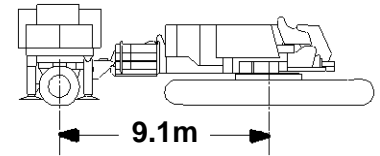


Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



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 (*).

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Exit MAX-ER mode before operating without wheeled counterweight.

Upper boom point capacity for liftcrane service with single part whip line is 12 560 kg or 25 130 kg with two part whip line. When luffing hoist for 22 mm wire rope is used, capacity is 9 070 kg with single part whip line or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacities.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry in intermediate position and mast up. Refer to boom rigging **No. 194041**, Wire Rope Specification chart **No. 8189-A** and Counterweight Arrangement chart **No. 8412-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.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. Travel may be limited depending upon ground conditions. Refer to Maximum Allowable Travel Specification chart **No. 8190-A** when operating without load.

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 2000, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 10 part boom hoist reeving, boom support straps, 76 750 kg crane counterweight, two 13 610 kg carbody counterweights and wheeled counterweight as specified.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Boom Catwalks Deduct
Deduct 350 kg from capacities when boom catwalks are attached.

Maximum Boom Lengths Lifted Unassisted	
Over End of Blocked Crawlers	Over Side or End of Unblocked Crawlers
0 kg Wheeled Counterweight	
67.1m	61.0m
54 430 kg Wheeled Counterweight	
79.2m	79.2m
108 860 kg Wheeled Counterweight	
97.5m	91.4m
164 200 kg Wheeled Counterweight	
(a) 109.7m	103.6m
209 560 kg Wheeled Counterweight	
109.7m	109.7m
Load block, hook and weight ball on ground at start. (a) When equipped with boom catwalks, 109.7m boom over end of blocked crawlers cannot be raised with 164 200 kg wheeled counterweight.	

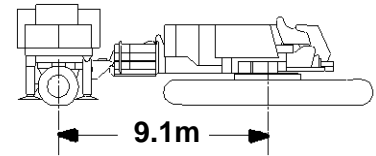


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating



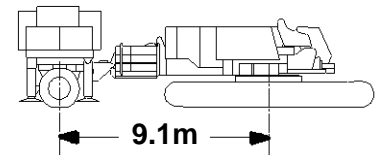
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
36.6m (120 Ft.) Boom								
7.9	82.3	39.1	199 500 *	250 000 *	297 000 *	344 800 *	384 000 *	7.9
8.0	82.2	39.1	197 800 *	247 900 *	294 600 *	342 000 *	380 700 *	8.0
9.0	80.6	38.9	176 500 *	221 600 *	263 700 *	306 500 *	339 300 *	9.0
10.0	79.0	38.7	158 800 *	200 200 *	238 500 *	276 900 *	305 900 *	10.0
11.0	77.4	38.5	138 600 *	182 200 *	217 400 *	251 700 *	278 300 *	11.0
12.0	75.7	38.2	120 600 *	167 000 *	199 500 *	230 600 *	255 000 *	12.0
14.0	72.5	37.5	94 900 *	142 400 *	170 700 *	196 800 *	217 900 *	14.0
16.0	69.1	36.7	77 400 *	122 100 *	148 500 *	171 200 *	189 800 *	16.0
18.0	65.6	35.8	64 700 *	102 700 *	130 900 *	151 200 *	167 700 *	18.0
20.0	62.1	34.7	55 100 *	88 500 *	116 700 *	134 900 *	149 900 *	20.0
22.0	58.4	33.5	47 500 *	77 300 *	104 700 *	121 500 *	135 200 *	22.0
24.0	54.5	32.0	41 400 *	68 300 *	93 400 *	110 400 *	122 900 *	24.0
26.0	50.4	30.4	36 300 *	60 900 *	83 700 *	100 800 *	112 400 *	26.0
28.0	46.1	28.4	32 100 *	54 600 *	75 600 *	92 600 *	103 400 *	28.0
30.0	41.3	26.2	28 500 *	49 300 *	68 700 *	85 400 *	95 500 *	30.0
32.0	36.1	23.4	25 400 *	44 700 *	62 800 *	79 200 *	88 600 *	32.0
34.0	29.9	20.1	22 600 *	40 700 *	57 600 *	73 600 *	82 500 *	34.0
36.0	22.2	15.5	20 200 *	37 200 *	53 000 *	68 500 *	77 000 *	36.0
42.7m (140 Ft.) Boom								
8.5	82.6	45.2	184 500 *	231 900 *	276 000 *	320 800 *	356 400 *	8.5
9.0	82.0	45.1	175 300 *	220 500 *	262 700 *	305 500 *	338 700 *	9.0
10.0	80.6	45.0	157 800 *	198 900 *	237 300 *	276 000 *	305 000 *	10.0
11.0	79.2	44.7	138 300 *	181 000 *	216 200 *	250 800 *	277 400 *	11.0
12.0	77.8	44.5	120 300 *	165 700 *	198 300 *	229 700 *	254 100 *	12.0
14.0	75.1	43.9	94 500 *	141 200 *	169 500 *	196 000 *	217 100 *	14.0
16.0	72.2	43.3	76 900 *	121 200 *	147 400 *	170 400 *	188 900 *	16.0
18.0	69.3	42.5	64 200 *	102 300 *	129 900 *	150 300 *	166 900 *	18.0
20.0	66.4	41.6	54 600 *	88 000 *	115 700 *	134 100 *	149 100 *	20.0
22.0	63.4	40.6	47 000 *	76 800 *	103 900 *	120 800 *	134 400 *	22.0
24.0	60.3	39.4	40 900 *	67 700 *	92 900 *	109 600 *	122 100 *	24.0
26.0	57.1	38.1	35 800 *	60 300 *	83 100 *	100 100 *	111 700 *	26.0
28.0	53.7	36.6	31 600 *	54 100 *	75 100 *	91 900 *	102 700 *	28.0
30.0	50.2	35.0	28 000 *	48 800 *	68 200 *	84 700 *	94 800 *	30.0
32.0	46.5	33.0	24 900 *	44 200 *	62 300 *	78 500 *	87 900 *	32.0
34.0	42.6	30.9	22 200 *	40 200 *	57 100 *	72 900 *	81 800 *	34.0
36.0	38.2	28.3	19 800 *	36 800 *	52 600 *	67 900 *	76 400 *	36.0
38.0	33.4	25.4	17 600 *	33 600 *	48 500 *	63 500 *	71 500 *	38.0
40.0	27.8	21.7	15 700 *	30 800 *	44 900 *	59 300 *	67 000 *	40.0
42.0	20.7	16.8	14 000 *	28 300 *	41 700 *	55 300 *	63 000 *	42.0

Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
48.8m (160 Ft.) Boom								
9.1	82.8	51.3	170 700 *	215 300 *	256 800 *	299 000 *	331 800 *	9.1
10.0	81.8	51.2	156 000 *	197 200 *	235 500 *	274 400 *	303 700 *	10.0
11.0	80.6	51.0	137 800	179 300 *	214 500 *	249 500 *	276 100 *	11.0
12.0	79.4	50.8	119 700	164 100 *	196 600 *	228 400 *	252 800 *	12.0
14.0	77.0	50.3	93 800	139 600 *	167 900 *	194 700 *	215 800 *	14.0
16.0	74.5	49.7	76 200	120 000	145 800 *	169 200 *	187 700 *	16.0
18.0	72.0	49.0	63 500	101 600	128 400 *	149 100 *	165 700 *	18.0
20.0	69.5	48.3	53 800	87 200	114 200 *	133 000 *	147 900 *	20.0
22.0	67.0	47.4	46 200	76 000	102 400 *	119 600 *	133 300 *	22.0
24.0	64.4	46.4	40 000	66 900	92 000	108 400 *	121 000 *	24.0
26.0	61.7	45.3	35 000	59 500	82 400	99 000 *	110 500 *	26.0
28.0	58.9	44.1	30 800	53 300	74 300	90 800 *	101 500 *	28.0
30.0	56.1	42.8	27 200	48 000	67 400	83 600 *	93 700 *	30.0
32.0	53.1	41.2	24 100	43 400	61 500	77 400 *	86 900 *	32.0
34.0	50.1	39.6	21 300	39 400	56 300	71 900 *	80 800 *	34.0
36.0	46.8	37.7	19 000	35 900	51 800	66 900 *	75 300 *	36.0
38.0	43.4	35.6	16 900	32 800	47 800	62 400 *	70 400 *	38.0
40.0	39.8	33.2	15 000	30 100	44 200	58 200 *	66 100 *	40.0
42.0	35.8	30.4	13 300	27 600	40 900	54 400 *	62 100 *	42.0
44.0	31.3	27.2	11 700	25 300	38 000	50 900	58 400 *	44.0
46.0	26.1	23.3	10 300	23 300	35 400	47 700	55 000 *	46.0
48.0	19.6	18.1	9 000	21 400	32 900	44 700	51 900 *	48.0

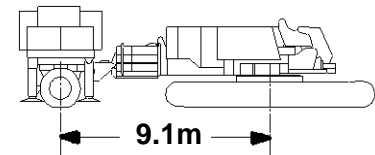


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating



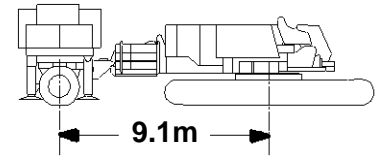
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
54.9m (180 Ft.) Boom								
9.8	83.0	57.4	158 800 *	200 900 *	240 100 *	280 000 *	310 400 *	9.8
10.0	82.7	57.3	155 000 *	196 200 *	234 600 *	273 600 *	303 100 *	10.0
11.0	81.6	57.2	137 400	178 100 *	213 300 *	248 700 *	275 200 *	11.0
12.0	80.6	57.0	119 300	162 900 *	195 500 *	227 500 *	252 000 *	12.0
14.0	78.4	56.6	93 300	138 600 *	166 800 *	193 900 *	215 000 *	14.0
16.0	76.3	56.1	75 700	119 100	144 800 *	168 300 *	186 900 *	16.0
18.0	74.1	55.5	63 000	101 100	127 300 *	148 300 *	164 900 *	18.0
20.0	71.9	54.8	53 300	86 700	113 200 *	132 200 *	147 100 *	20.0
22.0	69.7	54.0	45 700	75 400	101 500 *	118 800 *	132 500 *	22.0
24.0	67.4	53.2	39 500	66 400	91 300	107 700 *	120 200 *	24.0
26.0	65.1	52.2	34 500	59 000	81 800	98 200 *	109 800 *	26.0
28.0	62.7	51.2	30 200	52 800	73 700	90 000 *	100 800 *	28.0
30.0	60.3	50.0	26 600	47 500	66 800	82 900 *	93 000 *	30.0
32.0	57.9	48.8	23 500	42 900	60 900	76 700 *	86 100 *	32.0
34.0	55.3	47.4	20 800	38 900	55 800	71 100 *	80 100 *	34.0
36.0	52.7	45.8	18 500	35 400	51 200	66 200 *	74 700 *	36.0
38.0	49.9	44.1	16 300	32 300	47 200	61 600 *	69 800 *	38.0
40.0	47.1	42.3	14 400	29 600	43 700	57 400 *	65 400 *	40.0
42.0	44.1	40.2	12 800	27 100	40 400	53 600 *	61 400 *	42.0
44.0	40.9	37.9	11 200	24 800	37 500	50 200 *	57 800 *	44.0
46.0	37.5	35.3	9 800	22 800	34 900	47 000 *	54 400 *	46.0
48.0	33.8	32.4	8 500	20 900	32 500	44 000 *	51 400 *	48.0
50.0	29.6	28.9	7 400	19 200	30 300	41 300 *	48 400 *	50.0
52.0	24.8	24.8	6 200	17 600	28 300	38 800 *	45 600 *	52.0
54.0	18.7	19.3	5 200	16 200	26 300	36 500 *	43 000 *	54.0

Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
61.0m (200 Ft.) Boom								
11.0	82.5	63.3	137 600	177 000 *	212 300 *	248 100 *	274 700 *	11.0
12.0	81.5	63.2	118 800	161 400 *	193 900 *	226 300 *	250 800 *	12.0
14.0	79.6	62.8	92 800	137 000 *	165 300 *	192 700 *	213 800 *	14.0
16.0	77.7	62.3	75 000	117 900	143 200 *	167 200 *	185 700 *	16.0
18.0	75.8	61.8	62 200	100 500	125 800 *	147 100 *	163 700 *	18.0
20.0	73.8	61.2	52 500	85 900	111 600 *	131 000 *	146 000 *	20.0
22.0	71.8	60.6	44 800	74 600	99 900 *	117 700 *	131 300 *	22.0
24.0	69.8	59.8	38 700	65 600	90 000 *	106 500 *	119 000 *	24.0
26.0	67.8	59.0	33 600	58 100	80 900	97 000 *	108 600 *	26.0
28.0	65.7	58.1	29 300	51 800	72 800	88 800 *	99 600 *	28.0
30.0	63.6	57.0	25 700	46 500	65 900	81 700 *	91 800 *	30.0
32.0	61.4	55.9	22 600	42 000	60 000	75 500 *	84 900 *	32.0
34.0	59.3	54.7	19 900	38 000	54 800	69 800 *	78 900 *	34.0
36.0	57.0	53.4	17 500	34 400	50 300	64 600 *	73 400 *	36.0
38.0	54.7	52.0	15 400	31 300	46 300	60 000 *	68 600 *	38.0
40.0	52.3	50.4	13 500	28 600	42 700	55 900 *	64 200 *	40.0
42.0	49.9	48.7	11 800	26 100	39 500	52 100 *	60 200 *	42.0
44.0	47.3	46.9	10 300	23 900	36 600	48 700 *	56 600 *	44.0
46.0	44.6	44.9	8 800	21 800	33 900	45 500 *	53 100 *	46.0
48.0	41.8	42.6	7 600	19 900	31 500	42 600 *	49 900 *	48.0
50.0	38.8	40.1	6 400	18 200	29 300	39 900 *	46 900 *	50.0
52.0	35.6	37.4	5 300	16 700	27 300	37 400 *	44 100 *	52.0
54.0	32.1	34.2		15 200	25 400	35 000 *	41 500 *	54.0
56.0	28.2	30.6		13 900	23 700	32 900 *	39 100 *	56.0
58.0	23.6	26.2		12 600	22 000	30 800 *	36 900 *	58.0

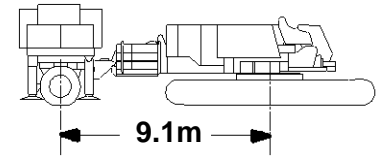


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
67.1m (220 Ft.) Boom								
11.6	82.7	69.4	125 900	166 600 *	200 200 *	234 100 *	259 500 *	11.6
12.0	82.3	69.4	119 000	160 700 *	193 200 *	225 900 *	250 300 *	12.0
14.0	80.6	69.0	92 600	136 200 *	164 500 *	192 100 *	213 200 *	14.0
16.0	78.8	68.6	74 800	117 300	142 400 *	166 600 *	185 100 *	16.0
18.0	77.1	68.1	62 000	100 300	125 000 *	146 500 *	163 100 *	18.0
20.0	75.3	67.6	52 200	85 600	110 900 *	130 400 *	145 400 *	20.0
22.0	73.5	67.0	44 600	74 300	99 100 *	117 100 *	130 700 *	22.0
24.0	71.7	66.3	38 400	65 300	89 300 *	105 900 *	118 500 *	24.0
26.0	69.9	65.6	33 300	57 800	80 600	96 400 *	108 000 *	26.0
28.0	68.1	64.7	29 000	51 500	72 500	88 200 *	99 000 *	28.0
30.0	66.2	63.8	25 400	46 200	65 500	81 200 *	91 300 *	30.0
32.0	64.3	62.9	22 200	41 600	59 600	74 800 *	84 400 *	32.0
34.0	62.3	61.8	19 500	37 600	54 400	69 100 *	78 300 *	34.0
36.0	60.4	60.7	17 100	34 100	49 900	64 000 *	72 900 *	36.0
38.0	58.4	59.4	15 000	31 000	45 900	59 400 *	68 000 *	38.0
40.0	56.3	58.1	13 100	28 200	42 300	55 200 *	63 700 *	40.0
42.0	54.2	56.6	11 400	25 700	39 100	51 400 *	59 700 *	42.0
44.0	52.0	55.0	9 800	23 500	36 200	48 000 *	55 900 *	44.0
46.0	49.8	53.3	8 500	21 400	33 500	44 800 *	52 400 *	46.0
48.0	47.4	51.5	7 200	19 600	31 100	41 900 *	49 200 *	48.0
50.0	45.0	49.5	6 000	17 900	28 900	39 200 *	46 200 *	50.0
52.0	42.5	47.3		16 300	26 900	36 700 *	43 500 *	52.0
54.0	39.8	44.9		14 900	25 000	34 400 *	40 900 *	54.0
56.0	37.0	42.3		13 500	23 300	32 200 *	38 500 *	56.0
58.0	34.0	39.4		12 300	21 700	30 300 *	36 300 *	58.0
60.0	30.7	36.0		11 100	20 200	28 300 *	34 200 *	60.0
62.0	27.0	32.2		10 000	18 800	26 600 *	32 200 *	62.0
64.0	22.7	27.6		8 900	17 500	24 900 *	30 300 *	64.0

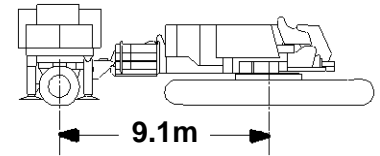


Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
73.2m (240 Ft.) Boom							
12.2	82.8	75.5	156 300 *	188 300 *	220 800 *	238 100 *	12.2
14.0	81.4	75.2	134 500 *	162 800 *	190 800 *	212 400 *	14.0
16.0	79.8	74.8	115 800 *	140 800 *	165 300 *	183 900 *	16.0
18.0	78.2	74.4	99 300	123 400 *	145 300 *	161 800 *	18.0
20.0	76.6	73.9	84 800	109 200 *	129 100 *	144 100 *	20.0
22.0	74.9	73.4	73 400	97 500 *	115 800 *	129 400 *	22.0
24.0	73.3	72.7	64 300	87 600 *	104 600 *	117 200 *	24.0
26.0	71.6	72.1	56 800	79 200	95 200 *	106 800 *	26.0
28.0	70.0	71.3	50 500	71 600	86 900 *	97 800 *	28.0
30.0	68.3	70.5	45 200	64 600	79 600 *	90 000 *	30.0
32.0	66.6	69.6	40 600	58 600	73 200 *	83 100 *	32.0
34.0	64.8	68.7	36 600	53 400	67 500 *	77 000 *	34.0
36.0	63.1	67.7	33 100	48 900	62 300 *	71 600 *	36.0
38.0	61.3	66.6	29 900	44 900	57 800 *	66 800 *	38.0
40.0	59.5	65.4	27 200	41 300	53 600 *	62 300 *	40.0
42.0	57.6	64.1	24 700	38 000	49 800 *	58 100 *	42.0
44.0	55.7	62.7	22 400	35 100	46 400 *	54 300 *	44.0
46.0	53.8	61.2	20 400	32 500	43 200 *	50 900 *	46.0
48.0	51.8	59.6	18 500	30 100	40 300 *	47 600 *	48.0
50.0	49.7	57.9	16 800	27 900	37 700 *	44 700 *	50.0
52.0	47.6	56.1	15 300	25 900	35 200 *	41 900 *	52.0
54.0	45.4	54.1	13 800	24 000	32 900 *	39 400 *	54.0
56.0	43.1	52.0	12 500	22 300	30 700 *	37 000 *	56.0
58.0	40.7	49.7	11 200	20 700	28 700 *	34 800 *	58.0
60.0	38.2	47.1	10 100	19 200	26 800 *	32 700 *	60.0
62.0	35.5	44.3	9 000	17 700	25 000 *	30 800 *	62.0
64.0	32.6	41.3	7 900	16 500	23 400 *	28 900 *	64.0
66.0	29.4	37.8	7 000	15 200	21 800 *	27 100 *	66.0
68.0	25.9	33.8	6 100	14 000	20 300 *	25 500 *	68.0
70.0	21.9	29.0	5 200	12 700 *	18 800 *	23 900 *	70.0

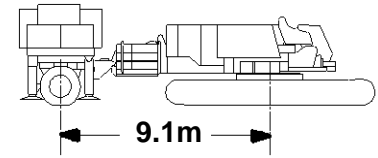


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating



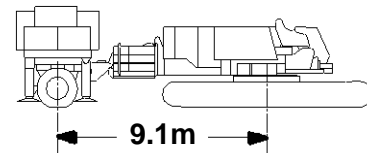
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
79.2m (260 Ft.) Boom							
13.7	82.2	81.4	136 600 *	165 400 *	194 300 *	207 800 *	13.7
14.0	82.0	81.4	133 800 *	162 100 *	190 400 *	205 000 *	14.0
16.0	80.6	81.0	114 800 *	139 800 *	164 500 *	184 100 *	16.0
18.0	79.1	80.6	98 800	122 400 *	144 500 *	161 100 *	18.0
20.0	77.6	80.2	84 300	108 300 *	128 400 *	143 400 *	20.0
22.0	76.1	79.7	73 000	96 600 *	115 100 *	128 700 *	22.0
24.0	74.6	79.1	63 900	86 700 *	103 900 *	116 500 *	24.0
26.0	73.1	78.5	56 300	78 300 *	94 400 *	106 100 *	26.0
28.0	71.6	77.8	50 000	70 900	86 000 *	97 100 *	28.0
30.0	70.0	77.1	44 700	64 100	78 700 *	89 300 *	30.0
32.0	68.5	76.3	40 100	58 100	72 300 *	82 400 *	32.0
34.0	66.9	75.4	36 100	52 900	66 600 *	76 300 *	34.0
36.0	65.3	74.5	32 500	48 400	61 500 *	70 900 *	36.0
38.0	63.7	73.5	29 400	44 300	56 900 *	66 000 *	38.0
40.0	62.1	72.4	26 700	40 700	52 700 *	61 400 *	40.0
42.0	60.4	71.3	24 100	37 500	49 000 *	57 300 *	42.0
44.0	58.7	70.0	21 900	34 600	45 500 *	53 500 *	44.0
46.0	57.0	68.7	19 900	32 000	42 400 *	50 000 *	46.0
48.0	55.2	67.3	18 000	29 600	39 500 *	46 800 *	48.0
50.0	53.4	65.8	16 300	27 300	36 800 *	43 800 *	50.0
52.0	51.6	64.2	14 700	25 300	34 300 *	41 100 *	52.0
54.0	49.7	62.5	13 300	23 500	32 100 *	38 600 *	54.0
56.0	47.7	60.7	11 900	21 700	29 900 *	36 200 *	56.0
58.0	45.7	58.8	10 700	20 100	27 900 *	34 000 *	58.0
60.0	43.6	56.7	9 500	18 600	26 000 *	31 900 *	60.0
62.0	41.4	54.4	8 500	17 200	24 300 *	29 900 *	62.0
64.0	39.1	51.9	7 400	15 900	22 600 *	28 100 *	64.0
66.0	36.7	49.3	6 500	14 500 *	21 000 *	26 400 *	66.0
68.0	34.1	46.3	5 600	13 200 *	19 500 *	24 700 *	68.0
70.0	31.4	43.1	4 700	12 000 *	18 100 *	23 200 *	70.0
74.0	25.0	35.3		9 700 *	15 500 *	20 300 *	74.0

Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
85.3m (280 Ft.) Boom						
13.7	82.8	87.6	163 700 *	175 600 *	175 600 *	13.7
14.0	82.6	87.5	160 400 *	175 000 *	175 600 *	14.0
16.0	81.3	87.2	138 100 *	165 400 *	174 200 *	16.0
18.0	79.9	86.9	120 800 *	143 300 *	161 100 *	18.0
20.0	78.5	86.4	106 600 *	127 100 *	142 100 *	20.0
22.0	77.1	86.0	94 900 *	113 700 *	127 400 *	22.0
24.0	75.8	85.5	85 000 *	102 400 *	115 200 *	24.0
26.0	74.4	84.9	76 700 *	92 700 *	104 800 *	26.0
28.0	73.0	84.3	69 400 *	84 400 *	95 800 *	28.0
30.0	71.5	83.6	63 000 *	77 000 *	88 000 *	30.0
32.0	70.1	82.8	57 100 *	70 600 *	81 200 *	32.0
34.0	68.7	82.1	51 900 *	64 900 *	75 000 *	34.0
36.0	67.2	81.2	47 300 *	59 800 *	69 500 *	36.0
38.0	65.7	80.3	43 300 *	55 300 *	64 400 *	38.0
40.0	64.2	79.3	39 700 *	51 100 *	59 800 *	40.0
42.0	62.7	78.3	36 500 *	47 400 *	55 600 *	42.0
44.0	61.2	77.2	33 600 *	43 900 *	51 900 *	44.0
46.0	59.6	76.0	30 900 *	40 800 *	48 400 *	46.0
48.0	58.0	74.7	28 500 *	37 900 *	45 200 *	48.0
50.0	56.4	73.4	26 300 *	35 200 *	42 200 *	50.0
52.0	54.8	72.0	24 300 *	32 800 *	39 500 *	52.0
54.0	53.1	70.5	22 400 *	30 500 *	37 000 *	54.0
56.0	51.4	68.8	20 600 *	28 300 *	34 600 *	56.0
58.0	49.6	67.1	18 900 *	26 300 *	32 400 *	58.0
60.0	47.8	65.3	17 300 *	24 500 *	30 300 *	60.0
62.0	45.9	63.4	15 800 *	22 700 *	28 400 *	62.0
64.0	44.0	61.3	14 300 *	21 000 *	26 500 *	64.0
66.0	42.0	59.1	13 000 *	19 500 *	24 800 *	66.0
68.0	39.9	56.7	11 700 *	18 000 *	23 200 *	68.0
70.0	37.7	54.1	10 400 *	16 600 *	21 700 *	70.0
74.0	32.9	48.3	8 200 *	14 000 *	18 800 *	74.0
78.0	27.4	41.1	6 200 *	11 700 *	16 200 *	78.0
82.0	20.5	31.7		9 500 *	13 800 *	82.0

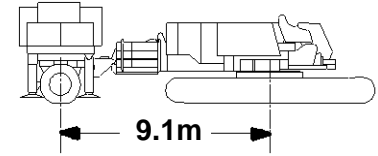


Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating



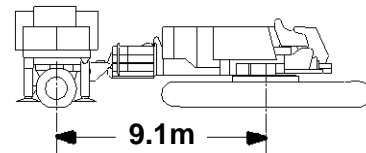
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
91.4m (300 Ft.) Boom						
15.2	82.3	93.5	144 800 *	150 500 *	150 500 *	15.2
16.0	81.8	93.4	137 400 *	150 500 *	150 500 *	16.0
18.0	80.6	93.1	119 700 *	141 900 *	150 500 *	18.0
20.0	79.3	92.7	105 600 *	126 200 *	141 600 *	20.0
22.0	78.0	92.2	93 900 *	112 700 *	126 600 *	22.0
24.0	76.7	91.8	84 000 *	101 300 *	114 400 *	24.0
26.0	75.4	91.2	75 600 *	91 700 *	104 000 *	26.0
28.0	74.1	90.6	68 300 *	83 300 *	95 000 *	28.0
30.0	72.8	90.0	62 000 *	76 000 *	87 200 *	30.0
32.0	71.5	89.3	56 400 *	69 600 *	80 300 *	32.0
34.0	70.2	88.6	51 300	63 900 *	74 100 *	34.0
36.0	68.8	87.8	46 700	58 800 *	68 500 *	36.0
38.0	67.4	87.0	42 600	54 200 *	63 400 *	38.0
40.0	66.1	86.1	39 000	50 100 *	58 800 *	40.0
42.0	64.7	85.1	35 800	46 400 *	54 600 *	42.0
44.0	63.3	84.1	32 900	42 900 *	50 900 *	44.0
46.0	61.9	83.0	30 300	39 800 *	47 400 *	46.0
48.0	60.4	81.9	27 900	36 900 *	44 200 *	48.0
50.0	58.9	80.7	25 700	34 300 *	41 300 *	50.0
52.0	57.5	79.4	23 600 *	31 800 *	38 500 *	52.0
54.0	55.9	78.0	21 600 *	29 500 *	36 000 *	54.0
56.0	54.4	76.6	19 700 *	27 400 *	33 600 *	56.0
58.0	52.8	75.1	18 000 *	25 400 *	31 400 *	58.0
60.0	51.2	73.5	16 300 *	23 500 *	29 400 *	60.0
62.0	49.6	71.7	14 800 *	21 700 *	27 400 *	62.0
64.0	47.9	69.9	13 400 *	20 100 *	25 600 *	64.0
66.0	46.1	68.0	12 000 *	18 600 *	23 900 *	66.0
68.0	44.3	66.0	10 700 *	17 100 *	22 300 *	68.0
70.0	42.5	63.8	9 500 *	15 700 *	20 700 *	70.0
74.0	38.5	58.9	7 300 *	13 100 *	17 900 *	74.0
78.0	34.2	53.3	5 300 *	10 800 *	15 300 *	78.0
82.0	29.3	46.6		8 700 *	13 000 *	82.0
86.0	23.5	38.2		6 700 *	10 800 *	86.0

Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
97.5m (320 Ft.) Boom						
15.2	82.8	99.7	129 200 *	129 200 *	129 200 *	15.2
16.0	82.4	99.6	128 800 *	129 200 *	129 200 *	16.0
18.0	81.2	99.3	119 100 *	129 200 *	129 200 *	18.0
20.0	80.0	98.9	103 900 *	125 000 *	129 200 *	20.0
22.0	78.8	98.5	92 200 *	111 000 *	125 100 *	22.0
24.0	77.6	98.0	82 300 *	99 700 *	113 100 *	24.0
26.0	76.4	97.5	73 900 *	90 000 *	102 700 *	26.0
28.0	75.1	97.0	66 700 *	81 600 *	93 700 *	28.0
30.0	73.9	96.4	60 300 *	74 400 *	85 900 *	30.0
32.0	72.7	95.8	54 800 *	68 000 *	78 800 *	32.0
34.0	71.4	95.1	49 800 *	62 300 *	72 500 *	34.0
36.0	70.2	94.4	45 400 *	57 200 *	66 800 *	36.0
38.0	68.9	93.6	41 500 *	52 600 *	61 700 *	38.0
40.0	67.7	92.8	37 900 *	48 500 *	57 200 *	40.0
42.0	66.4	91.9	34 600 *	44 700 *	53 000 *	42.0
44.0	65.1	90.9	31 600 *	41 300 *	49 300 *	44.0
46.0	63.8	89.9	28 900 *	38 200 *	45 800 *	46.0
48.0	62.4	88.9	26 400 *	35 300 *	42 600 *	48.0
50.0	61.1	87.8	24 100 *	32 600 *	39 600 *	50.0
52.0	59.7	86.6	21 900 *	30 200 *	36 900 *	52.0
54.0	58.4	85.4	19 900 *	27 900 *	34 400 *	54.0
56.0	56.9	84.0	18 100 *	25 700 *	32 000 *	56.0
58.0	55.5	82.7	16 400 *	23 800 *	29 800 *	58.0
60.0	54.1	81.2	14 700 *	21 900 *	27 800 *	60.0
62.0	52.6	79.7	13 200 *	20 200 *	25 900 *	62.0
64.0	51.1	78.1	11 800 *	18 500 *	24 000 *	64.0
66.0	49.5	76.3	10 400 *	17 000 *	22 300 *	66.0
68.0	47.9	74.5	9 200 *	15 500 *	20 700 *	68.0
70.0	46.3	72.6	8 000 *	14 100 *	19 200 *	70.0
74.0	42.9	68.4	5 800 *	11 600 *	16 400 *	74.0
78.0	39.3	63.7		9 300 *	13 800 *	78.0
82.0	35.3	58.3		7 200 *	11 500 *	82.0
86.0	30.9	52.0		5 200 *	9 400 *	86.0
90.0	25.8	44.3			7 400 *	90.0
94.0	19.5	34.3			5 600 *	94.0

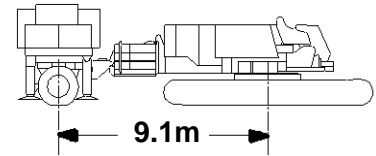


Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44
76 750 kg Crane Counterweight
27 220 kg Carbody Counterweight
0 kg Thru 209 560 kg Wheeled Counterweight
at 9.1m Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**

MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms
103.6m (340 Ft.) Boom				
16.8	82.4	105.6	112 000 *	112 000 *
18.0	81.7	105.4	112 000 *	112 000 *
20.0	80.6	105.1	112 000 *	112 000 *
22.0	79.4	104.7	108 900 *	112 000 *
24.0	78.3	104.3	98 800 *	110 600 *
26.0	77.2	103.8	88 900 *	101 800 *
28.0	76.0	103.3	80 600 *	92 800 *
30.0	74.9	102.8	73 300 *	84 800 *
32.0	73.7	102.2	66 900 *	77 700 *
34.0	72.6	101.5	61 200 *	71 400 *
36.0	71.4	100.9	56 100 *	65 700 *
38.0	70.2	100.1	51 500 *	60 700 *
40.0	69.0	99.4	47 400 *	56 100 *
42.0	67.9	98.5	43 700 *	52 000 *
44.0	66.6	97.7	40 200 *	48 200 *
46.0	65.4	96.7	37 100 *	44 700 *
48.0	64.2	95.8	34 200 *	41 500 *
50.0	63.0	94.7	31 600 *	38 600 *
52.0	61.7	93.6	29 100 *	35 900 *
54.0	60.4	92.5	26 800 *	33 300 *
56.0	59.1	91.3	24 700 *	31 000 *
58.0	57.8	90.0	22 700 *	28 800 *
60.0	56.5	88.7	20 800 *	26 700 *
62.0	55.1	87.3	19 100 *	24 800 *
64.0	53.8	85.8	17 500 *	23 000 *
66.0	52.4	84.3	15 900 *	21 300 *
68.0	51.0	82.7	14 500 *	19 700 *
70.0	49.5	80.9	13 100 *	18 100 *
74.0	46.5	77.2	10 600 *	15 300 *
78.0	43.3	73.1	8 300 *	12 800 *
82.0	39.9	68.5	6 200 *	10 500 *
86.0	36.3	63.2		8 400 *
90.0	32.2	57.2		6 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms
109.7m (360 Ft.) Boom				
16.8	82.8	111.8	97 200 *	97 200 *
18.0	82.2	111.6	97 200 *	97 200 *
20.0	81.1	111.3	97 200 *	97 200 *
22.0	80.0	110.9	97 200 *	97 200 *
24.0	79.0	110.5	95 500 *	97 200 *
26.0	77.9	110.1	87 300 *	96 900 *
28.0	76.8	109.6	78 900 *	91 600 *
30.0	75.8	109.1	71 600 *	83 100 *
32.0	74.7	108.5	65 200 *	76 000 *
34.0	73.6	107.9	59 500 *	69 700 *
36.0	72.5	107.3	54 400 *	64 100 *
38.0	71.4	106.6	49 900 *	59 000 *
40.0	70.3	105.9	45 800 *	54 500 *
42.0	69.1	105.1	42 000 *	50 300 *
44.0	68.0	104.3	38 600 *	46 500 *
46.0	66.9	103.4	35 500 *	43 100 *
48.0	65.7	102.5	32 600 *	39 900 *
50.0	64.6	101.6	29 900 *	37 000 *
52.0	63.4	100.6	27 500 *	34 200 *
54.0	62.2	99.5	25 200 *	31 700 *
56.0	61.0	98.4	23 100 *	29 400 *
58.0	59.8	97.2	21 100 *	27 200 *
60.0	58.6	96.0	19 300 *	25 100 *
62.0	57.4	94.7	17 500 *	23 200 *
64.0	56.1	93.3	15 900 *	21 400 *
66.0	54.8	91.9	14 300 *	19 700 *
68.0	53.5	90.4	12 900 *	18 100 *
70.0	52.2	88.9	11 500 *	16 500 *
74.0	49.5	85.5	9 000 *	13 700 *
78.0	46.6	81.8	6 700 *	11 200 *
82.0	43.6	77.8		8 900 *
86.0	40.5	73.2		6 800 *