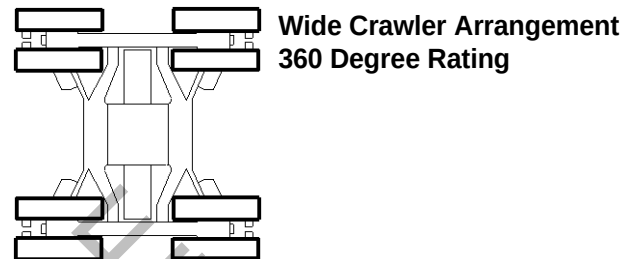
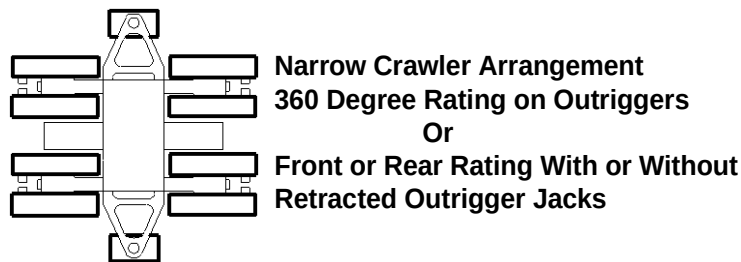
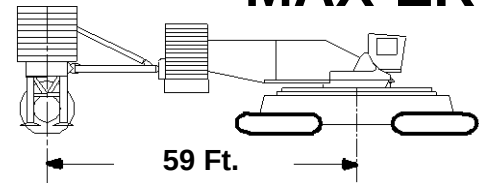


Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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.**

Wheeled counterweight must be attached to shear frame and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels. Refer to operators manual for wheel positioning. Exit MAX-ER mode before operating without wheeled 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-B**.

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.

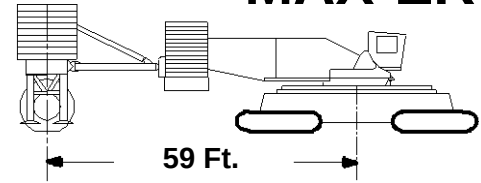
Wide Crawler Arrangement: Wide crawler arrangement (47 Ft. 6 in.) travel allowed with 360 degree rating.

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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,

494,700 Lb. crane counterweight, two 53,500 Lb. and two 46,500 Lb. carbody counterweights and wheeled counterweight as specified.

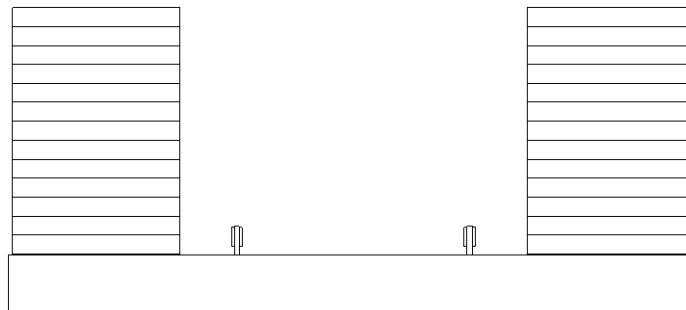
Warning: Front carbody platform must be removed when raising or lowering boom.

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. Wheeled Counterweight	
Over End of Blocked Crawlers	Over End of Unblocked Crawlers
360 Ft.	340 Ft.
With 244,000 Lb. - 1,124,000 Lb. Wheeled 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 wheeled counterweight on machine before use of this chart. Refer to Counterweight Assemblies.



494,700 Lb. Crane Counterweight
26 Side Boxes

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

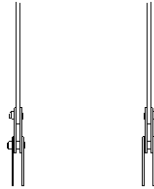
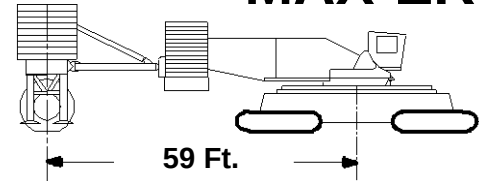
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position

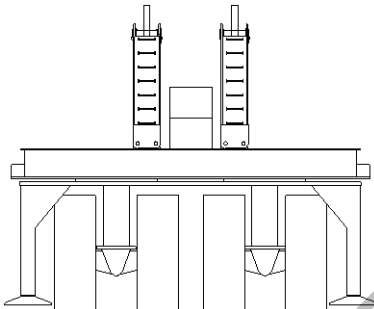
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

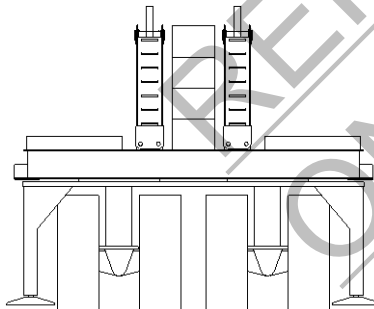
**21000
MAX-ER**



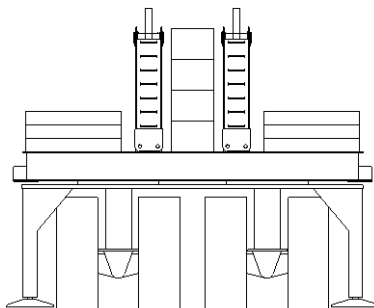
0 Lb. Wheeled Counterweight
(without shear frame)



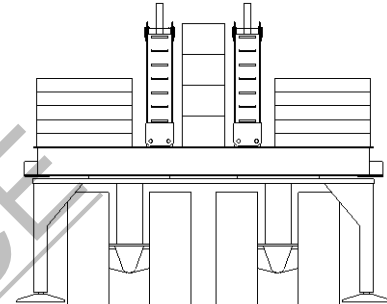
244,000 Lb. Wheeled Counterweight
2 Center Boxes



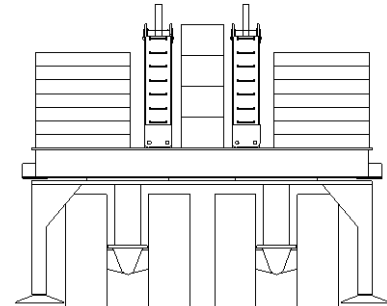
420,000 Lb. Wheeled Counterweight
2 Side Boxes - 4 Center Boxes



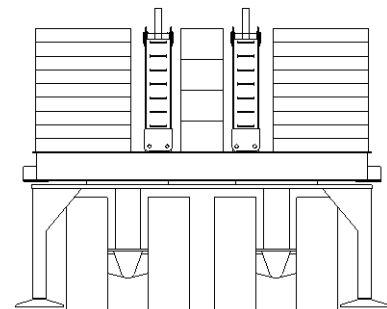
596,000 Lb. Wheeled Counterweight
6 Side Boxes - 4 Center Boxes



772,000 Lb. Wheeled Counterweight
10 Side Boxes - 4 Center Boxes



948,000 Lb. Wheeled Counterweight
14 Side Boxes - 4 Center Boxes



1,124,000 Lb. Wheeled Counterweight
18 Side Boxes - 4 Center Boxes

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

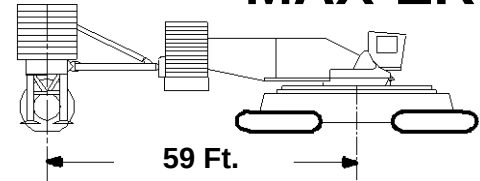
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



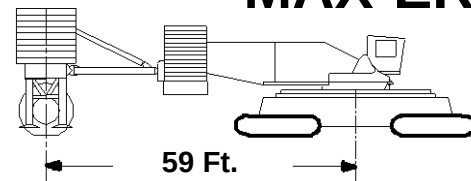
140 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
28	82.7	148.8	1,401,100*	1,754,600*	1,998,000*	2,000,000*	2,000,000*	2,000,000*	2,000,000*	28
30	81.9	148.4	1,310,100*	1,641,800*	1,870,100*	2,000,000*	2,000,000*	2,000,000*	2,000,000*	30
32	81.0	148.1	1,229,700*	1,542,100*	1,757,200*	1,972,800*	2,000,000*	2,000,000*	2,000,000*	32
34	80.2	147.7	1,158,000*	1,453,300*	1,656,600*	1,860,400*	2,000,000*	2,000,000*	2,000,000*	34
36	79.4	147.3	1,093,900*	1,373,700*	1,566,400*	1,759,600*	1,952,200*	2,000,000*	2,000,000*	36
38	78.5	146.8	1,036,000*	1,302,100*	1,485,200*	1,668,900*	1,851,900*	2,000,000*	2,000,000*	38
40	77.7	146.3	983,700*	1,237,100*	1,411,700*	1,586,700*	1,761,100*	1,935,000*	2,000,000*	40
45	75.6	144.9	872,000*	1,098,800*	1,254,900*	1,411,400*	1,567,500*	1,723,000*	1,878,100*	45
50	73.4	143.4	781,600*	986,700*	1,128,000*	1,269,600*	1,410,800*	1,551,500*	1,691,800*	50
55	71.3	141.6	706,900*	894,200*	1,023,200*	1,152,400*	1,281,300*	1,409,800*	1,537,900*	55
60	69.1	139.6	640,600*	816,500*	935,100*	1,054,000*	1,172,600*	1,290,700*	1,408,600*	60
65	66.8	137.4	583,300*	750,200*	860,100*	970,100*	1,079,900*	1,189,300*	1,298,400*	65
70	64.5	134.9	534,500*	693,100*	795,300*	897,800*	1,000,000*	1,101,900*	1,203,400*	70
75	62.2	132.2	492,400*	643,300*	739,000*	834,900*	930,400*	1,025,700*	1,120,700*	75
80	59.8	129.2	455,600*	599,600*	689,400*	779,500*	869,300*	958,800*	1,048,000*	80
85	57.4	125.9	423,300*	560,800*	645,500*	730,400*	815,100*	899,500*	983,600*	85
90	54.9	122.3	394,700*	526,200*	606,300*	686,600*	766,700*	846,500*	926,100*	90
95	52.3	118.4	369,100*	495,100*	571,100*	647,300*	723,300*	799,000*	874,500*	95
100	49.5	114.0	346,100*	465,800*	539,400*	611,800*	684,100*	756,100*	827,900*	100
105	46.7	109.3	325,300*	439,200*	510,500*	579,600*	648,500*	717,200*	785,700*	105
110	43.7	104.0	306,500*	415,000*	484,200*	550,200*	616,100*	681,700*	733,200*	110
115	40.6	98.1	289,200*	393,000*	460,100*	523,300*	586,400*	649,200*	684,400*	115
120	37.2	91.4	273,400*	372,800*	437,900*	498,600*	559,000*	617,700*	639,000*	120
125	33.5	83.9	258,900*	354,200*	417,500*	475,700*	533,800*	576,300*	596,400*	125
130	29.3	75.0	245,400*	337,000*	398,500*	454,600*	510,400*	536,700*	555,600*	130

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
30	82.9	168.7	1,304,200*	1,635,900*	1,864,300*	2,000,000*	2,000,000*	2,000,000*	2,000,000*	30
32	82.2	168.4	1,223,900*	1,536,300*	1,751,400*	1,967,000*	2,000,000*	2,000,000*	2,000,000*	32
34	81.4	168.0	1,152,300*	1,447,600*	1,650,900*	1,854,700*	2,000,000*	2,000,000*	2,000,000*	34
36	80.7	167.7	1,088,200*	1,368,100*	1,560,800*	1,754,000*	1,946,600*	2,000,000*	2,000,000*	36
38	80.0	167.3	1,030,400*	1,296,500*	1,479,600*	1,663,300*	1,846,400*	2,000,000*	2,000,000*	38
40	79.3	166.8	978,100*	1,231,600*	1,406,100*	1,581,100*	1,755,600*	1,929,500*	2,000,000*	40
45	77.4	165.7	866,600*	1,093,300*	1,249,500*	1,406,000*	1,562,100*	1,717,600*	1,872,700*	45
50	75.6	164.3	776,300*	981,400*	1,122,700*	1,264,300*	1,405,400*	1,546,200*	1,686,500*	50
55	73.7	162.8	701,700*	889,000*	1,017,900*	1,147,200*	1,276,100*	1,404,500*	1,532,600*	55
60	71.8	161.1	635,900*	811,300*	929,900*	1,048,800*	1,167,400*	1,285,600*	1,403,400*	60
65	69.9	159.2	578,700*	745,100*	854,900*	965,000*	1,074,800*	1,184,200*	1,293,300*	65
70	67.9	157.1	529,900*	688,100*	790,300*	892,800*	995,000*	1,096,800*	1,198,400*	70
75	66.0	154.8	487,800*	638,300*	734,000*	829,900*	925,400*	1,020,700*	1,115,700*	75
80	64.0	152.3	451,100*	594,600*	684,500*	774,500*	864,300*	953,800*	1,043,100*	80
85	61.9	149.5	418,800*	555,900*	640,600*	725,500*	810,200*	894,600*	978,700*	85
90	59.8	146.5	390,200*	521,400*	601,500*	681,800*	761,900*	841,700*	921,300*	90
95	57.7	143.3	364,600*	490,300*	566,300*	642,500*	718,500*	794,200*	869,700*	95
100	55.5	139.8	341,700*	461,400*	534,600*	607,100*	679,300*	751,400*	823,200*	100
105	53.3	136.0	320,900*	434,800*	505,800*	574,900*	643,800*	712,500*	780,900*	105
110	51.0	131.9	302,100*	410,700*	479,600*	545,600*	611,400*	677,000*	742,500*	110
115	48.6	127.4	284,900*	388,700*	455,500*	518,700*	581,800*	644,600*	707,200*	115
120	46.1	122.5	269,200*	368,500*	433,400*	494,100*	554,500*	614,800*	674,900*	120
125	43.4	117.2	254,700*	350,000*	413,000*	471,300*	529,400*	587,300*	645,000*	125
130	40.7	111.3	241,300*	332,900*	394,200*	450,200*	506,100*	561,800*	608,200*	130
135	37.7	104.8	228,900*	317,100*	376,700*	430,700*	484,500*	538,200*	571,300*	135
140	34.6	97.5	217,400*	302,300*	360,300*	412,400*	464,400*	516,200*	536,500*	140
145	31.1	89.3	206,700*	288,600*	345,000*	395,400*	445,600*	485,600*	503,200*	145
150	27.3	79.7	196,600*	275,800*	330,300*	379,500*	428,000*	454,300*	471,000*	150

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

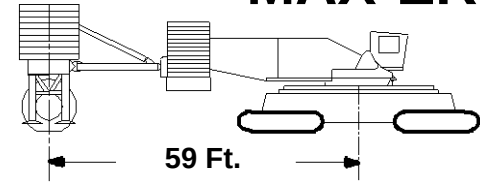
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



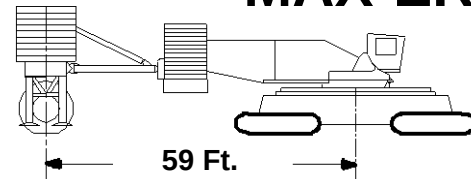
180 Ft. Boom

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
34	82.4	188.3	1,148,600*	1,443,800*	1,647,100*	1,850,900*	1,941,300*	1,941,300*	1,941,300*	34
36	81.8	188.0	1,084,500*	1,364,400*	1,557,100*	1,750,300*	1,941,300*	1,941,300*	1,941,300*	36
38	81.1	187.6	1,026,800*	1,292,800*	1,476,000*	1,659,600*	1,842,700*	1,941,300*	1,941,300*	38
40	80.5	187.3	974,500*	1,228,000*	1,402,500*	1,577,500*	1,751,900*	1,925,800*	1,941,300*	40
45	78.8	186.2	863,000*	1,089,800*	1,245,900*	1,402,400*	1,558,500*	1,714,000*	1,869,100*	45
50	77.2	185.0	772,700*	977,900*	1,119,100*	1,260,700*	1,401,900*	1,542,600*	1,682,900*	50
55	75.6	183.7	698,200*	885,500*	1,014,400*	1,143,700*	1,272,600*	1,401,000*	1,529,100*	55
60	73.9	182.2	632,700*	807,800*	926,400*	1,045,400*	1,163,900*	1,282,100*	1,399,900*	60
65	72.2	180.5	575,400*	741,700*	851,500*	961,600*	1,071,400*	1,180,800*	1,289,900*	65
70	70.5	178.7	526,600*	684,600*	786,900*	889,400*	991,600*	1,093,400*	1,195,000*	70
75	68.8	176.7	484,500*	635,000*	730,600*	826,500*	922,100*	1,017,300*	1,112,300*	75
80	67.1	174.5	447,800*	591,300*	681,100*	771,200*	861,000*	950,500*	1,039,700*	80
85	65.3	172.1	415,600*	552,600*	637,300*	722,200*	806,800*	891,200*	975,400*	85
90	63.5	169.6	387,000*	518,100*	598,200*	678,500*	758,600*	838,400*	918,000*	90
95	61.7	166.8	361,400*	487,000*	563,100*	639,200*	715,200*	790,900*	866,400*	95
100	59.9	163.9	338,500*	458,200*	531,400*	603,800*	676,100*	748,100*	819,900*	100
105	58.0	160.7	317,800*	431,700*	502,600*	571,700*	640,600*	709,300*	777,700*	105
110	56.0	157.3	299,000*	407,600*	476,400*	542,400*	608,200*	673,800*	739,300*	110
115	54.1	153.6	281,800*	385,600*	452,400*	515,600*	578,600*	641,400*	704,100*	115
120	52.0	149.6	266,100*	365,500*	430,300*	490,900*	551,400*	611,600*	671,700*	120
125	49.9	145.3	251,700*	347,000*	409,900*	468,200*	526,300*	584,200*	641,900*	125
130	47.8	140.7	238,400*	329,900*	391,100*	447,200*	503,100*	558,800*	614,300*	130
135	45.5	135.8	226,000*	314,100*	373,600*	427,700*	481,500*	535,200*	588,700*	135
140	43.2	130.4	214,500*	299,500*	357,400*	409,500*	461,500*	513,300*	564,900*	140
145	40.8	124.5	203,900*	285,800*	342,200*	392,500*	442,700*	492,800*	542,700*	145
150	38.2	118.2	193,900*	273,100*	327,500*	376,700*	425,200*	473,600*	514,300*	150
155	35.4	111.1	184,500*	261,100*	313,800*	361,800*	408,800*	455,700*	485,300*	155
160	32.5	103.2	175,800*	249,900*	300,900*	347,800*	393,400*	438,800*	457,600*	160
165	29.2	94.4	167,500*	239,300*	288,800*	334,600*	378,800*	415,100*	430,800*	165

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
36	82.6	208.2	1,081,000*	1,360,900*	1,553,600*	1,746,800*	1,863,900*	1,863,900*	1,863,900*	36
38	82.0	207.9	1,023,200*	1,289,200*	1,472,400*	1,656,000*	1,839,100*	1,863,900*	1,863,900*	38
40	81.4	207.6	970,800*	1,224,300*	1,398,800*	1,573,800*	1,748,200*	1,863,900*	1,863,900*	40
45	80.0	206.6	859,100*	1,085,900*	1,242,000*	1,398,600*	1,554,600*	1,710,200*	1,863,900*	45
50	78.5	205.6	768,800*	973,900*	1,115,100*	1,256,700*	1,397,900*	1,538,600*	1,678,900*	50
55	77.0	204.4	694,100*	881,400*	1,010,300*	1,139,600*	1,268,500*	1,396,900*	1,525,000*	55
60	75.6	203.0	629,000*	803,600*	922,300*	1,041,200*	1,159,700*	1,277,900*	1,395,700*	60
65	74.1	201.6	571,700*	737,400*	847,200*	957,300*	1,067,100*	1,176,500*	1,285,600*	65
70	72.6	199.9	522,800*	680,300*	782,600*	885,100*	987,200*	1,089,100*	1,190,700*	70
75	71.0	198.2	480,600*	630,600*	726,200*	822,100*	917,700*	1,013,000*	1,108,000*	75
80	69.5	196.2	443,800*	586,900*	676,700*	766,700*	856,500*	946,000*	1,035,300*	80
85	67.9	194.1	411,500*	548,100*	632,800*	717,700*	802,400*	886,800*	970,900*	85
90	66.4	191.9	382,800*	513,500*	593,700*	674,000*	754,000*	833,900*	913,400*	90
95	64.8	189.5	357,200*	482,500*	558,500*	634,700*	710,700*	786,400*	861,900*	95
100	63.2	186.9	334,200*	454,000*	526,800*	599,300*	671,500*	743,500*	815,300*	100
105	61.5	184.1	313,500*	427,400*	498,000*	567,100*	636,000*	704,700*	773,100*	105
110	59.9	181.2	294,600*	403,200*	471,700*	537,800*	603,600*	669,200*	734,600*	110
115	58.2	178.0	277,500*	381,200*	447,700*	510,900*	574,000*	636,800*	699,400*	115
120	56.5	174.7	261,700*	361,100*	425,600*	486,300*	546,700*	607,000*	667,100*	120
125	54.7	171.1	247,300*	342,600*	405,300*	463,500*	521,600*	579,500*	637,200*	125
130	52.9	167.2	233,900*	325,500*	386,500*	442,500*	498,400*	554,100*	609,600*	130
135	51.0	163.1	221,600*	309,700*	369,000*	423,000*	476,800*	530,500*	584,000*	135
140	49.1	158.7	210,100*	295,000*	352,700*	404,800*	456,800*	508,600*	560,200*	140
145	47.2	154.1	199,400*	281,300*	337,500*	387,900*	438,100*	488,100*	538,000*	145
150	45.1	149.0	189,400*	268,600*	323,100*	372,000*	420,600*	469,000*	517,200*	150
155	43.0	143.6	180,100*	256,700*	309,400*	357,200*	404,200*	451,100*	497,800*	155
160	40.8	137.8	171,300*	245,500*	296,500*	343,200*	388,800*	434,200*	479,500*	160
165	38.5	131.5	163,100*	235,000*	284,400*	330,100*	374,300*	418,300*	462,300*	165
170	36.1	124.6	155,300*	225,000*	273,000*	317,700*	360,600*	403,400*	438,300*	170
175	33.5	117.0	147,600*	215,700*	262,300*	306,000*	347,700*	389,200*	414,700*	175
180	30.7	108.6	139,400*	206,800*	252,100*	294,900*	335,400*	375,900*	392,000*	180
185	27.6	99.2	131,700*	198,400*	242,500*	284,300*	323,800*	355,700*	369,800*	185

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

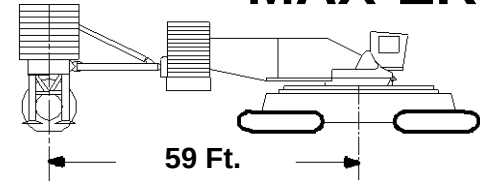
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



220 Ft. Boom

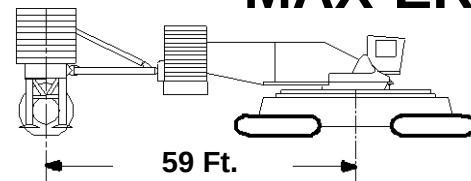
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
38	82.7	228.2	1,019,300*	1,285,300*	1,468,500*	1,652,100*	1,756,700*	1,756,700*	1,756,700*	38
40	82.2	227.9	966,800*	1,220,300*	1,394,900*	1,569,800*	1,744,300*	1,756,500*	1,756,500*	40
45	80.9	227.0	855,100*	1,081,800*	1,238,000*	1,394,500*	1,550,500*	1,706,100*	1,755,700*	45
50	79.6	226.0	764,600*	969,700*	1,111,000*	1,252,600*	1,393,700*	1,534,500*	1,674,800*	50
55	78.2	224.9	689,800*	877,100*	1,006,100*	1,135,300*	1,264,200*	1,392,700*	1,520,800*	55
60	76.9	223.7	625,300*	799,300*	917,900*	1,036,900*	1,155,400*	1,273,600*	1,391,400*	60
65	75.6	222.4	567,800*	733,000*	842,900*	953,000*	1,062,700*	1,172,100*	1,281,200*	65
70	74.2	220.9	518,800*	675,900*	778,100*	880,600*	982,800*	1,084,700*	1,186,200*	70
75	72.8	219.3	476,500*	626,100*	721,700*	817,600*	913,200*	1,008,500*	1,103,500*	75
80	71.5	217.6	439,700*	582,300*	672,200*	762,200*	852,000*	941,500*	1,030,800*	80
85	70.1	215.7	407,300*	543,600*	628,300*	713,200*	797,800*	882,200*	966,300*	85
90	68.7	213.7	378,600*	509,000*	589,100*	669,400*	749,500*	829,300*	908,900*	90
95	67.2	211.6	352,900*	477,900*	553,900*	630,100*	706,100*	781,800*	857,300*	95
100	65.8	209.3	329,900*	449,600*	522,100*	594,600*	666,900*	738,900*	810,700*	100
105	64.4	206.9	309,100*	423,000*	493,300*	562,400*	631,300*	700,000*	768,500*	105
110	62.9	204.2	290,200*	398,800*	467,100*	533,100*	598,900*	664,500*	730,000*	110
115	61.4	201.5	273,000*	376,800*	443,000*	506,200*	569,300*	632,100*	694,700*	115
120	59.9	198.5	257,300*	356,600*	420,900*	481,600*	542,000*	602,300*	662,400*	120
125	58.4	195.4	242,800*	338,100*	400,600*	458,800*	516,900*	574,800*	632,500*	125
130	56.8	192.1	229,400*	321,000*	381,700*	437,800*	493,700*	549,400*	604,900*	130
135	55.2	188.5	217,000*	305,200*	364,200*	418,300*	472,100*	525,800*	579,300*	135
140	53.6	184.8	205,600*	290,500*	348,000*	400,100*	452,100*	503,900*	555,500*	140
145	51.9	180.8	194,900*	276,800*	332,800*	383,200*	433,400*	483,400*	533,300*	145
150	50.2	176.6	184,900*	264,100*	318,500*	367,300*	415,900*	464,300*	512,500*	150
155	48.5	172.1	175,500*	252,100*	304,800*	352,500*	399,500*	446,300*	493,000*	155
160	46.7	167.4	166,800*	240,900*	292,000*	338,500*	384,100*	429,500*	474,800*	160
165	44.8	162.3	158,600*	230,400*	279,900*	325,400*	369,600*	413,600*	457,600*	165
170	42.9	156.8	150,800*	220,500*	268,500*	313,000*	355,900*	398,700*	441,400*	170
175	40.9	151.0	142,300*	211,200*	257,800*	301,300*	343,000*	384,600*	426,000*	175
180	38.8	144.8	134,100*	202,300*	247,600*	290,200*	330,800*	371,200*	411,500*	180
185	36.6	138.0	126,500*	194,000*	238,000*	279,700*	319,200*	358,600*	395,800*	185
190	34.3	130.7	119,200*	186,000*	228,900*	269,700*	308,200*	346,500*	375,400*	190
195	31.8	122.6	112,200*	178,500*	220,200*	260,300*	297,700*	335,100*	355,900*	195
200	29.2	113.7	105,600*	171,300*	212,000*	251,200*	287,800*	323,500*	336,900*	200
205	26.3	103.7	99,200*	164,400*	204,100*	242,600*	278,300*	305,300*	318,200*	205

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
40	82.9	248.1	964,600*	1,218,000*	1,392,600*	1,567,600*	1,641,600*	1,641,600*	1,641,600*	40
45	81.7	247.3	852,700*	1,079,500*	1,235,600*	1,392,200*	1,548,200*	1,637,400*	1,637,400*	45
50	80.5	246.4	762,200*	967,300*	1,108,600*	1,250,200*	1,391,400*	1,532,100*	1,628,900*	50
55	79.2	245.4	687,400*	874,700*	1,003,600*	1,132,900*	1,261,800*	1,390,300*	1,518,300*	55
60	78.0	244.3	623,300*	796,900*	915,500*	1,034,400*	1,153,000*	1,271,100*	1,389,000*	60
65	76.8	243.1	565,700*	730,600*	840,400*	950,500*	1,060,200*	1,169,700*	1,278,800*	65
70	75.5	241.8	516,700*	673,400*	775,600*	878,100*	980,300*	1,082,200*	1,183,700*	70
75	74.3	240.3	474,400*	623,600*	719,200*	815,100*	910,700*	1,006,000*	1,101,000*	75
80	73.1	238.7	437,500*	579,800*	669,600*	759,700*	849,500*	939,000*	1,028,200*	80
85	71.8	237.1	405,000*	541,000*	625,700*	710,600*	795,300*	879,700*	963,800*	85
90	70.5	235.2	376,300*	506,400*	586,500*	666,800*	746,900*	826,700*	906,300*	90
95	69.2	233.3	350,600*	475,300*	551,300*	627,500*	703,500*	779,200*	854,700*	95
100	68.0	231.2	327,600*	447,300*	519,600*	592,100*	664,300*	736,300*	808,200*	100
105	66.6	229.0	306,800*	420,700*	490,800*	559,900*	628,800*	697,400*	765,900*	105
110	65.3	226.7	287,900*	396,500*	464,500*	530,500*	596,400*	662,000*	727,400*	110
115	64.0	224.2	270,700*	374,400*	440,500*	503,700*	566,700*	629,500*	692,200*	115
120	62.6	221.6	254,900*	354,300*	418,400*	479,000*	539,400*	599,700*	659,800*	120
125	61.3	218.8	240,400*	335,700*	398,000*	456,300*	514,300*	572,200*	629,900*	125
130	59.9	215.8	227,000*	318,600*	379,200*	435,200*	491,100*	546,800*	602,300*	130
135	58.5	212.7	214,700*	302,800*	361,700*	415,700*	469,500*	523,200*	576,700*	135
140	57.1	209.4	203,200*	288,100*	345,400*	397,500*	449,500*	501,300*	552,900*	140
145	55.6	206.0	192,500*	274,400*	330,200*	380,600*	430,800*	480,800*	530,700*	145
150	54.1	202.3	182,500*	261,600*	316,000*	364,700*	413,300*	461,700*	509,900*	150
155	52.6	198.4	173,100*	249,700*	302,400*	349,900*	396,900*	443,800*	490,500*	155
160	51.1	194.4	164,400*	238,500*	289,600*	335,900*	381,500*	426,900*	472,200*	160
165	49.5	190.0	156,200*	228,000*	277,500*	322,800*	367,000*	411,100*	455,000*	165
170	47.9	185.5	148,200*	218,100*	266,100*	310,500*	353,400*	396,200*	438,800*	170
175	46.2	180.6	139,700*	208,800*	255,400*	298,800*	340,500*	382,100*	423,500*	175
180	44.5	175.5	131,600*	200,000*	245,300*	287,700*	328,300*	368,700*	409,000*	180
185	42.8	170.1	123,900*	191,600*	235,700*	277,200*	316,700*	356,100*	395,300*	185
190	40.9	164.3	116,600*	183,700*	226,600*	267,300*	305,700*	344,100*	382,300*	190
195	39.0	158.1	109,700*	176,200*	217,900*	257,800*	295,300*	332,700*	369,900*	195
200	37.0	151.4	103,200*	169,000*	209,700*	248,800*	285,400*	321,800*	358,200*	200
205	35.0	144.2	96,900*	162,200*	201,900*	240,200*	275,900*	311,500*	342,900*	205
210	32.7	136.5	90,900*	155,700*	194,500*	232,000*	266,900*	301,600*	325,800*	210
215	30.4	128.0	85,200*	149,500*	187,300*	224,200*	258,200*	292,200*	309,200*	215
220	27.9	118.6	79,700*	143,500*	180,500*	216,700*	250,000*	280,800*	293,000*	220

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

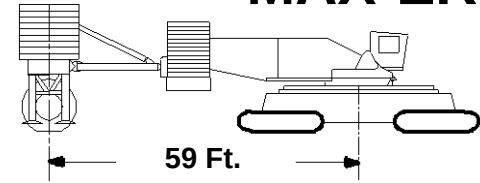
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



260 Ft. Boom

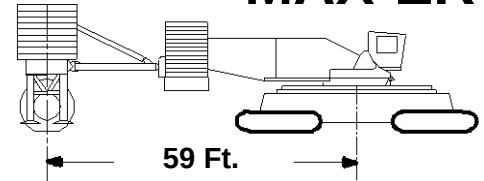
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
45	82.3	267.5	848,400*	1,075,100*	1,231,300*	1,387,800*	1,499,800*	1,499,800*	1,499,800*	45
50	81.2	266.7	757,800*	962,900*	1,104,100*	1,245,700*	1,386,900*	1,485,900*	1,485,900*	50
55	80.1	265.8	682,900*	870,200*	999,100*	1,128,400*	1,257,300*	1,385,800*	1,471,500*	55
60	78.9	264.8	619,300*	792,300*	910,900*	1,029,900*	1,148,400*	1,266,600*	1,384,400*	60
65	77.8	263.7	561,600*	726,000*	835,800*	945,900*	1,055,600*	1,165,100*	1,274,200*	65
70	76.7	262.5	512,500*	668,800*	771,000*	873,500*	975,700*	1,077,500*	1,179,100*	70
75	75.5	261.1	470,100*	618,900*	714,600*	810,400*	906,000*	1,001,300*	1,096,300*	75
80	74.4	259.7	433,200*	575,100*	665,000*	755,000*	844,800*	934,300*	1,023,500*	80
85	73.2	258.1	400,700*	536,300*	621,000*	705,900*	790,600*	875,000*	959,100*	85
90	72.1	256.5	371,900*	501,700*	581,800*	662,100*	742,200*	822,000*	901,600*	90
95	70.9	254.7	346,200*	470,600*	546,600*	622,800*	698,800*	774,500*	850,000*	95
100	69.7	252.8	323,100*	442,500*	514,800*	587,300*	659,600*	731,600*	803,400*	100
105	68.6	250.8	302,300*	416,200*	486,000*	555,100*	624,000*	692,700*	761,100*	105
110	67.4	248.7	283,400*	392,000*	459,700*	525,700*	591,600*	657,200*	722,600*	110
115	66.1	246.4	266,100*	369,900*	435,700*	498,900*	561,900*	624,700*	687,400*	115
120	64.9	244.1	250,300*	349,700*	413,600*	474,200*	534,600*	594,900*	655,000*	120
125	63.7	241.5	235,800*	331,100*	393,200*	451,400*	509,500*	567,400*	625,100*	125
130	62.4	238.9	222,400*	314,000*	374,300*	430,400*	486,300*	542,000*	597,500*	130
135	61.2	236.1	210,000*	298,200*	356,800*	410,900*	464,700*	518,400*	571,900*	135
140	59.9	233.2	198,500*	283,500*	340,600*	392,700*	444,700*	496,500*	548,100*	140
145	58.6	230.1	187,800*	269,800*	325,400*	375,700*	425,900*	476,000*	525,900*	145
150	57.3	226.8	177,800*	257,000*	311,200*	359,900*	408,500*	456,900*	505,100*	150
155	56.0	223.4	168,500*	245,100*	297,800*	345,100*	392,100*	438,900*	485,700*	155
160	54.6	219.8	159,700*	233,900*	284,900*	331,100*	376,700*	422,100*	467,400*	160
165	53.2	216.0	151,500*	223,400*	272,800*	318,000*	362,200*	406,300*	450,200*	165
170	51.8	212.0	142,500*	213,500*	261,400*	305,600*	348,500*	391,300*	434,000*	170
175	50.4	207.9	134,000*	204,100*	250,700*	293,900*	335,700*	377,200*	418,700*	175
180	48.9	203.4	125,900*	195,300*	240,600*	282,900*	323,500*	363,900*	404,200*	180
185	47.4	198.8	118,200*	187,000*	231,000*	272,400*	311,900*	351,300*	390,500*	185
190	45.9	193.9	110,900*	179,100*	221,900*	262,500*	300,900*	339,300*	377,500*	190
195	44.3	188.8	104,000*	171,500*	213,300*	253,000*	290,500*	327,900*	365,100*	195
200	42.7	183.3	97,500*	164,400*	205,100*	244,100*	280,600*	317,100*	353,400*	200
205	41.0	177.5	91,200*	157,600*	197,300*	235,500*	271,200*	306,700*	342,200*	205
210	39.2	171.3	85,300*	151,100*	189,900*	227,300*	262,100*	296,900*	331,500*	210
215	37.4	164.8	79,600*	144,900*	182,700*	219,500*	253,500*	287,500*	321,300*	215
220	35.5	157.7	74,100*	139,000*	176,000*	212,000*	245,300*	278,500*	310,200*	220
225	33.5	150.2	68,900*	133,300*	169,500*	204,900*	237,400*	269,800*	295,200*	225
230	31.4	142.0	63,900*	127,900*	163,200*	198,000*	229,800*	261,600*	280,600*	230
240	26.7	123.2	54,400*	117,600*	151,500*	185,000*	215,600*	241,000*	252,300*	240

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
45	82.9	287.8	845,400*	1,072,200*	1,228,300*	1,366,400*	1,366,400*	1,366,400*	1,366,400*	45
50	81.8	287.0	754,800*	959,900*	1,101,200*	1,242,800*	1,356,300*	1,356,300*	1,356,300*	50
55	80.8	286.2	679,900*	867,200*	996,200*	1,125,400*	1,254,300*	1,344,500*	1,344,500*	55
60	79.8	285.2	616,700*	789,300*	907,900*	1,026,800*	1,145,400*	1,263,600*	1,332,300*	60
65	78.7	284.2	559,000*	723,000*	832,800*	942,900*	1,052,600*	1,162,100*	1,271,100*	65
70	77.7	283.0	509,800*	665,700*	768,000*	870,500*	972,700*	1,074,500*	1,176,100*	70
75	76.6	281.8	467,400*	615,900*	711,500*	807,400*	903,000*	998,300*	1,093,300*	75
80	75.5	280.5	430,400*	572,100*	661,900*	752,000*	841,800*	931,300*	1,020,500*	80
85	74.5	279.1	397,900*	533,300*	618,000*	702,900*	787,500*	871,900*	956,000*	85
90	73.4	277.5	369,100*	498,600*	578,700*	659,100*	739,100*	819,000*	898,500*	90
95	72.3	275.9	343,400*	467,500*	543,500*	619,700*	695,700*	771,400*	846,900*	95
100	71.3	274.2	320,300*	439,500*	511,800*	584,200*	656,500*	728,500*	800,300*	100
105	70.2	272.3	299,500*	413,400*	482,900*	552,000*	620,900*	689,600*	758,100*	105
110	69.1	270.4	280,500*	389,100*	456,700*	522,700*	588,500*	654,100*	719,600*	110
115	68.0	268.3	263,300*	367,100*	432,600*	495,800*	558,800*	621,700*	684,300*	115
120	66.8	266.1	247,500*	346,900*	410,500*	471,100*	531,600*	591,900*	651,900*	120
125	65.7	263.8	233,000*	328,300*	390,100*	448,400*	506,500*	564,400*	622,100*	125
130	64.6	261.4	219,600*	311,100*	371,300*	427,300*	483,200*	538,900*	594,500*	130
135	63.4	258.9	207,200*	295,300*	353,800*	407,800*	461,700*	515,400*	568,900*	135
140	62.3	256.2	195,700*	280,600*	337,500*	389,700*	441,600*	493,400*	545,100*	140
145	61.1	253.4	185,000*	266,900*	322,400*	372,700*	422,900*	473,000*	522,800*	145
150	59.9	250.5	175,000*	254,100*	308,200*	356,900*	405,400*	453,800*	502,100*	150
155	58.7	247.4	165,600*	242,200*	294,900*	342,000*	389,000*	435,900*	482,600*	155
160	57.5	244.2	156,900*	231,000*	282,000*	328,100*	373,700*	419,100*	464,400*	160
165	56.3	240.8	148,300*	220,500*	269,900*	315,000*	359,200*	403,300*	447,200*	165
170	55.0	237.3	139,200*	210,600*	258,600*	302,600*	345,500*	388,300*	431,000*	170
175	53.7	233.5	130,600*	201,300*	247,900*	290,900*	332,700*	374,200*	415,700*	175
180	52.4	229.7	122,500*	192,500*	237,700*	279,900*	320,500*	360,900*	401,200*	180
185	51.1	225.6	114,800*	184,100*	228,200*	269,400*	308,900*	348,300*	387,500*	185
190	49.8	221.3	107,600*	176,200*	219,100*	259,500*	298,000*	336,300*	374,500*	190
195	48.4	216.8	100,700*	168,700*	210,500*	250,100*	287,600*	324,900*	362,200*	195
200	47.0	212.1	94,100*	161,600*	202,300*	241,100*	277,700*	314,100*	350,400*	200
205	45.6	207.2	87,900*	154,800*	194,500*	232,600*	268,200*	303,800*	339,300*	205
210	44.1	202.0	82,000*	148,300*	187,000*	224,400*	259,200*	294,000*	328,600*	210
215	42.6	196.5	76,300*	142,100*	180,000*	216,600*	250,600*	284,600*	318,400*	215
220	41.0	190.7	70,900*	136,200*	173,200*	209,100*	242,400*	275,600*	308,700*	220
225	39.4	184.6	65,700*	130,600*	166,700*	202,000*	234,600*	267,000*	299,300*	225
230	37.7	178.1	60,700*	125,200*	160,500*	195,200*	227,000*	258,800*	290,400*	230
240	34.1	163.8	51,300*	115,000*	148,800*	182,300*	212,800*	243,300*	269,300*	240
250	30.2	147.3	42,600*	105,600*	138,100*	170,400*	199,700*	228,900*	243,600*	250

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

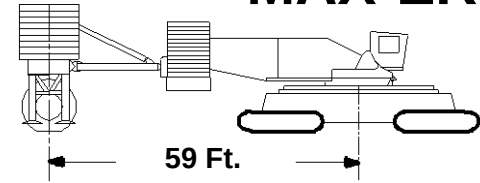
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



300 Ft. Boom

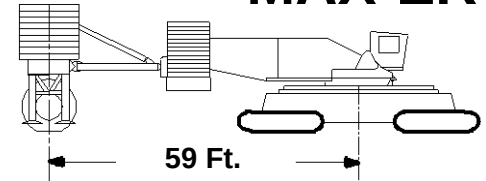
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
50	82.4	307.2	750,200*	955,300*	1,096,600*	1,238,200*	1,247,800*	1,247,800*	1,247,800*	50
55	81.4	306.5	675,300*	862,600*	991,500*	1,120,800*	1,237,100*	1,237,100*	1,237,100*	55
60	80.4	305.6	612,300*	784,600*	903,200*	1,022,200*	1,140,700*	1,226,400*	1,226,400*	60
65	79.5	304.6	554,700*	718,200*	828,000*	938,100*	1,047,900*	1,157,300*	1,215,700*	65
70	78.5	303.6	505,500*	661,000*	763,200*	865,700*	967,900*	1,069,800*	1,171,300*	70
75	77.5	302.4	463,000*	611,100*	706,700*	802,600*	898,200*	993,500*	1,088,500*	75
80	76.5	301.2	426,000*	567,300*	657,100*	747,200*	836,900*	926,500*	1,015,700*	80
85	75.5	299.9	393,500*	528,400*	613,100*	698,000*	782,700*	867,100*	951,200*	85
90	74.6	298.4	364,600*	493,800*	573,900*	654,200*	734,300*	814,100*	893,700*	90
95	73.6	296.9	338,900*	462,700*	538,700*	614,900*	690,800*	766,600*	842,100*	95
100	72.6	295.3	315,800*	434,600*	506,900*	579,400*	651,600*	723,700*	795,500*	100
105	71.5	293.6	294,900*	408,800*	478,100*	547,200*	616,000*	684,700*	753,200*	105
110	70.5	291.8	275,900*	384,500*	451,800*	517,800*	583,600*	649,200*	714,700*	110
115	69.5	289.9	258,700*	362,400*	427,700*	490,900*	554,000*	616,800*	679,400*	115
120	68.5	287.9	242,800*	342,200*	405,600*	466,200*	526,700*	587,000*	647,000*	120
125	67.4	285.8	228,300*	323,600*	385,200*	443,500*	501,600*	559,500*	617,200*	125
130	66.4	283.6	214,900*	306,500*	366,400*	422,400*	478,300*	534,000*	589,600*	130
135	65.3	281.2	202,500*	290,600*	348,900*	402,900*	456,800*	510,400*	564,000*	135
140	64.3	278.8	191,000*	275,900*	332,600*	384,700*	436,700*	488,500*	540,100*	140
145	63.2	276.2	180,200*	262,200*	317,400*	367,800*	418,000*	468,000*	517,900*	145
150	62.1	273.5	170,200*	249,400*	303,300*	352,000*	400,500*	448,900*	497,200*	150
155	61.0	270.7	160,900*	237,500*	290,000*	337,100*	384,100*	431,000*	477,700*	155
160	59.9	267.8	152,100*	226,300*	277,300*	323,200*	368,700*	414,200*	459,400*	160
165	58.8	264.7	142,400*	215,700*	265,200*	310,100*	354,300*	398,300*	442,300*	165
170	57.7	261.5	133,300*	205,800*	253,800*	297,700*	340,600*	383,400*	426,100*	170
175	56.5	258.2	124,700*	196,500*	243,100*	286,000*	327,700*	369,300*	410,800*	175
180	55.4	254.7	116,500*	187,700*	233,000*	275,000*	315,600*	356,000*	396,300*	180
185	54.2	251.0	108,900*	179,400*	223,400*	264,500*	304,000*	343,400*	382,600*	185
190	53.0	247.2	101,600*	171,400*	214,300*	254,600*	293,100*	331,400*	369,600*	190
195	51.7	243.3	94,700*	163,900*	205,700*	245,200*	282,700*	320,000*	357,300*	195
200	50.5	239.1	88,100*	156,800*	197,500*	236,200*	272,800*	309,200*	345,500*	200
205	49.2	234.7	81,900*	150,000*	189,700*	227,700*	263,300*	298,900*	334,400*	205
210	48.0	230.2	76,000*	143,600*	182,300*	219,500*	254,300*	289,100*	323,700*	210
215	46.6	225.4	70,300*	137,400*	175,200*	211,700*	245,800*	279,700*	313,500*	215
220	45.3	220.5	64,900*	131,500*	168,400*	204,300*	237,600*	270,700*	303,800*	220
225	43.9	215.2	59,700*	125,800*	162,000*	197,200*	229,700*	262,100*	294,500*	225
230	42.5	209.7	54,700*	120,400*	155,800*	190,300*	222,200*	253,900*	285,600*	230
240	39.5	197.9	45,400*	110,300*	144,100*	177,500*	208,000*	238,500*	268,800*	240
250	36.4	184.6		100,900*	133,400*	165,600*	195,000*	224,200*	253,300*	250
260	32.9	169.7		92,200*	123,500*	154,600*	182,800*	211,000*	230,900*	260
270	29.1	152.4		82,900*	114,200*	144,300*	171,600*	198,200*	208,500*	270

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
50	82.9	327.4	753,200*	958,400*	1,099,600*	1,103,800*	1,103,800*	1,103,800*	1,103,800*	50
55	82.0	326.7	678,300*	865,600*	994,600*	1,103,800*	1,103,800*	1,103,800*	1,103,800*	55
60	81.0	325.9	615,400*	787,700*	906,300*	1,025,200*	1,103,800*	1,103,800*	1,103,800*	60
65	80.1	325.0	558,200*	721,300*	831,100*	941,200*	1,051,000*	1,103,800*	1,103,800*	65
70	79.2	324.0	508,900*	664,100*	766,300*	868,800*	971,000*	1,072,900*	1,103,800*	70
75	78.3	322.9	466,500*	614,200*	709,900*	805,800*	901,300*	996,600*	1,091,600*	75
80	77.4	321.8	429,500*	570,400*	660,300*	750,300*	840,100*	929,600*	1,018,900*	80
85	76.5	320.5	396,900*	531,600*	616,300*	701,200*	785,900*	870,300*	954,400*	85
90	75.5	319.2	368,100*	497,000*	577,100*	657,400*	737,500*	817,300*	896,900*	90
95	74.6	317.8	342,300*	465,900*	541,900*	618,100*	694,100*	769,800*	845,300*	95
100	73.7	316.3	319,200*	437,800*	510,100*	582,600*	654,900*	726,900*	798,700*	100
105	72.7	314.7	298,300*	412,200*	481,300*	550,400*	619,300*	688,000*	756,400*	105
110	71.8	313.0	279,400*	388,000*	455,000*	521,100*	586,900*	652,500*	717,900*	110
115	70.8	311.3	262,100*	365,900*	431,000*	494,200*	557,200*	620,100*	682,700*	115
120	69.9	309.4	246,300*	345,700*	408,900*	469,500*	530,000*	590,300*	650,300*	120
125	68.9	307.5	231,800*	327,100*	388,500*	446,800*	504,900*	562,800*	620,500*	125
130	68.0	305.4	218,400*	310,000*	369,700*	425,800*	481,600*	537,400*	592,900*	130
135	67.0	303.2	206,000*	294,100*	352,200*	406,200*	460,100*	513,800*	567,300*	135
140	66.0	301.0	194,500*	279,400*	336,000*	388,100*	440,100*	491,900*	543,500*	140
145	65.0	298.6	183,800*	265,700*	320,800*	371,200*	421,400*	471,400*	521,300*	145
150	64.0	296.1	173,800*	252,900*	306,600*	355,300*	403,900*	452,300*	500,500*	150
155	63.0	293.6	164,400*	241,000*	293,400*	340,500*	387,500*	434,400*	481,100*	155
160	62.0	290.9	155,700*	229,800*	280,800*	326,600*	372,100*	417,600*	462,800*	160
165	61.0	288.0	147,400*	219,300*	268,800*	313,500*	357,700*	401,700*	445,700*	165
170	59.9	285.1	138,500*	209,400*	257,400*	301,100*	344,100*	386,800*	429,500*	170
175	58.9	282.1	129,900*	200,100*	246,700*	289,500*	331,200*	372,800*	414,200*	175
180	57.8	278.9	121,700*	191,300*	236,600*	278,400*	319,000*	359,500*	399,800*	180
185	56.7	275.6	114,100*	182,900*	227,000*	268,000*	307,500*	346,900*	386,100*	185
190	55.7	272.1	106,800*	175,000*	217,900*	258,100*	296,500*	334,900*	373,100*	190
195	54.5	268.5	99,900*	167,600*	209,300*	248,700*	286,200*	323,500*	360,800*	195
200	53.4	264.8	93,300*	160,400*	201,100*	239,700*	276,300*	312,700*	349,100*	200
205	52.3	260.9	87,100*	153,700*	193,400*	231,200*	266,900*	302,400*	337,900*	205
210	51.1	256.8	81,200*	147,200*	185,900*	223,000*	257,900*	292,600*	327,200*	210
215	50.0	252.6	75,500*	141,000*	178,900*	215,300*	249,300*	283,200*	317,100*	215
220	48.8	248.2	70,100*	135,200*	172,100*	207,800*	241,100*	274,300*	307,400*	220
225	47.6	243.6	65,000*	129,500*	165,700*	200,700*	233,300*	265,700*	298,100*	225
230	46.3	238.7	60,000*	124,100*	159,500*	193,900*	225,800*	257,500*	289,200*	230
240	43.7	228.5	50,700*	114,000*	147,900*	181,100*	211,700*	242,100*	272,400*	240
250	41.1	217.2	42,200*	104,700*	137,200*	169,300*	198,600*	227,900*	257,000*	250
260	38.2	204.8		96,100*	127,300*	158,400*	186,600*	214,700*	242,700*	260
270	35.1	190.9		88,000*	118,100*	148,200*	175,300*	202,400*	229,200*	270
280	31.8	175.3		79,300*	109,500*	138,500*	164,900*	191,000*	208,500*	280
290	28.1	157.4		70,700*	101,500*	129,500*	155,100*	179,100*	188,700*	290

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

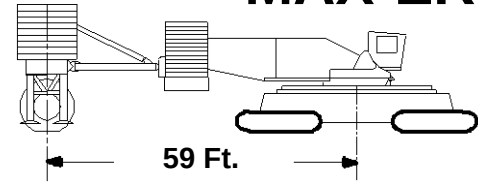
200,000 Lb. Carbody Counterweight

**0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



340 Ft. Boom

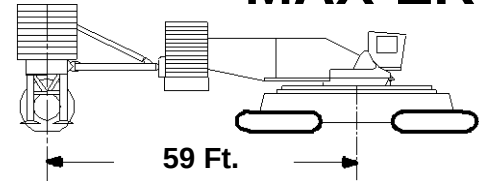
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	0 Lb. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
55	82.4	346.9	673,600*	860,900*	968,100*	968,100*	968,100*	968,100*	968,100*	55
60	81.6	346.2	610,700*	782,900*	901,600*	968,100*	968,100*	968,100*	968,100*	60
65	80.7	345.3	553,900*	716,500*	826,300*	936,400*	968,100*	968,100*	968,100*	65
70	79.9	344.4	504,600*	659,300*	761,500*	864,000*	966,200*	968,100*	968,100*	70
75	79.0	343.4	462,000*	609,400*	705,000*	800,900*	896,500*	968,100*	968,100*	75
80	78.1	342.3	425,000*	565,600*	655,400*	745,500*	835,200*	924,700*	968,100*	80
85	77.3	341.1	392,400*	526,700*	611,400*	696,300*	781,000*	865,400*	949,500*	85
90	76.4	339.9	363,500*	492,100*	572,200*	652,500*	732,600*	812,400*	892,000*	90
95	75.5	338.6	337,700*	461,000*	537,000*	613,200*	689,100*	764,900*	840,400*	95
100	74.7	337.2	314,600*	432,900*	505,200*	577,700*	649,900*	722,000*	793,800*	100
105	73.8	335.7	293,700*	407,400*	476,400*	545,500*	614,400*	683,000*	751,500*	105
110	72.9	334.1	274,700*	383,300*	450,100*	516,100*	581,900*	647,600*	713,000*	110
115	72.0	332.5	257,400*	361,200*	426,000*	489,200*	552,300*	615,100*	677,700*	115
120	71.1	330.7	241,600*	341,000*	403,900*	464,600*	525,000*	585,300*	645,400*	120
125	70.2	328.9	227,000*	322,400*	383,600*	441,800*	499,900*	557,800*	615,500*	125
130	69.3	327.0	213,600*	305,200*	364,700*	420,800*	476,700*	532,400*	587,900*	130
135	68.4	325.0	201,200*	289,300*	347,200*	401,300*	455,100*	508,800*	562,300*	135
140	67.5	322.9	189,700*	274,600*	331,000*	383,100*	435,100*	486,900*	538,500*	140
145	66.6	320.7	179,000*	260,900*	315,800*	366,200*	416,400*	466,400*	516,300*	145
150	65.7	318.4	169,000*	248,100*	301,600*	350,300*	398,900*	447,300*	495,600*	150
155	64.7	316.0	159,600*	236,200*	288,400*	335,500*	382,500*	429,400*	476,100*	155
160	63.8	313.5	150,900*	225,000*	275,900*	321,600*	367,200*	412,600*	457,900*	160
165	62.8	310.9	141,500*	214,500*	263,900*	308,500*	352,700*	396,800*	440,700*	165
170	61.9	308.2	132,400*	204,600*	252,600*	296,100*	339,100*	381,900*	424,500*	170
175	60.9	305.4	123,700*	195,300*	241,900*	284,500*	326,200*	367,800*	409,200*	175
180	59.9	302.4	115,600*	186,400*	231,700*	273,500*	314,000*	354,500*	394,800*	180
185	58.9	299.4	107,900*	178,100*	222,200*	263,000*	302,500*	341,900*	381,100*	185
190	57.9	296.2	100,700*	170,200*	213,100*	253,100*	291,600*	329,900*	368,100*	190
195	56.9	292.9	93,700*	162,700*	204,500*	243,700*	281,200*	318,500*	355,800*	195
200	55.9	289.5	87,200*	155,600*	196,300*	234,700*	271,300*	307,700*	344,100*	200
205	54.9	286.0	81,000*	148,800*	188,500*	226,200*	261,900*	297,500*	332,900*	205
210	53.8	282.3	75,000*	142,400*	181,100*	218,100*	252,900*	287,600*	322,300*	210
215	52.8	278.5	69,400*	136,200*	174,000*	210,300*	244,300*	278,300*	312,100*	215
220	51.7	274.5	64,000*	130,300*	167,300*	202,900*	236,200*	269,300*	302,400*	220
225	50.6	270.3	58,800*	124,700*	160,800*	195,800*	228,300*	260,800*	293,100*	225
230	49.5	266.0	53,800*	119,300*	154,600*	189,000*	220,800*	252,600*	284,200*	230
240	47.2	256.9	44,600*	109,200*	143,000*	176,200*	206,700*	237,200*	267,500*	240
250	44.8	247.0		99,900*	132,400*	164,400*	193,700*	222,900*	252,100*	250
260	42.4	236.2		91,300*	122,500*	153,500*	181,700*	209,800*	237,800*	260
270	39.8	224.4		82,500*	113,300*	143,300*	170,500*	197,600*	224,600*	270
280	37.0	211.4		73,400*	104,800*	133,800*	160,000*	186,200*	212,200*	280
290	34.0	197.0		64,800*	96,800*	124,800*	150,300*	175,500*	196,100*	290
300	30.8	180.8		56,700*	89,300*	116,400*	141,200*	165,600*	177,900*	300
310	27.3	162.2		49,100*	82,200*	108,400*	132,500*	151,200*	160,300*	310

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81
494,700 Lb. Crane Counterweight
200,000 Lb. Carbody Counterweight
0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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. Wheeled Counterweight Boom Capacity Pounds	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
55	82.9	367.1	670,000*	851,700*	851,700*	851,700*	851,700*	851,700*	851,700*	55
60	82.0	366.4	607,100*	779,300*	851,700*	851,700*	851,700*	851,700*	851,700*	60
65	81.2	365.6	550,600*	712,900*	822,700*	851,700*	851,700*	851,700*	851,700*	65
70	80.4	364.7	501,300*	655,600*	757,900*	851,700*	851,700*	851,700*	851,700*	70
75	79.6	363.8	458,700*	605,800*	701,400*	797,300*	851,700*	851,700*	851,700*	75
80	78.8	362.8	421,600*	561,900*	651,700*	741,800*	831,600*	851,700*	851,700*	80
85	78.0	361.7	389,000*	523,100*	607,800*	692,700*	777,300*	851,700*	851,700*	85
90	77.2	360.5	360,100*	488,400*	568,500*	648,900*	728,900*	808,700*	851,700*	90
95	76.4	359.3	334,300*	457,300*	533,300*	609,500*	685,500*	761,200*	836,700*	95
100	75.5	358.0	311,100*	429,200*	501,500*	574,000*	646,300*	718,300*	790,100*	100
105	74.7	356.6	290,200*	403,800*	472,700*	541,800*	610,700*	679,400*	747,800*	105
110	73.9	355.1	271,300*	379,900*	446,400*	512,400*	578,300*	643,900*	709,300*	110
115	73.1	353.5	254,000*	357,700*	422,400*	485,600*	548,600*	611,400*	674,100*	115
120	72.2	351.9	238,100*	337,500*	400,300*	460,900*	521,400*	581,600*	641,700*	120
125	71.4	350.2	223,600*	318,900*	379,900*	438,200*	496,200*	554,100*	611,900*	125
130	70.5	348.4	210,100*	301,700*	361,100*	417,100*	473,000*	528,700*	584,300*	130
135	69.7	346.5	197,700*	285,800*	343,600*	397,600*	451,500*	505,100*	558,700*	135
140	68.8	344.5	186,200*	271,100*	327,300*	379,500*	431,400*	483,200*	534,900*	140
145	68.0	342.5	175,500*	257,400*	312,200*	362,500*	412,700*	462,800*	512,700*	145
150	67.1	340.3	165,500*	244,600*	298,000*	346,700*	395,300*	443,700*	491,900*	150
155	66.2	338.1	156,100*	232,700*	284,700*	331,900*	378,900*	425,800*	472,500*	155
160	65.3	335.8	147,000*	221,500*	272,300*	318,000*	363,500*	408,900*	454,200*	160
165	64.5	333.4	137,300*	211,000*	260,400*	304,900*	349,100*	393,100*	437,100*	165
170	63.6	330.8	128,100*	201,100*	249,100*	292,500*	335,400*	378,200*	420,900*	170
175	62.7	328.2	119,500*	191,800*	238,400*	280,900*	322,600*	364,200*	405,600*	175
180	61.8	325.5	111,300*	183,000*	228,200*	269,800*	310,400*	350,900*	391,200*	180
185	60.9	322.7	103,600*	174,600*	218,700*	259,400*	298,900*	338,300*	377,500*	185
190	59.9	319.8	96,300*	166,700*	209,600*	249,500*	288,000*	326,300*	364,500*	190
195	59.0	316.7	89,400*	159,200*	201,000*	240,100*	277,600*	315,000*	352,200*	195
200	58.1	313.6	82,900*	152,100*	192,800*	231,200*	267,700*	304,200*	340,500*	200
205	57.1	310.3	76,600*	145,300*	185,000*	222,600*	258,300*	293,900*	329,300*	205
210	56.2	306.9	70,700*	138,900*	177,600*	214,500*	249,300*	284,100*	318,700*	210
215	55.2	303.4	65,000*	132,700*	170,600*	206,700*	240,800*	274,700*	308,500*	215
220	54.2	299.8	59,600*	126,900*	163,800*	199,300*	232,600*	265,800*	298,800*	220
225	53.2	296.0	54,500*	121,200*	157,400*	192,200*	224,800*	257,200*	289,500*	225
230	52.2	292.1	49,500*	115,900*	151,200*	185,400*	217,300*	249,000*	280,700*	230
240	50.1	283.8	40,200*	105,800*	139,600*	172,700*	203,200*	233,600*	264,000*	240
250	48.0	274.9		96,500*	128,900*	160,900*	190,200*	219,400*	248,600*	250
260	45.8	265.3		87,900*	119,100*	150,000*	178,200*	206,300*	234,300*	260
270	43.5	254.9		78,300*	109,900*	139,800*	167,000*	194,100*	221,100*	270
280	41.1	243.7		69,200*	101,400*	130,400*	156,600*	182,700*	208,800*	280
290	38.6	231.4		60,700*	93,500*	121,500*	146,900*	172,100*	197,300*	290
300	35.9	217.8		52,700*	86,000*	113,100*	137,800*	162,200*	185,600*	300
310	33.0	202.9		45,200*	79,000*	105,200*	129,200*	152,900*	168,500*	310
320	29.9	186.0		38,100*	72,400*	97,800*	121,200*	143,300*	152,200*	320
330	26.5	166.8			66,100*	90,800*	113,600*	127,900*	136,500*	330

Liftcrane Boom Capacities

Boom No. 80 with 140 Ft. Mast No. 81

494,700 Lb. Crane Counterweight

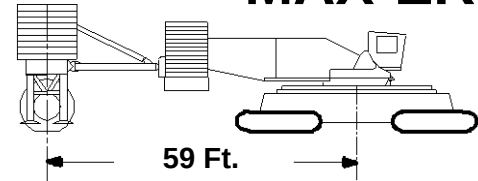
200,000 Lb. Carbody Counterweight

0 Lb. Thru 1,124,000 Lb. Wheeled Counterweight
at 59 Ft. 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	244,000 Lb. Wheeled Counterweight Boom Capacity Pounds	420,000 Lb. Wheeled Counterweight Boom Capacity Pounds	596,000 Lb. Wheeled Counterweight Boom Capacity Pounds	772,000 Lb. Wheeled Counterweight Boom Capacity Pounds	948,000 Lb. Wheeled Counterweight Boom Capacity Pounds	1,124,000 Lb. Wheeled Counterweight Boom Capacity Pounds	Oper. Rad. Feet
60	82.5	386.6	753,000*	753,000*	753,000*	753,000*	753,000*	753,000*	60
65	81.7	385.9	708,100*	753,000*	753,000*	753,000*	753,000*	753,000*	65
70	80.9	385.0	650,800*	753,000*	753,000*	753,000*	753,000*	753,000*	70
75	80.2	384.1	600,900*	696,500*	753,000*	753,000*	753,000*	753,000*	75
80	79.4	383.2	557,000*	646,800*	736,900*	753,000*	753,000*	753,000*	80
85	78.6	382.2	518,100*	602,800*	687,800*	753,000*	753,000*	753,000*	85
90	77.9	381.1	483,500*	563,600*	643,900*	724,000*	753,000*	753,000*	90
95	77.1	379.9	452,400*	528,400*	604,600*	680,500*	753,000*	753,000*	95
100	76.3	378.6	424,300*	496,600*	569,000*	641,300*	713,300*	753,000*	100
105	75.5	377.3	398,800*	467,700*	536,800*	605,700*	674,400*	742,900*	105
110	74.8	375.9	375,100*	441,400*	507,500*	573,300*	638,900*	704,300*	110
115	74.0	374.5	353,000*	417,400*	480,600*	543,600*	606,400*	669,100*	115
120	73.2	372.9	332,700*	395,300*	455,900*	516,400*	576,600*	636,700*	120
125	72.4	371.3	314,100*	374,900*	433,200*	491,200*	549,100*	606,900*	125
130	71.6	369.6	296,900*	356,100*	412,100*	468,000*	523,700*	579,200*	130
135	70.8	367.8	281,000*	338,600*	392,600*	446,400*	500,100*	553,600*	135
140	70.0	366.0	266,300*	322,300*	374,400*	426,400*	478,200*	529,800*	140
145	69.2	364.1	252,600*	307,200*	357,500*	407,700*	457,700*	507,600*	145
150	68.4	362.1	239,800*	293,000*	341,700*	390,200*	438,600*	486,900*	150
155	67.6	360.0	227,900*	279,700*	326,900*	373,900*	420,700*	467,400*	155
160	66.7	357.8	216,700*	267,200*	312,900*	358,500*	403,900*	449,200*	160
165	65.9	355.5	206,100*	255,500*	299,800*	344,000*	388,100*	432,000*	165
170	65.1	353.2	196,200*	244,200*	287,500*	330,400*	373,200*	415,900*	170
175	64.2	350.7	186,900*	233,500*	275,800*	317,500*	359,100*	400,600*	175
180	63.4	348.2	178,100*	223,400*	264,800*	305,400*	345,800*	386,100*	180
185	62.5	345.6	169,700*	213,800*	254,400*	293,900*	333,200*	372,500*	185
190	61.7	342.8	161,800*	204,700*	244,500*	282,900*	321,300*	359,500*	190
195	60.8	340.0	154,400*	196,100*	235,100*	272,600*	309,900*	347,200*	195
200	59.9	337.1	147,200*	187,900*	226,100*	262,700*	299,100*	335,500*	200
205	59.1	334.1	140,500*	180,200*	217,600*	253,300*	288,900*	324,300*	205
210	58.2	330.9	134,000*	172,700*	209,500*	244,300*	279,000*	313,700*	210
215	57.3	327.7	127,900*	165,700*	201,700*	235,800*	269,700*	303,500*	215
220	56.4	324.3	122,000*	158,900*	194,300*	227,600*	260,800*	293,800*	220
225	55.4	320.8	116,400*	152,500*	187,200*	219,800*	252,200*	284,500*	225
230	54.5	317.3	111,000*	146,300*	180,400*	212,300*	244,000*	275,700*	230
240	52.6	309.7	100,900*	134,700*	167,700*	198,200*	228,600*	259,000*	240
250	50.7	301.6	91,600*	124,100*	155,900*	185,200*	214,400*	243,600*	250
260	48.7	292.9	82,000*	114,200*	145,000*	173,200*	201,300*	229,300*	260
270	46.6	283.5	72,200*	105,100*	134,900*	162,000*	189,100*	216,100*	270
280	44.5	273.5	63,100*	96,600*	125,500*	151,700*	177,800*	203,800*	280
290	42.3	262.6	54,500*	88,600*	116,600*	142,000*	167,200*	192,300*	290
300	39.9	250.9	46,600*	81,200*	108,300*	132,900*	157,300*	181,600*	300
310	37.5	238.1	39,100*	74,200*	100,400*	124,400*	148,000*	171,500*	310
320	34.9	224.1		67,700*	93,000*	116,300*	139,200*	157,000*	320
330	32.1	208.6		60,200*	86,100*	108,800*	131,000*	141,700*	330
340	29.1	191.2		52,800*	79,500*	101,600*	118,500*	127,000*	340