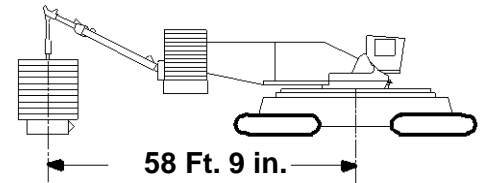


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
34	82.4	188.3					34
36	81.8	188.0					36
38	81.1	187.6					38
40	80.5	187.3					40
45	78.8	186.2					45
50	77.2	185.0					50
55	75.6	183.7					55
60	73.9	182.2					60
65	72.2	180.5					65
70	70.5	178.7	825,400	985,800*			70
75	68.8	176.7	755,200	916,700*			75
80	67.1	174.5	694,800	855,900*			80
85	65.3	172.1	642,100	802,100*			85
90	63.5	169.6	595,800	754,000*			90
95	61.7	166.8	554,800	710,900*			95
100	59.9	163.9	518,200	672,000*			100
105	58.0	160.7	485,300	636,700*	599,600	705,900*	105
110	56.0	157.3	455,700	604,500*	564,200	670,600*	110
115	54.1	153.6	428,700	575,000*	532,200	638,400*	115
120	52.0	149.6	404,200	548,000*	502,900	608,700*	120
125	49.9	145.3	381,700	523,000*	476,200	581,400*	125
130	47.8	140.7	361,000	499,900*	451,500	556,100*	130
135	45.5	135.8	341,800	478,500*	428,800	532,600*	135
140	43.2	130.4	324,100	458,500*	407,800	510,700*	140
145	40.8	124.5	307,700	439,900*	388,200	490,300*	145
150	38.2	118.2	292,300	422,500*	370,000	471,300*	150
155	35.4	111.1	278,000	406,200*	352,900	453,400*	155
160	32.5	103.2	264,500	390,800*	336,900	436,600*	160
165	29.2	94.4	251,700	376,300*	321,800	417,800*	165

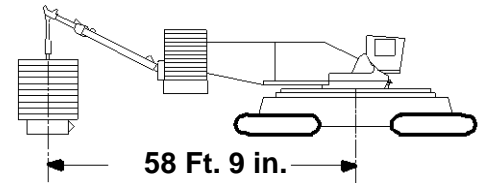


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
36	82.6	208.2	1,075,900*	781,300	1,347,800*	1,179,900	1,541,400*			36
38	82.0	207.9	1,018,300*	721,300	1,276,800*	1,093,300	1,460,800*			38
40	81.4	207.6	966,200*	668,800	1,212,500*	1,017,400	1,387,800*			40
45	80.0	206.6	855,000*	562,300	1,075,400*	863,700	1,232,200*	1,165,400	1,389,000*	45
50	78.5	205.6	765,000*	481,100	964,400*	746,500	1,106,200*	1,012,100	1,248,100*	50
55	77.0	204.4	690,700*	417,100	872,700*	654,200	1,002,200*	891,500	1,131,700*	55
60	75.6	203.0	624,500*	365,400	795,600*	579,600	914,800*	794,000	1,033,900*	60
65	74.1	201.6	567,500*	322,800	730,000*	518,000	840,300*	713,500	950,600*	65
70	72.6	199.9	518,900*	287,000	673,400*	466,400	776,100*	646,000	878,800*	70
75	71.0	198.2	476,900*	256,500	624,100*	422,400	720,200*	588,600	816,200*	75
80	69.5	196.2	440,400*	230,200	580,800*	384,600	671,000*	539,100	761,200*	80
85	67.9	194.1	408,300*	207,300	542,400*	351,600	627,500*	496,000	712,500*	85
90	66.4	191.9	379,800*	187,100	508,100*	322,600	588,600*	458,200	669,100*	90
95	64.8	189.5	354,400*	169,300	476,900*	296,900	553,700*	424,600	630,000*	95
100	63.2	186.9	331,500*	153,400	447,800*	274,000	522,200*	394,700	594,800*	100
105	61.5	184.1	310,900*	139,100	421,500*	253,400	493,600*	367,900	562,900*	105
110	59.9	181.2	292,200*	126,100	397,600*	234,800	467,600*	343,600	533,700*	110
115	58.2	178.0	275,100*	114,400	375,900*	218,000	443,700*	321,600	507,100*	115
120	56.5	174.7	259,500*	103,700	356,000*	202,600	421,800*	301,600	482,600*	120
125	54.7	171.1	245,100*	93,900	337,700*	188,500	401,600*	283,200	460,000*	125
130	52.9	167.2	231,800*	84,800	320,800*	175,500	382,900*	266,300	439,100*	130
135	51.0	163.1	219,600*	76,500	305,100*	163,600	365,600*	250,700	419,700*	135
140	49.1	158.7	208,200*	68,700	290,600*	152,500	349,300*	236,300	401,600*	140
145	47.2	154.1	197,600*	61,600	277,100*	142,200	333,700*	222,900	384,800*	145
150	45.1	149.0	187,600*	54,800	264,500*	132,600	319,200*	210,400	369,100*	150
155	43.0	143.6	178,400*	48,600	252,700*	123,600	305,600*	198,800	354,300*	155
160	40.8	137.8	169,700*	42,700	241,700*	115,200	292,900*	187,800	340,400*	160
165	38.5	131.5	161,500*	37,100	231,200*	107,300	280,900*	177,600	327,400*	165
170	36.1	124.6	153,800*	31,900	221,400*	99,800	269,600*	167,900	315,000*	170
175	33.5	117.0	146,500*	26,900	212,200*	92,800	259,000*	158,700	303,400*	175
180	30.7	108.6	139,500*	22,200	203,400*	86,100	248,900*	150,100	292,400*	180
185	27.6	99.2	133,000*	17,700	195,100*	79,700	239,300*	141,800	281,900*	185

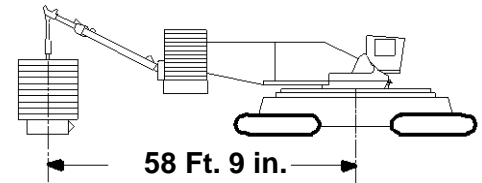


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



200 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
36	82.6	208.2					36
38	82.0	207.9					38
40	81.4	207.6					40
45	80.0	206.6					45
50	78.5	205.6					50
55	77.0	204.4					55
60	75.6	203.0					60
65	74.1	201.6					65
70	72.6	199.9	825,900	981,500*			70
75	71.0	198.2	754,900	912,300*			75
80	69.5	196.2	693,800	851,500*			80
85	67.9	194.1	640,600	797,600*			85
90	66.4	191.9	593,900	749,500*			90
95	64.8	189.5	552,500	706,400*			95
100	63.2	186.9	515,600	667,400*			100
105	61.5	184.1	482,500	632,100*			105
110	59.9	181.2	452,500	599,900*	561,600	666,000*	110
115	58.2	178.0	425,400	570,400*	529,300	633,700*	115
120	56.5	174.7	400,700	543,300*	499,900	604,100*	120
125	54.7	171.1	378,000	518,300*	472,900	576,700*	125
130	52.9	167.2	357,200	495,200*	448,200	551,400*	130
135	51.0	163.1	338,000	473,800*	425,400	527,900*	135
140	49.1	158.7	320,200	453,900*	404,200	506,100*	140
145	47.2	154.1	303,700	435,200*	384,600	485,700*	145
150	45.1	149.0	288,300	417,800*	366,300	466,600*	150
155	43.0	143.6	274,000	401,500*	349,300	448,800*	155
160	40.8	137.8	260,500	386,200*	333,300	432,000*	160
165	38.5	131.5	247,900	371,800*	318,300	416,200*	165
170	36.1	124.6	236,000	358,200*	304,200	401,300*	170
175	33.5	117.0	224,800	345,300*	290,900	387,200*	175
180	30.7	108.6	214,100	333,100*	278,200	373,900*	180
185	27.6	99.2	204,000	321,600*	266,200	358,100*	185

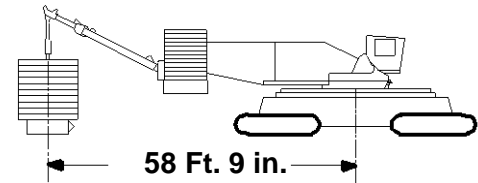


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
38	82.7	228.2	1,014,400*	725,600	1,272,900*	1,100,600	1,456,900*			38
40	82.2	227.9	962,200*	672,000	1,208,500*	1,023,400	1,383,800*			40
45	80.9	227.0	850,900*	563,600	1,071,300*	867,000	1,228,100*	1,170,800	1,384,900*	45
50	79.6	226.0	760,900*	481,000	960,200*	748,000	1,102,000*	1,015,300	1,243,900*	50
55	78.2	224.9	686,400*	416,000	868,400*	654,400	997,900*	893,100	1,127,400*	55
60	76.9	223.7	620,700*	363,600	791,300*	578,900	910,400*	794,400	1,029,600*	60
65	75.6	222.4	563,600*	320,300	725,600*	516,600	835,900*	713,000	946,200*	65
70	74.2	220.9	514,900*	284,000	669,000*	464,300	771,700*	644,800	874,400*	70
75	72.8	219.3	472,900*	253,200	619,600*	419,900	715,700*	586,800	811,700*	75
80	71.5	217.6	436,300*	226,600	576,300*	381,600	666,500*	536,800	756,700*	80
85	70.1	215.7	404,100*	203,400	537,800*	348,300	622,900*	493,300	708,000*	85
90	68.7	213.7	375,500*	183,000	503,600*	319,000	584,000*	455,100	664,500*	90
95	67.2	211.6	350,100*	165,000	472,600*	293,100	549,100*	421,300	625,400*	95
100	65.8	209.3	327,200*	148,900	443,500*	270,000	517,600*	391,200	590,200*	100
105	64.4	206.9	306,500*	134,500	417,100*	249,200	489,000*	364,100	558,200*	105
110	62.9	204.2	287,800*	121,400	393,200*	230,500	462,900*	339,700	529,100*	110
115	61.4	201.5	270,700*	109,600	371,500*	213,500	439,000*	317,500	502,400*	115
120	59.9	198.5	255,000*	98,800	351,500*	198,000	417,100*	297,300	477,900*	120
125	58.4	195.4	240,600*	88,900	333,200*	183,800	396,900*	278,800	455,300*	125
130	56.8	192.1	227,300*	79,700	316,300*	170,800	378,200*	261,900	434,400*	130
135	55.2	188.5	215,100*	71,300	300,600*	158,700	360,800*	246,200	415,000*	135
140	53.6	184.8	203,600*	63,600	286,100*	147,600	344,700*	231,700	396,900*	140
145	51.9	180.8	193,000*	56,300	272,600*	137,200	329,200*	218,200	380,100*	145
150	50.2	176.6	183,100*	49,600	260,000*	127,600	314,700*	205,700	364,300*	150
155	48.5	172.1	173,800*	43,300	248,200*	118,600	301,100*	194,000	349,600*	155
160	46.7	167.4	165,100*	37,300	237,100*	110,200	288,300*	183,000	335,700*	160
165	44.8	162.3	156,900*	31,800	226,700*	102,200	276,400*	172,800	322,700*	165
170	42.9	156.8	149,200*	26,600	216,900*	94,800	265,100*	163,100	310,400*	170
175	40.9	151.0	141,900*	21,600	207,700*	87,800	254,500*	154,000	298,700*	175
180	38.8	144.8	135,100*	16,900	198,900*	81,100	244,400*	145,400	287,700*	180
185	36.6	138.0	128,500*	12,500	190,700*	74,800	234,900*	137,200	277,300*	185
190	34.3	130.7	122,300*	8,200	182,800*	68,800	225,900*	129,500	267,400*	190
195	31.8	122.6	115,800*	4,200	175,400*	63,100	217,300*	122,100	258,000*	195
200	29.2	113.7	109,100*		168,300*	57,700	209,100*	115,000	249,000*	200
205	26.3	103.7	102,600*		161,500*	52,400	201,300*	108,300	240,400*	205

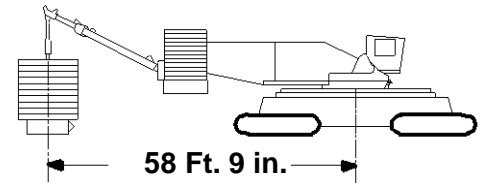


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



220 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
38	82.7	228.2							38
40	82.2	227.9							40
45	80.9	227.0							45
50	79.6	226.0							50
55	78.2	224.9							55
60	76.9	223.7							60
65	75.6	222.4							65
70	74.2	220.9	825,500	977,000*					70
75	72.8	219.3	753,900	907,800*					75
80	71.5	217.6	692,200	846,900*					80
85	70.1	215.7	638,500	793,000*					85
90	68.7	213.7	591,400	744,900*					90
95	67.2	211.6	549,700	701,800*					95
100	65.8	209.3	512,500	662,800*					100
105	64.4	206.9	479,100	627,400*					105
110	62.9	204.2	449,000	595,200*	558,400	661,400*			110
115	61.4	201.5	421,700	565,700*	525,900	629,000*			115
120	59.9	198.5	396,800	538,600*	496,300	599,400*			120
125	58.4	195.4	374,000	513,600*	469,200	572,000*			125
130	56.8	192.1	353,100	490,500*	444,400	546,700*			130
135	55.2	188.5	333,800	469,100*	421,400	523,200*			135
140	53.6	184.8	315,900	449,100*	400,200	501,300*			140
145	51.9	180.8	299,300	430,500*	380,500	481,000*			145
150	50.2	176.6	283,900	413,100*	362,200	461,900*			150
155	48.5	172.1	269,500	396,800*	345,100	444,000*			155
160	46.7	167.4	256,000	381,500*	329,100	427,300*			160
165	44.8	162.3	243,400	367,100*	314,100	411,500*	384,800	455,900*	165
170	42.9	156.8	231,500	353,500*	299,900	396,600*	368,500	439,700*	170
175	40.9	151.0	220,300	340,600*	286,700	382,600*	353,100	424,500*	175
180	38.8	144.8	209,700	328,500*	274,100	369,300*	338,600	410,000*	180
185	36.6	138.0	199,700	317,000*	262,200	356,600*	324,800	396,300*	185
190	34.3	130.7	190,200	306,000*	250,900	344,700*	311,800	378,600*	190
195	31.8	122.6	181,100	295,600*	240,200	333,300*	299,400	358,900*	195
200	29.2	113.7	172,500	285,700*	230,000	322,400*	287,600	339,800*	200
205	26.3	103.7	164,200	276,200*	220,200	307,500*			205

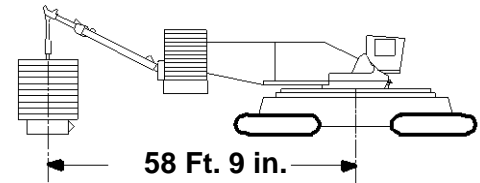


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



240 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
40	82.9	248.1	960,000*	677,900	1,206,300*	1,032,400	1,381,600*			40
45	81.7	247.3	848,600*	567,400	1,069,000*	873,300	1,225,800*			45
50	80.5	246.4	758,500*	483,500	957,800*	752,400	1,099,700*	1,021,600	1,241,500*	50
55	79.2	245.4	684,000*	417,500	866,000*	657,400	995,500*	897,600	1,125,000*	55
60	78.0	244.3	618,700*	364,300	788,900*	580,900	908,000*	797,700	1,027,100*	60
65	76.8	243.1	561,500*	320,500	723,200*	517,800	833,500*	715,400	943,700*	65
70	75.5	241.8	512,800*	283,700	666,500*	465,000	769,200*	646,400	871,900*	70
75	74.3	240.3	470,700*	252,500	617,100*	420,000	713,200*	587,800	809,200*	75
80	73.1	238.7	434,100*	225,600	573,700*	381,400	664,000*	537,300	754,200*	80
85	71.8	237.1	401,900*	202,200	535,300*	347,700	620,400*	493,400	705,400*	85
90	70.5	235.2	373,300*	181,600	501,000*	318,200	581,500*	454,900	661,900*	90
95	69.2	233.3	347,800*	163,400	470,200*	292,000	546,500*	420,800	622,900*	95
100	68.0	231.2	324,900*	147,200	441,200*	268,700	515,000*	390,400	587,600*	100
105	66.6	229.0	304,200*	132,600	414,800*	247,800	486,400*	363,100	555,600*	105
110	65.3	226.7	285,500*	119,400	390,900*	228,900	460,300*	338,500	526,500*	110
115	64.0	224.2	268,300*	107,500	369,100*	211,800	436,500*	316,200	499,800*	115
120	62.6	221.6	252,700*	96,600	349,100*	196,200	414,500*	295,900	475,300*	120
125	61.3	218.8	238,300*	86,600	330,800*	181,900	394,300*	277,300	452,700*	125
130	59.9	215.8	225,000*	77,400	313,900*	168,800	375,600*	260,200	431,800*	130
135	58.5	212.7	212,700*	69,000	298,200*	156,700	358,300*	244,500	412,400*	135
140	57.1	209.4	201,200*	61,100	283,700*	145,500	342,100*	229,900	394,300*	140
145	55.6	206.0	190,600*	53,900	270,200*	135,100	326,800*	216,400	377,500*	145
150	54.1	202.3	180,700*	47,100	257,600*	125,400	312,300*	203,800	361,800*	150
155	52.6	198.4	171,400*	40,800	245,800*	116,400	298,700*	192,000	347,000*	155
160	51.1	194.4	162,700*	34,800	234,700*	107,900	285,900*	181,000	333,200*	160
165	49.5	190.0	154,500*	29,300	224,300*	100,000	274,000*	170,700	320,100*	165
170	47.9	185.5	146,800*	24,000	214,500*	92,500	262,700*	161,000	307,800*	170
175	46.2	180.6	139,600*	19,100	205,300*	85,500	252,100*	151,900	296,200*	175
180	44.5	175.5	132,700*	14,400	196,600*	78,800	242,000*	143,300	285,200*	180
185	42.8	170.1	126,200*	10,000	188,300*	72,500	232,500*	135,200	274,800*	185
190	40.9	164.3	120,000*	5,700	180,500*	66,600	223,500*	127,400	264,900*	190
195	39.0	158.1	113,300*	1,700	173,100*	60,900	215,000*	120,100	255,500*	195
200	37.0	151.4	106,700*		166,000*	55,500	206,900*	113,100	246,600*	200
205	35.0	144.2	100,300*		159,200*	50,400	199,100*	106,500	238,100*	205
210	32.7	136.5	94,200*		152,800*	45,400	191,700*	100,100	229,900*	210
215	30.4	128.0	88,400*		146,700*	40,700	184,600*	94,100	222,100*	215
220	27.9	118.6	82,800*		140,800*	36,200	177,900*	88,200	214,700*	220

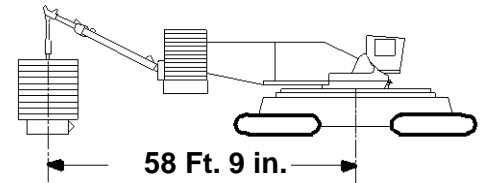


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
 458,700 Lb. Crane Counterweight
 200,000 Lb. Carbody Counterweight
 0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
 at 58 Ft. 9 in. Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



240 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
40	82.9	248.1							40
45	81.7	247.3							45
50	80.5	246.4							50
55	79.2	245.4							55
60	78.0	244.3							60
65	76.8	243.1							65
70	75.5	241.8	828,000	974,500*					70
75	74.3	240.3	755,700	905,300*					75
80	73.1	238.7	693,400	844,400*					80
85	71.8	237.1	639,300	790,500*					85
90	70.5	235.2	591,800	742,400*					90
95	69.2	233.3	549,700	699,200*					95
100	68.0	231.2	512,200	660,200*					100
105	66.6	229.0	478,600	624,900*					105
110	65.3	226.7	448,300	592,600*	558,100	658,800*			110
115	64.0	224.2	420,800	563,100*	525,400	626,500*			115
120	62.6	221.6	395,700	536,000*	495,600	596,800*			120
125	61.3	218.8	372,800	511,000*	468,400	569,400*			125
130	59.9	215.8	351,700	487,900*	443,400	544,100*			130
135	58.5	212.7	332,300	466,500*	420,300	520,600*			135
140	57.1	209.4	314,400	446,500*	399,000	498,800*			140
145	55.6	206.0	297,700	427,900*	379,200	478,400*			145
150	54.1	202.3	282,200	410,500*	360,800	459,300*			150
155	52.6	198.4	267,800	394,200*	343,600	441,500*			155
160	51.1	194.4	254,300	378,900*	327,600	424,700*			160
165	49.5	190.0	241,600	364,500*	312,500	408,900*	383,500	453,400*	165
170	47.9	185.5	229,700	351,000*	298,400	394,100*	367,200	437,200*	170
175	46.2	180.6	218,500	338,100*	285,100	380,000*	351,700	422,000*	175
180	44.5	175.5	207,900	326,000*	272,500	366,800*	337,200	407,500*	180
185	42.8	170.1	197,900	314,500*	260,600	354,200*	323,500	393,800*	185
190	40.9	164.3	188,400	303,600*	249,400	342,200*	310,500	380,900*	190
195	39.0	158.1	179,400	293,200*	238,700	330,900*	298,100	368,500*	195
200	37.0	151.4	170,800	283,300*	228,600	320,100*	286,400	356,800*	200
205	35.0	144.2	162,700	273,900*	218,900	309,800*	275,300	345,600*	205
210	32.7	136.5	154,900	264,900*	209,700	299,900*	264,600	328,600*	210
215	30.4	128.0	147,500	256,300*	200,900	290,500*	254,400	312,000*	215
220	27.9	118.6	140,300	248,100*	192,500	281,500*	244,700	295,700*	220

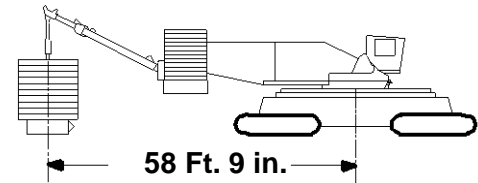


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



260 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.3	267.5	844,200*	569,000	1,064,600*	877,300	1,221,400*			45
50	81.2	266.7	754,000*	483,500	953,400*	754,400	1,095,200*	1,025,500	1,237,100*	50
55	80.1	265.8	679,500*	416,400	861,500*	658,000	991,000*	899,700	1,120,500*	55
60	78.9	264.8	614,700*	362,400	784,300*	580,300	903,400*	798,400	1,022,600*	60
65	77.8	263.7	557,400*	318,000	718,600*	516,400	828,900*	715,100	939,200*	65
70	76.7	262.5	508,600*	280,700	661,900*	462,900	764,500*	645,300	867,200*	70
75	75.5	261.1	466,500*	249,100	612,500*	417,500	708,500*	586,000	804,600*	75
80	74.4	259.7	429,800*	221,800	569,100*	378,400	659,300*	535,000	749,500*	80
85	73.2	258.1	397,500*	198,200	530,600*	344,400	615,700*	490,700	700,700*	85
90	72.1	256.5	368,900*	177,400	496,300*	314,500	576,700*	451,800	657,200*	90
95	70.9	254.7	343,400*	159,000	465,500*	288,100	541,800*	417,400	618,100*	95
100	69.7	252.8	320,400*	142,500	436,700*	264,600	510,300*	386,800	582,900*	100
105	68.6	250.8	299,700*	127,800	410,300*	243,500	481,600*	359,300	550,900*	105
110	67.4	248.7	280,900*	114,500	386,400*	224,400	455,600*	334,500	521,700*	110
115	66.1	246.4	263,800*	102,500	364,600*	207,200	431,700*	312,000	495,000*	115
120	64.9	244.1	248,100*	91,500	344,600*	191,500	409,700*	291,500	470,500*	120
125	63.7	241.5	233,700*	81,400	326,200*	177,100	389,500*	272,800	447,900*	125
130	62.4	238.9	220,400*	72,200	309,300*	163,800	370,800*	255,600	427,000*	130
135	61.2	236.1	208,100*	63,700	293,600*	151,600	353,400*	239,700	407,600*	135
140	59.9	233.2	196,600*	55,800	279,100*	140,400	337,300*	225,100	389,500*	140
145	58.6	230.1	186,000*	48,400	265,500*	129,900	322,200*	211,500	372,700*	145
150	57.3	226.8	176,100*	41,600	252,900*	120,200	307,600*	198,800	356,900*	150
155	56.0	223.4	166,800*	35,200	241,100*	111,100	294,000*	187,000	342,200*	155
160	54.6	219.8	158,100*	29,300	230,100*	102,600	281,300*	176,000	328,300*	160
165	53.2	216.0	149,900*	23,700	219,700*	94,600	269,300*	165,600	315,300*	165
170	51.8	212.0	142,200*	18,400	209,900*	87,100	258,000*	155,900	303,000*	170
175	50.4	207.9	134,900*	13,400	200,600*	80,000	247,400*	146,700	291,400*	175
180	48.9	203.4	128,000*	8,700	191,900*	73,400	237,400*	138,100	280,400*	180
185	47.4	198.8	121,500*	4,300	183,700*	67,100	227,900*	129,900	270,000*	185
190	45.9	193.9	114,600*		175,800*	61,100	218,900*	122,200	260,100*	190
195	44.3	188.8	107,600*		168,400*	55,400	210,300*	114,900	250,700*	195
200	42.7	183.3	101,000*		161,400*	50,100	202,200*	107,900	241,800*	200
205	41.0	177.5	94,600*		154,600*	44,900	194,500*	101,300	233,300*	205
210	39.2	171.3	88,600*		148,200*	40,000	187,100*	94,900	225,200*	210
215	37.4	164.8	82,800*		142,100*	35,300	180,100*	88,900	217,400*	215
220	35.5	157.7	77,300*		136,200*	30,900	173,300*	83,100	210,000*	220
225	33.5	150.2	72,000*		130,600*	26,600	166,900*	77,600	202,900*	225
230	31.4	142.0	66,900*		125,200*	22,400	160,700*	72,300	196,000*	230
240	26.7	123.2	57,300*		115,100*	14,600	149,100*	62,200	183,100*	240

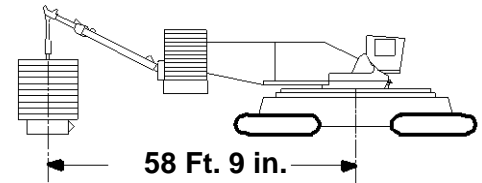


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



260 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.3	267.5							45
50	81.2	266.7							50
55	80.1	265.8							55
60	78.9	264.8							60
65	77.8	263.7							65
70	76.7	262.5							70
75	75.5	261.1	754,800	900,600*					75
80	74.4	259.7	691,900	839,700*					80
85	73.2	258.1	637,200	785,800*					85
90	72.1	256.5	589,300	737,700*					90
95	70.9	254.7	546,900	694,500*					95
100	69.7	252.8	509,100	655,500*					100
105	68.6	250.8	475,200	620,100*					105
110	67.4	248.7	444,600	587,800*	554,900	654,000*			110
115	66.1	246.4	416,900	558,300*	522,000	621,700*			115
120	64.9	244.1	391,700	531,200*	492,000	592,000*			120
125	63.7	241.5	368,600	506,200*	464,600	564,600*			125
130	62.4	238.9	347,400	483,100*	439,400	539,300*			130
135	61.2	236.1	327,900	461,700*	416,200	515,800*			135
140	59.9	233.2	309,900	441,700*	394,700	493,900*			140
145	58.6	230.1	293,100	423,100*	374,800	473,600*			145
150	57.3	226.8	277,500	405,700*	356,300	454,500*			150
155	56.0	223.4	263,000	389,400*	339,100	436,700*			155
160	54.6	219.8	249,400	374,100*	323,000	419,900*			160
165	53.2	216.0	236,700	359,700*	307,900	404,100*	379,100	448,500*	165
170	51.8	212.0	224,700	346,100*	293,700	389,300*	362,700	432,400*	170
175	50.4	207.9	213,500	333,300*	280,300	375,200*	347,200	417,100*	175
180	48.9	203.4	202,900	321,200*	267,700	361,900*	332,600	402,700*	180
185	47.4	198.8	192,800	309,700*	255,800	349,400*	318,900	389,000*	185
190	45.9	193.9	183,300	298,800*	244,600	337,400*	305,800	376,100*	190
195	44.3	188.8	174,300	288,400*	233,900	326,100*	293,500	363,700*	195
200	42.7	183.3	165,800	278,500*	223,800	315,300*	281,800	352,000*	200
205	41.0	177.5	157,700	269,100*	214,100	305,000*	270,600	340,900*	205
210	39.2	171.3	149,900	260,200*	204,900	295,200*	260,000	330,200*	210
215	37.4	164.8	142,500	251,600*	196,200	285,800*	249,900	320,000*	215
220	35.5	157.7	135,400	243,400*	187,800	276,800*	240,200	310,300*	220
225	33.5	150.2	128,600	235,600*	179,800	268,300*	230,900	297,900*	225
230	31.4	142.0	122,100	228,000*	172,100	260,000*	222,100	283,200*	230
240	26.7	123.2	109,800	213,900*	157,500	243,000*	205,300	254,800*	240

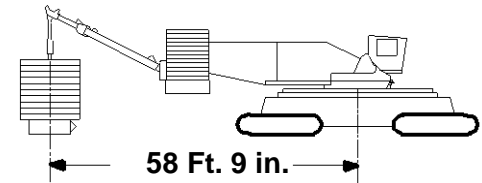


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



280 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.9	287.8	841,300*	572,300	1,061,700*	883,100	1,218,500*			45
50	81.8	287.0	751,100*	485,300	950,400*	758,200	1,092,300*	1,031,400	1,234,100*	50
55	80.8	286.2	676,500*	417,200	858,500*	660,300	988,000*	903,800	1,117,500*	55
60	79.8	285.2	612,100*	362,400	781,300*	581,600	900,400*	801,100	1,019,600*	60
65	78.7	284.2	554,800*	317,300	715,500*	517,000	825,800*	716,800	936,100*	65
70	77.7	283.0	505,900*	279,700	658,800*	462,800	761,500*	646,200	864,200*	70
75	76.6	281.8	463,800*	247,600	609,400*	416,900	705,500*	586,300	801,500*	75
80	75.5	280.5	427,100*	220,100	566,000*	377,400	656,200*	534,800	746,500*	80
85	74.5	279.1	394,800*	196,200	527,500*	343,100	612,600*	490,100	697,700*	85
90	73.4	277.5	366,100*	175,200	493,200*	313,000	573,700*	450,900	654,100*	90
95	72.3	275.9	340,600*	156,600	462,400*	286,300	538,700*	416,200	615,100*	95
100	71.3	274.2	317,600*	140,100	433,900*	262,600	507,200*	385,300	579,800*	100
105	70.2	272.3	296,900*	125,200	407,500*	241,300	478,600*	357,600	547,800*	105
110	69.1	270.4	278,100*	111,800	383,500*	222,200	452,500*	332,600	518,600*	110
115	68.0	268.3	261,000*	99,700	361,700*	204,800	428,600*	310,000	492,000*	115
120	66.8	266.1	245,300*	88,600	341,700*	188,900	406,700*	289,400	467,400*	120
125	65.7	263.8	230,800*	78,500	323,400*	174,400	386,500*	270,500	444,800*	125
130	64.6	261.4	217,500*	69,200	306,400*	161,100	367,800*	253,200	423,900*	130
135	63.4	258.9	205,200*	60,600	290,800*	148,900	350,400*	237,300	404,500*	135
140	62.3	256.2	193,800*	52,600	276,200*	137,500	334,300*	222,500	386,500*	140
145	61.1	253.4	183,100*	45,300	262,700*	127,000	319,200*	208,800	369,600*	145
150	59.9	250.5	173,200*	38,400	250,100*	117,200	304,800*	196,100	353,900*	150
155	58.7	247.4	163,900*	32,000	238,200*	108,100	291,200*	184,300	339,100*	155
160	57.5	244.2	155,200*	26,000	227,200*	99,600	278,400*	173,200	325,300*	160
165	56.3	240.8	147,000*	20,400	216,800*	91,600	266,400*	162,800	312,300*	165
170	55.0	237.3	139,300*	15,100	207,000*	84,000	255,200*	153,000	300,000*	170
175	53.7	233.5	132,000*	10,100	197,800*	77,000	244,600*	143,800	288,400*	175
180	52.4	229.7	125,200*	5,400	189,100*	70,300	234,500*	135,200	277,400*	180
185	51.1	225.6	118,600*		180,800*	64,000	225,000*	127,000	267,000*	185
190	49.8	221.3	111,300*		173,000*	58,000	216,000*	119,300	257,200*	190
195	48.4	216.8	104,300*		165,600*	52,300	207,500*	111,900	247,800*	195
200	47.0	212.1	97,600*		158,500*	46,900	199,400*	104,900	238,900*	200
205	45.6	207.2	91,300*		151,800*	41,800	191,700*	98,300	230,400*	205
210	44.1	202.0	85,300*		145,400*	36,900	184,300*	92,000	222,300*	210
215	42.6	196.5	79,500*		139,300*	32,200	177,300*	86,000	214,500*	215
220	41.0	190.7	74,000*		133,500*	27,800	170,600*	80,200	207,100*	220
225	39.4	184.6	68,800*		127,900*	23,500	164,100*	74,700	200,000*	225
230	37.7	178.1	63,700*		122,500*	19,400	158,000*	69,400	193,200*	230
240	34.1	163.8	54,200*		112,500*	11,700	146,400*	59,500	180,400*	240
250	30.2	147.3	45,400*		103,100*	4,500	135,800*	50,300	168,400*	250

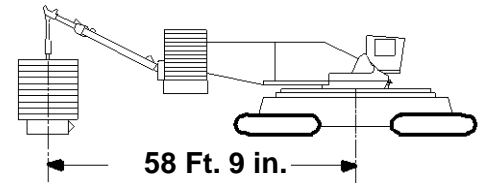


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



280 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
45	82.9	287.8							45
50	81.8	287.0							50
55	80.8	286.2							55
60	79.8	285.2							60
65	78.7	284.2							65
70	77.7	283.0							70
75	76.6	281.8	755,900	897,600*					75
80	75.5	280.5	692,400	836,700*					80
85	74.5	279.1	637,300	782,700*					85
90	73.4	277.5	588,900	734,600*					90
95	72.3	275.9	546,200	691,400*					95
100	71.3	274.2	508,100	652,400*					100
105	70.2	272.3	473,900	617,000*					105
110	69.1	270.4	443,200	584,800*					110
115	68.0	268.3	415,300	555,300*	520,700	618,600*			115
120	66.8	266.1	389,900	528,200*	490,500	588,900*			120
125	65.7	263.8	366,700	503,200*	463,000	561,500*			125
130	64.6	261.4	345,400	480,100*	437,600	536,200*			130
135	63.4	258.9	325,700	458,600*	414,300	512,700*			135
140	62.3	256.2	307,600	438,700*	392,700	490,900*			140
145	61.1	253.4	290,800	420,100*	372,800	470,500*			145
150	59.9	250.5	275,100	402,700*	354,200	451,500*			150
155	58.7	247.4	260,500	386,400*	336,800	433,600*			155
160	57.5	244.2	246,900	371,100*	320,700	416,900*			160
165	56.3	240.8	234,100	356,700*	305,500	401,100*	376,900	445,500*	165
170	55.0	237.3	222,100	343,100*	291,200	386,200*	360,500	429,400*	170
175	53.7	233.5	210,800	330,300*	277,800	372,200*	344,900	414,100*	175
180	52.4	229.7	200,200	318,200*	265,200	358,900*	330,300	399,700*	180
185	51.1	225.6	190,100	306,700*	253,300	346,400*	316,500	386,100*	185
190	49.8	221.3	180,600	295,800*	242,000	334,500*	303,500	373,100*	190
195	48.4	216.8	171,600	285,500*	231,300	323,100*	291,100	360,800*	195
200	47.0	212.1	163,000	275,600*	221,200	312,300*	279,400	349,100*	200
205	45.6	207.2	154,900	266,200*	211,500	302,100*	268,200	337,900*	205
210	44.1	202.0	147,100	257,300*	202,300	292,300*	257,600	327,300*	210
215	42.6	196.5	139,800	248,700*	193,600	282,900*	247,500	317,100*	215
220	41.0	190.7	132,700	240,500*	185,200	274,000*	237,800	307,400*	220
225	39.4	184.6	125,900	232,700*	177,200	265,400*	228,600	298,100*	225
230	37.7	178.1	119,500	225,200*	169,600	257,200*	219,800	289,200*	230
240	34.1	163.8	107,300	211,100*	155,200	241,800*	203,200	271,900*	240
250	30.2	147.3	96,100	198,100*	141,900	227,500*	187,800	246,100*	250

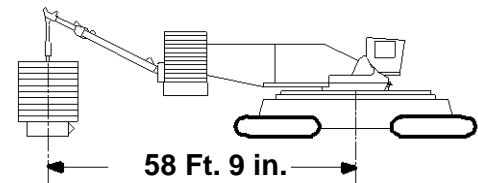


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



300 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.4	307.2	746,500*	484,500	945,800*	758,900	1,087,700*	1,033,700	1,229,500*	50
55	81.4	306.5	671,900*	415,400	853,900*	659,800	983,400*	904,500	1,112,900*	55
60	80.4	305.6	607,900*	359,900	776,600*	580,200	895,700*	800,700	1,014,900*	60
65	79.5	304.6	550,500*	314,300	710,800*	514,800	821,100*	715,500	931,400*	65
70	78.5	303.6	501,600*	276,100	654,100*	460,100	756,800*	644,200	859,400*	70
75	77.5	302.4	459,400*	243,800	604,600*	413,700	700,700*	583,800	796,700*	75
80	76.5	301.2	422,600*	216,000	561,200*	373,800	651,400*	531,800	741,700*	80
85	75.5	299.9	390,300*	191,800	522,700*	339,200	607,800*	486,700	692,800*	85
90	74.6	298.4	361,600*	170,600	488,400*	308,800	568,800*	447,200	649,300*	90
95	73.6	296.9	336,000*	151,900	457,600*	282,000	533,900*	412,300	610,200*	95
100	72.6	295.3	313,100*	135,200	429,300*	258,100	502,300*	381,100	574,900*	100
105	71.5	293.6	292,300*	120,200	402,900*	236,600	473,700*	353,200	542,900*	105
110	70.5	291.8	273,500*	106,700	378,900*	217,300	447,600*	328,100	513,800*	110
115	69.5	289.9	256,300*	94,400	357,100*	199,800	423,700*	305,300	487,100*	115
120	68.5	287.9	240,600*	83,300	337,100*	183,900	401,800*	284,600	462,500*	120
125	67.4	285.8	226,100*	73,100	318,700*	169,300	381,600*	265,600	439,900*	125
130	66.4	283.6	212,800*	63,700	301,700*	155,900	362,800*	248,200	419,000*	130
135	65.3	281.2	200,500*	55,100	286,100*	143,600	345,500*	232,200	399,600*	135
140	64.3	278.8	189,000*	47,100	271,500*	132,200	329,300*	217,400	381,600*	140
145	63.2	276.2	178,400*	39,600	258,000*	121,600	314,300*	203,600	364,700*	145
150	62.1	273.5	168,500*	32,700	245,300*	111,800	300,000*	190,800	349,000*	150
155	61.0	270.7	159,200*	26,300	233,500*	102,600	286,400*	178,900	334,200*	155
160	59.9	267.8	150,500*	20,300	222,400*	94,000	273,700*	167,800	320,400*	160
165	58.8	264.7	142,300*	14,600	212,000*	86,000	261,700*	157,400	307,400*	165
170	57.7	261.5	134,600*	9,300	202,300*	78,400	250,400*	147,600	295,100*	170
175	56.5	258.2	127,300*	4,300	193,000*	71,300	239,800*	138,300	283,500*	175
180	55.4	254.7	120,400*		184,300*	64,600	229,800*	129,600	272,500*	180
185	54.2	251.0	112,700*		176,100*	58,200	220,300*	121,400	262,100*	185
190	53.0	247.2	105,300*		168,200*	52,200	211,300*	113,700	252,200*	190
195	51.7	243.3	98,300*		160,800*	46,600	202,700*	106,300	242,900*	195
200	50.5	239.1	91,600*		153,800*	41,200	194,600*	99,300	234,000*	200
205	49.2	234.7	85,300*		147,100*	36,000	186,900*	92,700	225,500*	205
210	48.0	230.2	79,300*		140,700*	31,100	179,600*	86,400	217,400*	210
215	46.6	225.4	73,500*		134,600*	26,500	172,500*	80,300	209,600*	215
220	45.3	220.5	68,100*		128,700*	22,000	165,800*	74,600	202,200*	220
225	43.9	215.2	62,800*		123,100*	17,700	159,400*	69,100	195,200*	225
230	42.5	209.7	57,800*		117,800*	13,600	153,300*	63,800	188,400*	230
240	39.5	197.9	48,300*		107,800*	6,000	141,700*	53,900	175,600*	240
250	36.4	184.6	39,600*		98,500*		131,100*	44,700	163,700*	250
260	32.9	169.7			89,900*		121,200*	36,300	152,600*	260
270	29.1	152.4			81,900*		112,100*	28,300	142,200*	270

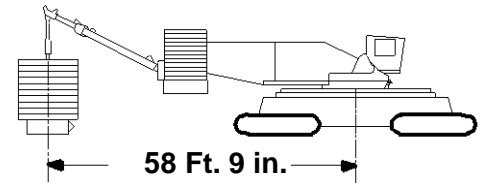


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



300 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.4	307.2							50
55	81.4	306.5							55
60	80.4	305.6							60
65	79.5	304.6							65
70	78.5	303.6							70
75	77.5	302.4	754,100	892,800*					75
80	76.5	301.2	690,000	831,900*					80
85	75.5	299.9	634,500	777,900*					85
90	74.6	298.4	585,700	729,800*					90
95	73.6	296.9	542,700	686,600*					95
100	72.6	295.3	504,300	647,500*					100
105	71.5	293.6	470,000	612,200*					105
110	70.5	291.8	439,000	579,900*					110
115	69.5	289.9	410,900	550,400*	516,700	613,700*			115
120	68.5	287.9	385,400	523,300*	486,300	584,000*			120
125	67.4	285.8	362,100	498,300*	458,600	556,600*			125
130	66.4	283.6	340,600	475,200*	433,100	531,300*			130
135	65.3	281.2	320,900	453,700*	409,700	507,800*			135
140	64.3	278.8	302,700	433,800*	388,000	486,000*			140
145	63.2	276.2	285,700	415,200*	368,000	465,600*			145
150	62.1	273.5	270,000	397,800*	349,300	446,600*			150
155	61.0	270.7	255,400	381,500*	331,900	428,700*			155
160	59.9	267.8	241,700	366,200*	315,600	412,000*			160
165	58.8	264.7	228,800	351,800*	300,400	396,200*	372,000	440,600*	165
170	57.7	261.5	216,800	338,200*	286,100	381,300*	355,500	424,500*	170
175	56.5	258.2	205,500	325,400*	272,700	367,300*	339,900	409,200*	175
180	55.4	254.7	194,800	313,300*	260,000	354,000*	325,300	394,800*	180
185	54.2	251.0	184,700	301,800*	248,000	341,500*	311,400	381,100*	185
190	53.0	247.2	175,200	290,900*	236,700	329,500*	298,300	368,200*	190
195	51.7	243.3	166,100	280,500*	226,000	318,200*	285,900	355,900*	195
200	50.5	239.1	157,600	270,700*	215,800	307,400*	274,200	344,200*	200
205	49.2	234.7	149,400	261,300*	206,200	297,200*	263,000	333,000*	205
210	48.0	230.2	141,600	252,400*	197,000	287,400*	252,400	322,400*	210
215	46.6	225.4	134,200	243,800*	188,200	278,000*	242,300	312,200*	215
220	45.3	220.5	127,200	235,700*	179,900	269,100*	232,600	302,500*	220
225	43.9	215.2	120,400	227,900*	171,900	260,600*	223,400	293,300*	225
230	42.5	209.7	114,000	220,400*	164,200	252,400*	214,500	284,400*	230
240	39.5	197.9	101,900	206,300*	149,900	237,000*	198,000	267,600*	240
250	36.4	184.6	90,700	193,300*	136,700	222,800*	182,700	252,200*	250
260	32.9	169.7	80,300	181,200*	124,400	209,600*	168,600	233,300*	260
270	29.1	152.4	70,600	170,000*	113,000	197,300*	155,400	210,800*	270

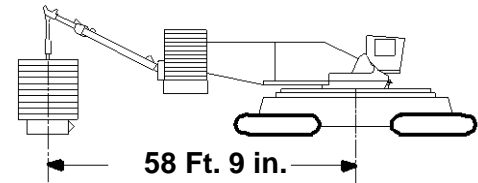


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



320 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.9	327.4	749,500*	494,300	948,800*	770,900	1,090,700*	916,800	1,103,800*	50
55	82.0	326.7	674,900*	424,200	856,900*	670,400	986,400*	811,700	1,018,000*	55
60	81.0	325.9	611,400*	368,000	779,700*	589,700	898,800*	725,400	934,500*	60
65	80.1	325.0	554,000*	321,800	713,900*	523,500	824,200*	653,400	862,600*	65
70	79.2	324.0	505,000*	283,300	657,200*	468,300	759,900*	592,400	799,900*	70
75	78.3	322.9	462,800*	250,600	607,800*	421,400	703,800*	540,000	744,800*	75
80	77.4	321.8	426,100*	222,500	564,400*	381,100	654,600*	494,500	696,000*	80
85	76.5	320.5	393,700*	198,100	525,900*	346,200	611,000*	454,600	652,500*	85
90	75.5	319.2	365,100*	176,700	491,600*	315,600	572,000*	419,400	613,400*	90
95	74.6	317.8	339,500*	157,900	460,800*	288,500	537,100*	388,000	578,200*	95
100	73.7	316.3	316,500*	141,000	432,800*	264,500	505,600*	359,900	546,200*	100
105	72.7	314.7	295,800*	126,000	406,400*	242,900	477,000*	334,600	517,000*	105
110	71.8	313.0	277,000*	112,400	382,400*	223,400	450,900*	311,700	490,300*	110
115	70.8	311.3	259,800*	100,000	360,600*	205,800	427,000*	290,900	465,800*	115
120	69.9	309.4	244,100*	88,800	340,600*	189,800	405,100*	271,800	443,200*	120
125	68.9	307.5	229,600*	78,600	322,200*	175,100	384,900*	254,300	422,300*	125
130	68.0	305.4	216,300*	69,200	305,200*	161,700	366,200*	238,200	402,900*	130
135	67.0	303.2	204,000*	60,500	289,600*	149,300	348,800*	223,300	384,900*	135
140	66.0	301.0	192,600*	52,400	275,000*	137,800	332,700*	209,500	368,100*	140
145	65.0	298.6	181,900*	45,000	261,500*	127,200	317,600*	196,700	352,400*	145
150	64.0	296.1	172,000*	38,100	248,900*	117,300	303,600*	184,700	337,600*	150
155	63.0	293.6	162,700*	31,600	237,000*	108,100	290,000*	173,500	323,800*	155
160	62.0	290.9	154,000*	25,600	226,000*	99,500	277,200*	163,100	310,800*	160
165	61.0	288.0	145,800*	19,900	215,600*	91,400	265,200*	153,200	298,500*	165
170	59.9	285.1	138,100*	14,600	205,800*	83,900	254,000*	144,000	286,900*	170
175	58.9	282.1	130,900*	9,600	196,600*	76,700	243,400*	135,300	276,000*	175
180	57.8	278.9	124,000*	4,800	187,900*	70,000	233,300*	127,000	265,600*	180
185	56.7	275.6	117,500*		179,600*	63,700	223,900*	119,300	255,700*	185
190	55.7	272.1	110,500*		171,800*	57,700	214,900*	111,900	246,400*	190
195	54.5	268.5	103,500*		164,400*	52,000	206,300*	104,900	237,500*	195
200	53.4	264.8	96,900*		157,400*	46,600	198,200*	98,200	229,000*	200
205	52.3	260.9	90,500*		150,700*	41,400	190,500*	91,900	220,900*	205
210	51.1	256.8	84,500*		144,300*	36,500	183,200*	85,900	213,200*	210
215	50.0	252.6	78,800*		138,200*	31,900	176,200*	80,100	205,800*	215
220	48.8	248.2	73,300*		132,400*	27,400	169,500*	74,600	198,700*	220
225	47.6	243.6	68,100*		126,800*	23,100	163,100*	69,400	192,000*	225
230	46.3	238.7	63,000*		121,500*	19,100	157,000*	59,500	179,300*	230
240	43.7	228.5	53,600*		111,500*	11,400	145,500*	50,400	167,500*	240
250	41.1	217.2	44,900*		102,300*	4,300	134,900*	41,900	156,400*	250
260	38.2	204.8			93,700*		125,100*	34,100	146,100*	260
270	35.1	190.9			85,800*		115,900*	26,800	136,500*	270
280	31.8	175.3			78,400*		107,400*	19,900	127,600*	280
290	28.1	157.4			70,800*		99,500*			290

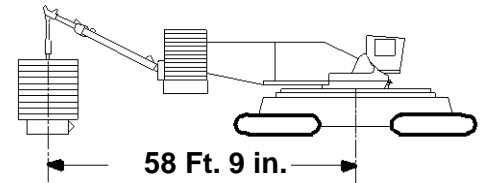


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



320 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
50	82.9	327.4							50
55	82.0	326.7							55
60	81.0	325.9							60
65	80.1	325.0							65
70	79.2	324.0							70
75	78.3	322.9							75
80	77.4	321.8	698,900	835,000*					80
85	76.5	320.5	642,900	781,100*					85
90	75.5	319.2	593,700	733,000*					90
95	74.6	317.8	550,300	689,800*					95
100	73.7	316.3	511,700	650,800*					100
105	72.7	314.7	477,100	615,400*					105
110	71.8	313.0	446,000	583,200*					110
115	70.8	311.3	417,700	553,700*	523,900	617,000*			115
120	69.9	309.4	392,100	526,600*	493,300	587,300*			120
125	68.9	307.5	368,600	501,600*	465,400	560,000*			125
130	68.0	305.4	347,000	478,500*	439,900	534,600*			130
135	67.0	303.2	327,200	457,100*	416,300	511,200*			135
140	66.0	301.0	308,900	437,100*	394,500	489,300*			140
145	65.0	298.6	291,900	418,500*	374,400	469,000*			145
150	64.0	296.1	276,100	401,100*	355,600	449,900*			150
155	63.0	293.6	261,400	384,900*	338,100	432,100*			155
160	62.0	290.9	247,600	369,600*	321,800	415,400*			160
165	61.0	288.0	234,800	355,200*	306,500	399,600*			165
170	59.9	285.1	222,700	341,600*	292,200	384,800*	361,800	427,900*	170
175	58.9	282.1	211,300	328,800*	278,700	370,700*	346,200	412,700*	175
180	57.8	278.9	200,600	316,700*	266,000	357,500*	331,500	398,300*	180
185	56.7	275.6	190,500	305,300*	254,000	344,900*	317,600	384,600*	185
190	55.7	272.1	180,900	294,400*	242,700	333,000*	304,500	371,700*	190
195	54.5	268.5	171,900	284,000*	231,900	321,700*	292,000	359,400*	195
200	53.4	264.8	163,300	274,200*	221,700	310,900*	280,200	347,700*	200
205	52.3	260.9	155,100	264,800*	212,100	300,700*	269,100	336,600*	205
210	51.1	256.8	147,400	255,900*	202,900	290,900*	258,400	325,900*	210
215	50.0	252.6	140,000	247,400*	194,100	281,600*	248,300	315,800*	215
220	48.8	248.2	132,900	239,200*	185,700	272,700*	238,600	306,100*	220
225	47.6	243.6	126,100	231,400*	177,700	264,100*	229,400	296,800*	225
230	46.3	238.7	119,700	224,000*	170,100	256,000*	220,500	288,000*	230
240	43.7	228.5	107,600	209,900*	155,800	240,600*	204,000	271,300*	240
250	41.1	217.2	96,500	197,000*	142,600	226,400*	188,800	255,900*	250
260	38.2	204.8	86,200	185,000*	130,400	213,300*	174,700	241,600*	260
270	35.1	190.9	76,600	173,800*	119,100	201,100*	161,600	228,400*	270
280	31.8	175.3	67,600	163,400*	108,500	189,700*	149,500	210,700*	280
290	28.1	157.4	59,200	153,700*	98,600	179,100*	138,100	190,800*	290

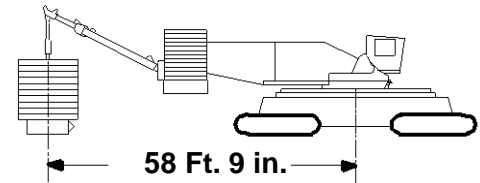


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



340 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.4	346.9	670,200*	422,300	852,200*	669,800	968,100*			55
60	81.6	346.2	607,200*	365,400	774,900*	588,100	894,100*	811,100	968,100*	60
65	80.7	345.3	549,700*	318,600	709,100*	521,200	819,400*	724,000	929,700*	65
70	79.9	344.4	500,700*	279,600	652,400*	465,400	755,100*	651,300	857,700*	70
75	79.0	343.4	458,400*	246,600	602,900*	418,000	699,000*	589,700	795,000*	75
80	78.1	342.3	421,600*	218,200	559,500*	377,400	649,700*	536,800	739,900*	80
85	77.3	341.1	389,200*	193,600	521,000*	342,200	606,100*	490,900	691,100*	85
90	76.4	339.9	360,500*	172,000	486,700*	311,300	567,100*	450,800	647,600*	90
95	75.5	338.6	334,900*	153,000	455,900*	284,100	532,200*	415,300	608,500*	95
100	74.7	337.2	311,900*	136,000	428,000*	259,800	500,600*	383,700	573,200*	100
105	73.8	335.7	291,100*	120,800	401,700*	238,100	472,000*	355,500	541,200*	105
110	72.9	334.1	272,300*	107,100	377,700*	218,500	445,900*	330,000	512,100*	110
115	72.0	332.5	255,100*	94,700	355,800*	200,700	422,100*	306,900	485,400*	115
120	71.1	330.7	239,400*	83,400	335,800*	184,600	400,100*	285,900	460,900*	120
125	70.2	328.9	224,900*	73,000	317,400*	169,900	379,900*	266,800	438,300*	125
130	69.3	327.0	211,600*	63,600	300,500*	156,300	361,200*	249,200	417,400*	130
135	68.4	325.0	199,200*	54,800	284,800*	143,800	343,800*	233,000	398,000*	135
140	67.5	322.9	187,800*	46,700	270,200*	132,300	327,700*	218,000	379,900*	140
145	66.6	320.7	177,100*	39,200	256,700*	121,600	312,700*	204,100	363,100*	145
150	65.7	318.4	167,200*	32,300	244,100*	111,700	298,600*	191,200	347,400*	150
155	64.7	316.0	157,900*	25,800	232,200*	102,500	285,200*	179,200	332,600*	155
160	63.8	313.5	149,200*	19,700	221,200*	93,800	272,400*	168,000	318,800*	160
165	62.8	310.9	141,000*	14,000	210,800*	85,700	260,400*	157,500	305,800*	165
170	61.9	308.2	133,300*	8,600	201,000*	78,100	249,200*	147,600	293,500*	170
175	60.9	305.4	126,000*	3,600	191,800*	70,900	238,500*	138,300	281,900*	175
180	59.9	302.4	119,200*		183,100*	64,200	228,500*	129,600	271,000*	180
185	58.9	299.4	111,700*		174,800*	57,800	219,000*	121,300	260,600*	185
190	57.9	296.2	104,300*		167,000*	51,800	210,000*	113,500	250,700*	190
195	56.9	292.9	97,300*		159,600*	46,100	201,500*	106,100	241,400*	195
200	55.9	289.5	90,700*		152,500*	40,600	193,400*	99,100	232,500*	200
205	54.9	286.0	84,400*		145,800*	35,500	185,700*	92,400	224,000*	205
210	53.8	282.3	78,400*		139,500*	30,600	178,400*	86,100	215,900*	210
215	52.8	278.5	72,600*		133,400*	25,900	171,300*	80,000	208,200*	215
220	51.7	274.5	67,100*		127,600*	21,400	164,700*	74,300	200,800*	220
225	50.6	270.3	61,900*		122,000*	17,200	158,300*	68,700	193,800*	225
230	49.5	266.0	56,900*		116,700*	13,100	152,100*	63,500	187,000*	230
240	47.2	256.9	47,500*		106,700*	5,400	140,700*	53,600	174,300*	240
250	44.8	247.0	38,800*		97,500*		130,100*	44,500	162,600*	250
260	42.4	236.2			88,900*		120,300*	36,100	151,600*	260
270	39.8	224.4			81,000*		111,200*	28,300	141,300*	270
280	37.0	211.4			73,500*		102,700*	21,000	131,800*	280
290	34.0	197.0			64,900*		94,800*	14,200	122,900*	290
300	30.8	180.8			56,900*		87,400*	7,700	114,500*	300
310	27.3	162.2			49,300*		80,400*	1,600	106,600*	310

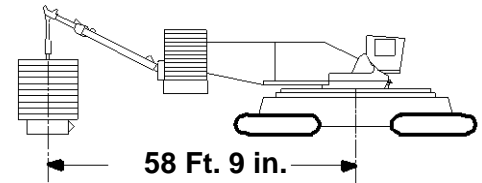


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



340 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.4	346.9							55
60	81.6	346.2							60
65	80.7	345.3							65
70	79.9	344.4							70
75	79.0	343.4							75
80	78.1	342.3	696,400	830,200*					80
85	77.3	341.1	639,800	776,200*					85
90	76.4	339.9	590,400	728,100*					90
95	75.5	338.6	546,700	684,800*					95
100	74.7	337.2	507,800	645,800*					100
105	73.8	335.7	473,000	610,500*					105
110	72.9	334.1	441,600	578,200*					110
115	72.0	332.5	413,200	548,700*	519,600	612,000*			115
120	71.1	330.7	387,400	521,600*	488,900	582,400*			120
125	70.2	328.9	363,800	496,600*	460,900	555,000*			125
130	69.3	327.0	342,100	473,500*	435,200	529,700*			130
135	68.4	325.0	322,200	452,100*	411,500	506,200*			135
140	67.5	322.9	303,800	432,100*	389,600	484,300*			140
145	66.6	320.7	286,700	413,500*	369,400	464,000*			145
150	65.7	318.4	270,800	396,200*	350,500	444,900*			150
155	64.7	316.0	256,100	379,900*	333,000	427,100*			155
160	63.8	313.5	242,300	364,600*	316,600	410,400*			160
165	62.8	310.9	229,300	350,200*	301,300	394,600*			165
170	61.9	308.2	217,200	336,600*	286,900	379,800*	356,600	422,900*	170
175	60.9	305.4	205,800	323,800*	273,300	365,800*	340,900	407,700*	175
180	59.9	302.4	195,000	311,700*	260,600	352,500*	326,200	393,300*	180
185	58.9	299.4	184,900	300,300*	248,500	339,900*	312,300	379,600*	185
190	57.9	296.2	175,300	289,400*	237,200	328,000*	299,100	366,700*	190
195	56.9	292.9	166,200	279,100*	226,400	316,700*	286,600	354,400*	195
200	55.9	289.5	157,600	269,200*	216,200	306,000*	274,800	342,700*	200
205	54.9	286.0	149,400	259,900*	206,500	295,700*	263,600	331,600*	205
210	53.8	282.3	141,600	250,900*	197,200	286,000*	252,900	321,000*	210
215	52.8	278.5	134,200	242,400*	188,500	276,600*	242,800	310,800*	215
220	51.7	274.5	127,100	234,300*	180,100	267,700*	233,100	301,100*	220
225	50.6	270.3	120,400	226,500*	172,100	259,200*	223,800	291,900*	225
230	49.5	266.0	113,900	219,000*	164,400	251,000*	215,000	283,000*	230
240	47.2	256.9	101,800	205,000*	150,100	235,700*	198,400	266,300*	240
250	44.8	247.0	90,700	192,100*	136,900	221,500*	183,200	251,000*	250
260	42.4	236.2	80,400	180,100*	124,700	208,400*	169,100	236,700*	260
270	39.8	224.4	70,800	168,900*	113,500	196,200*	156,100	223,500*	270
280	37.0	211.4	61,900	158,600*	102,900	184,900*	144,000	211,200*	280
290	34.0	197.0	53,600	148,900*	93,100	174,300*	132,700	198,300*	290
300	30.8	180.8	45,800	139,800*	83,900	164,400*	122,000	179,900*	300
310	27.3	162.2	38,400	131,200*	75,200	152,800*	112,000	162,300*	310

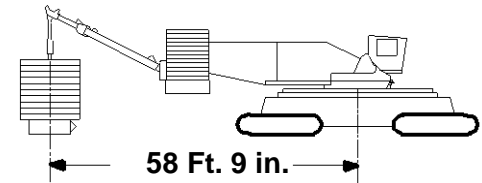


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



360 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Hanging Counterweight	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.9	367.1	666,700*	422,700	848,600*	672,000	851,700*			55
60	82.0	366.4	603,900*	364,800	771,300*	589,200	851,700*			60
65	81.2	365.6	546,400*	317,400	705,500*	521,300	815,800*	725,400	851,700*	65
70	80.4	364.7	497,400*	277,900	648,700*	464,700	751,400*	651,800	851,700*	70
75	79.6	363.8	455,100*	244,400	599,300*	416,900	695,400*	589,500	791,400*	75
80	78.8	362.8	418,200*	215,700	555,800*	375,800	646,100*	536,000	736,300*	80
85	78.0	361.7	385,800*	190,800	517,400*	340,200	602,400*	489,700	687,500*	85
90	77.2	360.5	357,100*	169,000	483,000*	309,000	563,500*	449,100	643,900*	90
95	76.4	359.3	331,500*	149,800	452,200*	281,500	528,500*	413,300	604,900*	95
100	75.5	358.0	308,400*	132,700	424,400*	257,000	497,000*	381,500	569,600*	100
105	74.7	356.6	287,700*	117,300	398,200*	235,100	468,300*	353,000	537,600*	105
110	73.9	355.1	268,800*	103,500	374,300*	215,400	442,300*	327,300	508,400*	110
115	73.1	353.5	251,600*	91,000	352,400*	197,500	418,400*	304,100	481,700*	115
120	72.2	351.9	235,900*	79,600	332,400*	181,200	396,500*	282,900	457,200*	120
125	71.4	350.2	221,400*	69,200	314,000*	166,400	376,200*	263,600	434,600*	125
130	70.5	348.4	208,100*	59,700	297,000*	152,700	357,500*	245,900	413,700*	130
135	69.7	346.5	195,700*	50,900	281,300*	140,200	340,200*	229,600	394,300*	135
140	68.8	344.5	184,300*	42,700	266,700*	128,600	324,100*	214,600	376,300*	140
145	68.0	342.5	173,600*	35,200	253,200*	117,900	309,000*	200,600	359,400*	145
150	67.1	340.3	163,700*	28,200	240,600*	107,900	294,900*	187,700	343,700*	150
155	66.2	338.1	154,400*	21,600	228,700*	98,600	281,700*	175,600	329,000*	155
160	65.3	335.8	145,700*	15,500	217,700*	89,900	268,900*	164,300	315,200*	160
165	64.5	333.4	137,500*	9,800	207,300*	81,700	256,900*	153,700	302,200*	165
170	63.6	330.8	129,800*	4,400	197,500*	74,100	245,700*	143,800	289,900*	170
175	62.7	328.2	122,500*		188,300*	66,900	235,100*	134,500	278,300*	175
180	61.8	325.5	115,200*		179,600*	60,100	225,000*	125,700	267,400*	180
185	60.9	322.7	107,400*		171,300*	53,700	215,500*	117,400	257,000*	185
190	59.9	319.8	100,000*		163,500*	47,700	206,600*	109,600	247,100*	190
195	59.0	316.7	93,000*		156,100*	41,900	198,000*	102,200	237,800*	195
200	58.1	313.6	86,400*		149,100*	36,500	189,900*	95,100	228,900*	200
205	57.1	310.3	80,100*		142,400*	31,300	182,200*	88,400	220,400*	205
210	56.2	306.9	74,000*		136,000*	26,400	174,900*	82,100	212,400*	210
215	55.2	303.4	68,300*		129,900*	21,700	167,900*	76,000	204,700*	215
220	54.2	299.8	62,800*		124,100*	17,300	161,200*	70,200	197,300*	220
225	53.2	296.0	57,600*		118,500*	13,000	154,800*	64,700	190,200*	225
230	52.2	292.1	52,500*		113,200*	8,900	148,700*	59,400	183,500*	230
240	50.1	283.8	43,100*		103,200*		137,200*	49,500	170,800*	240
250	48.0	274.9			94,000*		126,600*	40,400	159,100*	250
260	45.8	265.3			85,500*		116,900*	32,000	148,200*	260
270	43.5	254.9			77,600*		107,800*	24,200	138,000*	270
280	41.1	243.7			69,400*		99,400*	17,000	128,400*	280
290	38.6	231.4			60,800*		91,500*	10,200	119,500*	290
300	35.9	217.8			52,800*		84,100*	3,800	111,200*	300
310	33.0	202.9			45,300*		77,200*		103,400*	310
320	29.9	186.0			38,200*		70,600*		96,000*	320
330	26.5	166.8					64,400*		89,100*	330

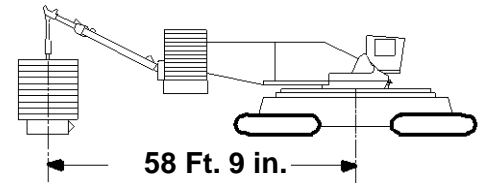


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



360 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
55	82.9	367.1							55
60	82.0	366.4							60
65	81.2	365.6							65
70	80.4	364.7							70
75	79.6	363.8							75
80	78.8	362.8	696,400	826,500*					80
85	78.0	361.7	639,300	772,500*					85
90	77.2	360.5	589,400	724,400*					90
95	76.4	359.3	545,300	681,200*					95
100	75.5	358.0	506,100	642,200*					100
105	74.7	356.6	471,000	606,800*					105
110	73.9	355.1	439,400	574,600*					110
115	73.1	353.5	410,800	545,100*					115
120	72.2	351.9	384,800	517,900*	486,700	578,700*			120
125	71.4	350.2	361,000	493,000*	458,500	551,300*			125
130	70.5	348.4	339,200	469,900*	432,600	526,000*			130
135	69.7	346.5	319,200	448,400*	408,800	502,500*			135
140	68.8	344.5	300,600	428,500*	386,800	480,700*			140
145	68.0	342.5	283,500	409,900*	366,400	460,300*			145
150	67.1	340.3	267,500	392,500*	347,500	441,300*			150
155	66.2	338.1	252,700	376,200*	329,800	423,500*			155
160	65.3	335.8	238,800	360,900*	313,400	406,700*			160
165	64.5	333.4	225,800	346,600*	297,900	391,000*			165
170	63.6	330.8	213,600	333,000*	283,500	376,100*	353,400	419,300*	170
175	62.7	328.2	202,200	320,200*	269,900	362,100*	337,700	404,100*	175
180	61.8	325.5	191,400	308,100*	257,100	348,900*	322,900	389,700*	180
185	60.9	322.7	181,200	296,700*	245,000	336,300*	308,900	376,000*	185
190	59.9	319.8	171,500	285,800*	233,600	324,400*	295,700	363,100*	190
195	59.0	316.7	162,400	275,500*	222,800	313,100*	283,200	350,800*	195
200	58.1	313.6	153,800	265,600*	212,500	302,400*	271,300	339,100*	200
205	57.1	310.3	145,600	256,300*	202,800	292,100*	260,100	328,000*	205
210	56.2	306.9	137,800	247,400*	193,500	282,400*	249,400	317,400*	210
215	55.2	303.4	130,300	238,900*	184,700	273,100*	239,200	307,300*	215
220	54.2	299.8	123,200	230,700*	176,300	264,200*	229,500	297,600*	220
225	53.2	296.0	116,500	222,900*	168,300	255,600*	220,200	288,300*	225
230	52.2	292.1	110,000	215,500*	160,600	247,500*	211,300	279,500*	230
240	50.1	283.8	97,900	201,500*	146,300	232,100*	194,700	262,800*	240
250	48.0	274.9	86,700	188,500*	133,100	218,000*	179,500	247,500*	250
260	45.8	265.3	76,400	176,600*	120,900	204,900*	165,400	233,300*	260
270	43.5	254.9	66,900	165,500*	109,600	192,800*	152,400	220,100*	270
280	41.1	243.7	58,000	155,100*	99,200	181,500*	140,300	207,800*	280
290	38.6	231.4	49,700	145,500*	89,400	170,900*	129,000	196,300*	290
300	35.9	217.8	42,000	136,400*	80,200	161,000*	118,500	185,600*	300
310	33.0	202.9	34,700	127,900*	71,600	151,700*	108,600	170,600*	310
320	29.9	186.0	27,800	119,900*	63,500	143,000*	99,200	154,200*	320
330	26.5	166.8	21,200	112,300*	55,800	129,400*	90,300	138,300*	330

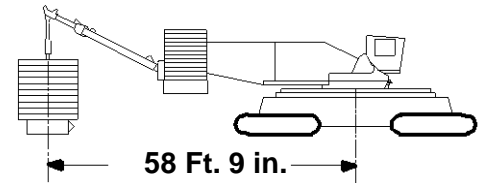


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
 Requirements

21000
MAX-ER



380 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	247,300 Lb. Hanging Counterweight		423,300 Lb. Hanging Counterweight		599,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
60	82.5	386.6	363,500	753,000*	589,800	753,000*			60
65	81.7	385.9	315,300	700,700*	520,800	753,000*			65
70	80.9	385.0	275,100	643,900*	463,300	746,600*	651,700	753,000*	70
75	80.2	384.1	241,100	594,400*	414,700	690,500*	588,500	753,000*	75
80	79.4	383.2	212,000	550,900*	373,100	641,200*	534,300	731,400*	80
85	78.6	382.2	186,800	512,400*	337,000	597,500*	487,400	682,600*	85
90	77.9	381.1	164,700	478,100*	305,400	558,500*	446,300	639,000*	90
95	77.1	379.9	145,200	447,200*	277,600	523,600*	410,100	599,900*	95
100	76.3	378.6	127,900	419,400*	252,800	492,000*	377,900	564,600*	100
105	75.5	377.3	112,300	393,600*	230,700	463,400*	349,100	532,600*	105
110	74.8	375.9	98,400	369,500*	210,700	437,300*	323,200	503,400*	110
115	74.0	374.5	85,700	347,600*	192,700	413,400*	299,800	476,700*	115
120	73.2	372.9	74,200	327,600*	176,300	391,500*	278,500	452,200*	120
125	72.4	371.3	63,700	309,200*	161,300	371,200*	259,000	429,600*	125
130	71.6	369.6	54,100	292,200*	147,600	352,500*	241,100	408,700*	130
135	70.8	367.8	45,200	276,500*	134,900	335,200*	224,700	389,300*	135
140	70.0	366.0	37,000	261,900*	123,200	319,000*	209,500	371,200*	140
145	69.2	364.1	29,400	248,400*	112,400	304,000*	195,500	354,400*	145
150	68.4	362.1	22,300	235,700*	102,300	289,900*	182,400	338,700*	150
155	67.6	360.0	15,800	223,900*	93,000	276,700*	170,200	324,000*	155
160	66.7	357.8	9,600	212,800*	84,200	264,100*	158,900	310,100*	160
165	65.9	355.5	3,800	202,400*	76,000	252,100*	148,200	297,100*	165
170	65.1	353.2		192,600*	68,300	240,800*	138,300	284,900*	170
175	64.2	350.7		183,400*	61,100	230,200*	128,900	273,300*	175
180	63.4	348.2		174,700*	54,300	220,200*	120,100	262,300*	180
185	62.5	345.6		166,400*	47,800	210,700*	111,700	252,000*	185
190	61.7	342.8		158,600*	41,700	201,700*	103,800	242,100*	190
195	60.8	340.0		151,200*	36,000	193,200*	96,400	232,800*	195
200	59.9	337.1		144,200*	30,500	185,000*	89,300	223,900*	200
205	59.1	334.1		137,500*	25,300	177,300*	82,600	215,400*	205
210	58.2	330.9		131,100*	20,400	170,000*	76,200	207,300*	210
215	57.3	327.7		125,000*	15,700	163,000*	70,100	199,600*	215
220	56.4	324.3		119,200*	11,200	156,300*	64,300	192,300*	220
225	55.4	320.8		113,600*	6,900	149,900*	58,800	185,200*	225
230	54.5	317.3		108,300*	2,800	143,800*	53,500	178,500*	230
240	52.6	309.7		98,300*		132,300*	43,500	165,800*	240
250	50.7	301.6		89,200*		121,800*	34,400	154,100*	250
260	48.7	292.9		80,600*		112,000*	26,000	143,300*	260
270	46.6	283.5		72,300*		102,900*	18,200	133,100*	270
280	44.5	273.5		63,200*		94,500*	10,900	123,600*	280
290	42.3	262.6		54,700*		86,600*	4,100	114,700*	290
300	39.9	250.9		46,700*		79,300*		106,400*	300
310	37.5	238.1		39,200*		72,400*		98,600*	310
320	34.9	224.1				65,900*		91,300*	320
330	32.1	208.6				59,700*		84,400*	330
340	29.1	191.2				52,600*		77,800*	340

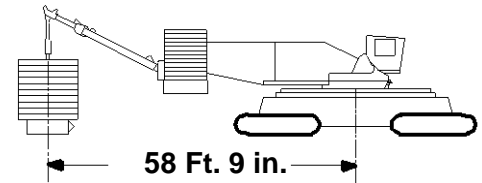


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
458,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,127,300 Lb. Hanging Counterweight
at 58 Ft. 9 in. Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



380 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	775,300 Lb. Hanging Counterweight		951,300 Lb. Hanging Counterweight		1,127,300 Lb. Hanging Counterweight		Oper. Rad. Feet
			Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	Minimum Boom Capacity To Swing and Travel Pounds	Boom Capacity Pounds	
60	82.5	386.6							60
65	81.7	385.9							65
70	80.9	385.0							70
75	80.2	384.1							75
80	79.4	383.2							80
85	78.6	382.2	637,900	753,000*					85
90	77.9	381.1	587,400	719,500*					90
95	77.1	379.9	542,800	676,200*					95
100	76.3	378.6	503,200	637,200*					100
105	75.5	377.3	467,700	601,800*					105
110	74.8	375.9	435,800	569,600*					110
115	74.0	374.5	407,000	540,100*					115
120	73.2	372.9	380,700	512,900*	483,100	573,700*			120
125	72.4	371.3	356,800	488,000*	454,700	546,300*			125
130	71.6	369.6	334,800	464,800*	428,600	521,000*			130
135	70.8	367.8	314,600	443,400*	404,600	497,500*			135
140	70.0	366.0	295,900	423,500*	382,400	475,700*			140
145	69.2	364.1	278,600	404,900*	361,900	455,300*			145
150	68.4	362.1	262,600	387,500*	342,800	436,300*			150
155	67.6	360.0	247,600	371,200*	325,100	418,400*			155
160	66.7	357.8	233,600	355,900*	308,500	401,700*			160
165	65.9	355.5	220,600	341,500*	293,000	386,000*	365,400	430,400*	165
170	65.1	353.2	208,300	328,000*	278,400	371,100*	348,600	414,200*	170
175	64.2	350.7	196,800	315,200*	264,700	357,100*	332,800	399,000*	175
180	63.4	348.2	185,900	303,100*	251,900	343,900*	317,900	384,600*	180
185	62.5	345.6	175,700	291,600*	239,700	331,300*	303,800	371,000*	185
190	61.7	342.8	166,000	280,800*	228,200	319,400*	290,500	358,100*	190
195	60.8	340.0	156,800	270,400*	217,400	308,100*	278,000	345,800*	195
200	59.9	337.1	148,200	260,600*	207,100	297,400*	266,100	334,100*	200
205	59.1	334.1	139,900	251,300*	197,300	287,100*	254,800	323,000*	205
210	58.2	330.9	132,100	242,400*	188,000	277,400*	244,000	312,400*	210
215	57.3	327.7	124,600	233,800*	179,200	268,000*	233,800	302,200*	215
220	56.4	324.3	117,500	225,700*	170,700	259,100*	224,000	292,600*	220
225	55.4	320.8	110,700	217,900*	162,700	250,600*	214,700	283,300*	225
230	54.5	317.3	104,200	210,500*	155,000	242,500*	205,800	274,500*	230
240	52.6	309.7	92,000	196,500*	140,600	227,100*	189,200	257,800*	240
250	50.7	301.6	80,900	183,600*	127,300	213,000*	173,900	242,500*	250
260	48.7	292.9	70,500	171,600*	115,100	199,900*	159,800	228,300*	260
270	46.6	283.5	61,000	160,500*	103,800	187,800*	146,700	215,100*	270
280	44.5	273.5	52,100	150,200*	93,400	176,500*	134,600	202,800*	280
290	42.3	262.6	43,800	140,500*	83,600	166,000*	123,300	191,400*	290
300	39.9	250.9	36,100	131,500*	74,400	156,100*	112,800	180,700*	300
310	37.5	238.1	28,800	123,000*	65,800	146,800*	102,900	170,600*	310
320	34.9	224.1	22,000	115,000*	57,800	138,100*	93,600	159,000*	320
330	32.1	208.6	15,500	107,500*	50,100	129,900*	84,800	143,600*	330
340	29.1	191.2	9,400	100,400*	42,900	120,000*	76,500	128,800*	340