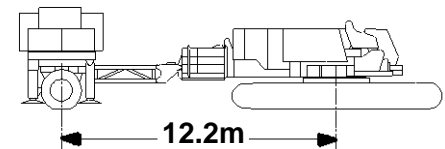


Liftcrane Boom Capacities

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 12.2m 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 ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate 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.

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	
85.3m	79.2m
108 860 kg Wheeled Counterweight	
103.6m	97.5m
164 200 kg Wheeled Counterweight	
109.7m	109.7m
209 560 kg Wheeled Counterweight	
109.7m	109.7m
Load block, hook and weight ball on ground at start.	

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

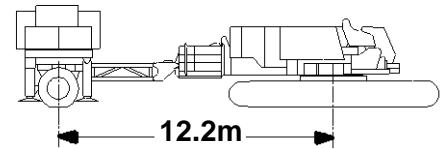


Liftcrane Boom Capacities

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 12.2m Position
360 Degree Rating



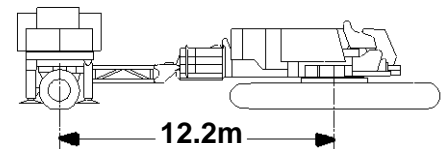
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
36.6m (120 Ft.) Boom								
7.9	82.3	39.1	199 500 *	269 800 *	335 000 *	396 200 *	408 200 *	7.9
8.0	82.2	39.1	197 800 *	267 600 *	332 200 *	392 800 *	408 200 *	8.0
9.0	80.6	38.9	176 500 *	239 400 *	297 100 *	350 200 *	392 600 *	9.0
10.0	79.0	38.7	158 800 *	216 400 *	267 700 *	315 800 *	355 300 *	10.0
11.0	77.4	38.5	138 600	197 100 *	243 300 *	287 300 *	323 400 *	11.0
12.0	75.7	38.2	120 600	180 700 *	222 800 *	263 300 *	296 500 *	12.0
14.0	72.5	37.5	94 900	154 300 *	190 100 *	225 100 *	253 800 *	14.0
16.0	69.1	36.7	77 400	132 800	165 300 *	196 100 *	221 300 *	16.0
18.0	65.6	35.8	64 700	112 400	145 900 *	173 300 *	195 900 *	18.0
20.0	62.1	34.7	55 100	97 000	130 200 *	155 000 *	175 400 *	20.0
22.0	58.4	33.5	47 500	84 900	117 200 *	139 900 *	158 400 *	22.0
24.0	54.5	32.0	41 400	75 100	106 100	127 200 *	144 200 *	24.0
26.0	50.4	30.4	36 300	67 100	95 400	116 400 *	132 200 *	26.0
28.0	46.1	28.4	32 100	60 300	86 400	107 100 *	121 700 *	28.0
30.0	41.3	26.2	28 500	54 600	78 700	99 000 *	112 700 *	30.0
32.0	36.1	23.4	25 400	49 700	72 000	91 900 *	104 700 *	32.0
34.0	29.9	20.1	22 600	45 300	66 300	85 500 *	97 600 *	34.0
36.0	22.2	15.5	20 200	41 500	61 100	79 800 *	91 300 *	36.0
42.7m (140 Ft.) Boom								
8.5	82.6	45.2	184 500 *	250 500 *	311 600 *	367 900 *	398 700 *	8.5
9.0	82.0	45.1	175 300 *	238 400 *	296 300 *	349 600 *	389 600 *	9.0
10.0	80.6	45.0	157 800 *	215 100 *	266 700 *	314 800 *	354 300 *	10.0
11.0	79.2	44.7	138 300	195 900 *	242 400 *	286 400 *	322 500 *	11.0
12.0	77.8	44.5	120 300	179 500 *	221 900 *	262 400 *	295 600 *	12.0
14.0	75.1	43.9	94 500	153 200 *	189 200 *	224 200 *	252 900 *	14.0
16.0	72.2	43.3	76 900	132 000	164 500 *	195 300 *	220 500 *	16.0
18.0	69.3	42.5	64 200	112 000	145 000 *	172 500 *	195 000 *	18.0
20.0	66.4	41.6	54 600	96 500	129 400 *	154 200 *	174 500 *	20.0
22.0	63.4	40.6	47 000	84 300	116 400 *	139 000 *	157 600 *	22.0
24.0	60.3	39.4	40 900	74 600	105 500	126 400 *	143 400 *	24.0
26.0	57.1	38.1	35 800	66 600	94 900	115 600 *	131 300 *	26.0
28.0	53.7	36.6	31 600	59 800	85 900	106 300 *	121 000 *	28.0
30.0	50.2	35.0	28 000	54 100	78 200	98 200 *	111 900 *	30.0
32.0	46.5	33.0	24 900	49 200	71 500	91 100 *	104 000 *	32.0
34.0	42.6	30.9	22 200	44 800	65 800	84 800 *	97 000 *	34.0
36.0	38.2	28.3	19 800	41 100	60 700	79 200 *	90 700 *	36.0
38.0	33.4	25.4	17 600	37 700	56 200	74 200 *	85 000 *	38.0
40.0	27.8	21.7	15 700	34 700	52 200	69 600 *	80 000 *	40.0
42.0	20.7	16.8	14 000	32 000	48 600	65 400	75 300 *	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 12.2m 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 *	232 800 *	290 200 *	342 500 *	358 800 *	9.1
10.0	81.8	51.2	156 000 *	213 400 *	265 400 *	313 500 *	351 500 *	10.0
11.0	80.6	51.0	137 800	194 200 *	241 100 *	285 100 *	321 200 *	11.0
12.0	79.4	50.8	119 700	177 900 *	220 600 *	261 200 *	294 400 *	12.0
14.0	77.0	50.3	93 800	151 600 *	188 000 *	223 000 *	251 700 *	14.0
16.0	74.5	49.7	76 200	130 700	163 300 *	194 000 *	219 300 *	16.0
18.0	72.0	49.0	63 500	111 300	143 900 *	171 300 *	193 900 *	18.0
20.0	69.5	48.3	53 800	95 700	128 200 *	153 000 *	173 400 *	20.0
22.0	67.0	47.4	46 200	83 600	115 300 *	137 900 *	156 500 *	22.0
24.0	64.4	46.4	40 000	73 800	104 500 *	125 200 *	142 300 *	24.0
26.0	61.7	45.3	35 000	65 700	94 100	114 500 *	130 200 *	26.0
28.0	58.9	44.1	30 800	59 000	85 100	105 200 *	119 800 *	28.0
30.0	56.1	42.8	27 200	53 300	77 400	97 200 *	110 800 *	30.0
32.0	53.1	41.2	24 100	48 400	70 700	90 000 *	102 900 *	32.0
34.0	50.1	39.6	21 300	44 000	65 000	83 800 *	95 900 *	34.0
36.0	46.8	37.7	19 000	40 300	59 900	78 200 *	89 700 *	36.0
38.0	43.4	35.6	16 900	36 900	55 400	73 200 *	84 000 *	38.0
40.0	39.8	33.2	15 000	33 900	51 400	68 600 *	79 000 *	40.0
42.0	35.8	30.4	13 300	31 200	47 800	64 500 *	74 300 *	42.0
44.0	31.3	27.2	11 700	28 800	44 600	60 600	70 100 *	44.0
46.0	26.1	23.3	10 300	26 600	41 600	56 900	66 300 *	46.0
48.0	19.6	18.1	9 000	24 500	38 900	53 400	62 700 *	48.0

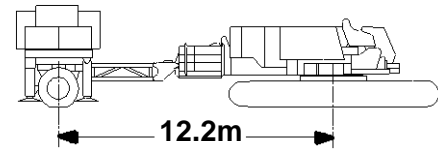


Liftcrane Boom Capacities

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 12.2m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

MAX-ER 2000 On 2250



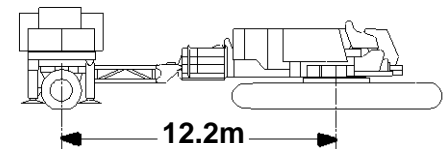
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
54.9m (180 Ft.) Boom								
9.8	83.0	57.4	158 800 *	217 500 *	271 200 *	320 500 *	323 300 *	9.8
10.0	82.7	57.3	155 000 *	212 400 *	264 800 *	312 900 *	323 300 *	10.0
11.0	81.6	57.2	137 400	193 000 *	240 200 *	284 200 *	320 700 *	11.0
12.0	80.6	57.0	119 300	176 700 *	219 800 *	260 300 *	293 500 *	12.0
14.0	78.4	56.6	93 300	150 500 *	187 200 *	222 200 *	250 800 *	14.0
16.0	76.3	56.1	75 700	129 900	162 500 *	193 200 *	218 400 *	16.0
18.0	74.1	55.5	63 000	110 900	143 100 *	170 500 *	193 000 *	18.0
20.0	71.9	54.8	53 300	95 200	127 400 *	152 200 *	172 600 *	20.0
22.0	69.7	54.0	45 700	83 100	114 500 *	137 100 *	155 700 *	22.0
24.0	67.4	53.2	39 500	73 300	103 700 *	124 500 *	141 500 *	24.0
26.0	65.1	52.2	34 500	65 200	93 600	113 700 *	129 500 *	26.0
28.0	62.7	51.2	30 200	58 500	84 500	104 500 *	119 100 *	28.0
30.0	60.3	50.0	26 600	52 700	76 800	96 400 *	110 100 *	30.0
32.0	57.9	48.8	23 500	47 800	70 200	89 400 *	102 200 *	32.0
34.0	55.3	47.4	20 800	43 500	64 400	83 100 *	95 200 *	34.0
36.0	52.7	45.8	18 500	39 700	59 400	77 500 *	89 000 *	36.0
38.0	49.9	44.1	16 300	36 400	54 900	72 500 *	83 400 *	38.0
40.0	47.1	42.3	14 400	33 400	50 900	68 000 *	78 300 *	40.0
42.0	44.1	40.2	12 800	30 700	47 300	63 900 *	73 700 *	42.0
44.0	40.9	37.9	11 200	28 300	44 100	60 100	69 500 *	44.0
46.0	37.5	35.3	9 800	26 100	41 100	56 400	65 700 *	46.0
48.0	33.8	32.4	8 500	24 100	38 400	53 000	62 100 *	48.0
50.0	29.6	28.9	7 400	22 200	36 000	49 900	58 900 *	50.0
52.0	24.8	24.8	6 200	20 500	33 700	47 100	55 900 *	52.0
54.0	18.7	19.3	5 200	18 900	31 600	44 500	53 100 *	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 12.2m 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	192 000 *	239 700 *	283 800 *	291 400 *	11.0
12.0	81.5	63.2	118 800	175 200 *	218 600 *	259 100 *	288 800 *	12.0
14.0	79.6	62.8	92 800	148 900 *	186 000 *	221 000 *	249 700 *	14.0
16.0	77.7	62.3	75 000	128 600	161 300 *	192 000 *	217 200 *	16.0
18.0	75.8	61.8	62 200	110 200	141 900 *	169 300 *	191 900 *	18.0
20.0	73.8	61.2	52 500	94 400	126 200 *	151 000 *	171 400 *	20.0
22.0	71.8	60.6	44 800	82 200	113 300 *	135 900 *	154 500 *	22.0
24.0	69.8	59.8	38 700	72 400	102 500 *	123 300 *	140 300 *	24.0
26.0	67.8	59.0	33 600	64 300	92 700	112 500 *	128 300 *	26.0
28.0	65.7	58.1	29 300	57 600	83 600	103 300 *	117 900 *	28.0
30.0	63.6	57.0	25 700	51 800	75 900	95 200 *	108 900 *	30.0
32.0	61.4	55.9	22 600	46 900	69 300	88 100 *	101 000 *	32.0
34.0	59.3	54.7	19 900	42 600	63 500	81 900 *	94 000 *	34.0
36.0	57.0	53.4	17 500	38 800	58 400	76 300 *	87 800 *	36.0
38.0	54.7	52.0	15 400	35 400	53 900	71 300 *	82 200 *	38.0
40.0	52.3	50.4	13 500	32 400	49 900	66 800 *	77 100 *	40.0
42.0	49.9	48.7	11 800	29 700	46 300	62 700 *	72 500 *	42.0
44.0	47.3	46.9	10 300	27 300	43 100	58 900 *	68 300 *	44.0
46.0	44.6	44.9	8 800	25 100	40 200	55 400	64 500 *	46.0
48.0	41.8	42.6	7 600	23 100	37 500	52 100	61 000 *	48.0
50.0	38.8	40.1	6 400	21 300	35 000	49 000	57 700 *	50.0
52.0	35.6	37.4	5 300	19 600	32 700	46 100	54 700 *	52.0
54.0	32.1	34.2		18 000	30 700	43 500	51 900 *	54.0
56.0	28.2	30.6		16 600	28 700	41 100	49 300 *	56.0
58.0	23.6	26.2		15 200	26 900	38 800	46 900 *	58.0

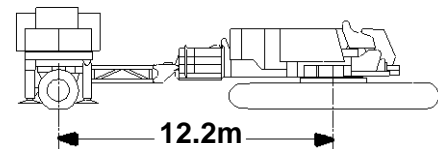


Liftcrane Boom Capacities

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 12.2m Position
360 Degree Rating



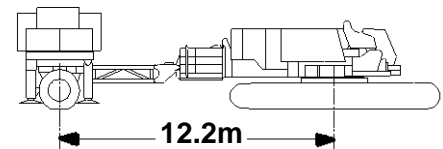
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
67.1m (220 Ft.) Boom								
11.6	82.7	69.4	125 900	180 800 *	226 100 *	263 000 *	263 000 *	11.6
12.0	82.3	69.4	119 000	174 400 *	218 100 *	257 100 *	263 000 *	12.0
14.0	80.6	69.0	92 600	148 100 *	185 400 *	220 400 *	250 800 *	14.0
16.0	78.8	68.6	74 800	128 000 *	160 600 *	191 400 *	216 600 *	16.0
18.0	77.1	68.1	62 000	110 000	141 300 *	168 800 *	191 300 *	18.0
20.0	75.3	67.6	52 200	94 100	125 700 *	150 500 *	170 800 *	20.0
22.0	73.5	67.0	44 600	81 900	112 700 *	135 300 *	153 900 *	22.0
24.0	71.7	66.3	38 400	72 100	101 900 *	122 700 *	139 800 *	24.0
26.0	69.9	65.6	33 300	64 000	92 400	112 000 *	127 700 *	26.0
28.0	68.1	64.7	29 000	57 200	83 200	102 700 *	117 400 *	28.0
30.0	66.2	63.8	25 400	51 500	75 500	94 700 *	108 300 *	30.0
32.0	64.3	62.9	22 200	46 500	68 900	87 600 *	100 400 *	32.0
34.0	62.3	61.8	19 500	42 200	63 100	81 300 *	93 400 *	34.0
36.0	60.4	60.7	17 100	38 400	58 000	75 800 *	87 200 *	36.0
38.0	58.4	59.4	15 000	35 000	53 500	70 800 *	81 600 *	38.0
40.0	56.3	58.1	13 100	32 100	49 500	66 200 *	76 600 *	40.0
42.0	54.2	56.6	11 400	29 400	45 900	62 100 *	72 000 *	42.0
44.0	52.0	55.0	9 800	26 900	42 700	58 400 *	67 800 *	44.0
46.0	49.8	53.3	8 500	24 700	39 700	55 000	64 000 *	46.0
48.0	47.4	51.5	7 200	22 700	37 100	51 700	60 500 *	48.0
50.0	45.0	49.5	6 000	20 900	34 600	48 600	57 200 *	50.0
52.0	42.5	47.3		19 200	32 400	45 700	54 200 *	52.0
54.0	39.8	44.9		17 600	30 300	43 200	51 400 *	54.0
56.0	37.0	42.3		16 200	28 300	40 700	48 900 *	56.0
58.0	34.0	39.4		14 800	26 500	38 500	46 400 *	58.0
60.0	30.7	36.0		13 600	24 900	36 400	44 200 *	60.0
62.0	27.0	32.2		12 400	23 300	34 400	42 000 *	62.0
64.0	22.7	27.6		11 200	21 800	32 600	40 000 *	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 12.2m 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	169 800 *	213 100 *	238 100 *	238 100 *	12.2
14.0	81.4	75.2	146 400 *	184 100 *	220 300 *	231 100 *	14.0
16.0	79.8	74.8	126 300 *	159 400 *	190 100 *	218 000 *	16.0
18.0	78.2	74.4	108 900 *	140 000 *	167 500 *	190 000 *	18.0
20.0	76.6	73.9	93 300 *	124 400 *	149 200 *	169 500 *	20.0
22.0	74.9	73.4	81 000 *	111 500 *	134 100 *	152 600 *	22.0
24.0	73.3	72.7	71 200 *	100 600 *	121 400 *	138 500 *	24.0
26.0	71.6	72.1	63 100 *	91 500 *	110 700 *	126 400 *	26.0
28.0	70.0	71.3	56 300 *	82 300 *	101 500 *	116 100 *	28.0
30.0	68.3	70.5	50 500 *	74 600 *	93 400 *	107 100 *	30.0
32.0	66.6	69.6	45 500 *	67 900 *	86 300 *	99 200 *	32.0
34.0	64.8	68.7	41 200 *	62 100 *	80 100 *	92 200 *	34.0
36.0	63.1	67.7	37 400 *	57 000 *	74 500 *	85 900 *	36.0
38.0	61.3	66.6	34 000 *	52 600 *	69 500 *	80 400 *	38.0
40.0	59.5	65.4	31 000 *	48 500 *	65 000 *	75 300 *	40.0
42.0	57.6	64.1	28 300 *	44 900 *	60 900 *	70 700 *	42.0
44.0	55.7	62.7	25 900 *	41 700 *	57 200 *	66 600 *	44.0
46.0	53.8	61.2	23 700 *	38 700 *	53 700 *	62 800 *	46.0
48.0	51.8	59.6	21 700 *	36 000 *	50 600 *	59 300 *	48.0
50.0	49.7	57.9	19 800 *	33 600 *	47 600 *	56 000 *	50.0
52.0	47.6	56.1	18 200 *	31 300 *	44 700 *	53 000 *	52.0
54.0	45.4	54.1	16 600 *	29 300 *	42 100 *	50 200 *	54.0
56.0	43.1	52.0	15 100 *	27 300 *	39 700 *	47 600 *	56.0
58.0	40.7	49.7	13 800 *	25 500 *	37 400 *	45 300 *	58.0
60.0	38.2	47.1	12 500 *	23 800 *	35 300 *	43 000 *	60.0
62.0	35.5	44.3	11 400 *	22 300 *	33 200 *	40 900 *	62.0
64.0	32.6	41.3	10 300 *	20 800 *	31 300 *	38 900 *	64.0
66.0	29.4	37.8	9 200 *	19 500 *	29 500 *	36 900 *	66.0
68.0	25.9	33.8	8 200 *	18 200 *	27 800 *	34 900 *	68.0
70.0	21.9	29.0	7 300 *	16 900 *	26 100 *	33 100 *	70.0

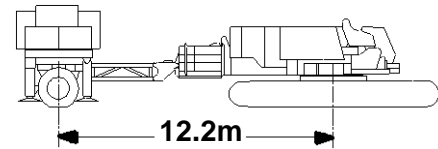


Liftcrane Boom Capacities

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 12.2m 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	148 800 *	187 500 *	207 800 *	207 800 *	13.7
14.0	82.0	81.4	145 800 *	183 800 *	206 300 *	207 500 *	14.0
16.0	80.6	81.0	125 400 *	158 600 *	191 300 *	205 500 *	16.0
18.0	79.1	80.6	108 400	139 300 *	166 800 *	190 800 *	18.0
20.0	77.6	80.2	92 800	123 700 *	148 500 *	168 800 *	20.0
22.0	76.1	79.7	80 600	110 800 *	133 300 *	151 900 *	22.0
24.0	74.6	79.1	70 700	99 900 *	120 700 *	137 800 *	24.0
26.0	73.1	78.5	62 600	90 700	110 000 *	125 800 *	26.0
28.0	71.6	77.8	55 800	81 800	100 700 *	115 400 *	28.0
30.0	70.0	77.1	50 000	74 100	92 700 *	106 400 *	30.0
32.0	68.5	76.3	45 000	67 400	85 600 *	98 500 *	32.0
34.0	66.9	75.4	40 700	61 600	79 400 *	91 500 *	34.0
36.0	65.3	74.5	36 900	56 500	73 800 *	85 300 *	36.0
38.0	63.7	73.5	33 500	52 000	68 800 *	79 700 *	38.0
40.0	62.1	72.4	30 500	48 000	64 300 *	74 600 *	40.0
42.0	60.4	71.3	27 800	44 400	60 200 *	70 100 *	42.0
44.0	58.7	70.0	25 400	41 100	56 500 *	65 900 *	44.0
46.0	57.0	68.7	23 100	38 200	53 100 *	62 100 *	46.0
48.0	55.2	67.3	21 200	35 500	49 900 *	58 600 *	48.0
50.0	53.4	65.8	19 300	33 000	46 900 *	55 300 *	50.0
52.0	51.6	64.2	17 600	30 800	44 100 *	52 300 *	52.0
54.0	49.7	62.5	16 000	28 700	41 400 *	49 600 *	54.0
56.0	47.7	60.7	14 600	26 800	38 900 *	47 000 *	56.0
58.0	45.7	58.8	13 300	25 000	36 600 *	44 600 *	58.0
60.0	43.6	56.7	12 000	23 300	34 500 *	42 300 *	60.0
62.0	41.4	54.4	10 900	21 800	32 400 *	40 200 *	62.0
64.0	39.1	51.9	9 800	20 300	30 500 *	38 200 *	64.0
66.0	36.7	49.3	8 700	19 000	28 700 *	36 100 *	66.0
68.0	34.1	46.3	7 800	17 600	27 000 *	34 200 *	68.0
70.0	31.4	43.1	6 800	16 400	25 400 *	32 400 *	70.0
74.0	25.0	35.3	5 100	14 200	22 400 *	29 000 *	74.0

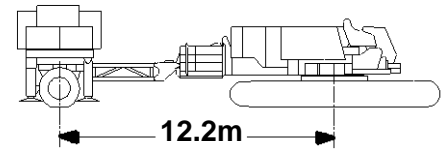


Liftcrane Boom Capacities

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 12.2m 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
85.3m (280 Ft.) Boom							
13.7	82.8	87.6	147 100 *	175 600 *	175 600 *	175 600 *	13.7
14.0	82.6	87.5	144 100 *	173 900 *	175 600 *	175 600 *	14.0
16.0	81.3	87.2	123 700 *	158 700 *	175 600 *	175 600 *	16.0
18.0	79.9	86.9	107 300	138 000 *	165 100 *	175 600 *	18.0
20.0	78.5	86.4	91 900	122 300 *	147 200 *	168 000 *	20.0
22.0	77.1	86.0	79 700	109 400 *	132 100 *	150 600 *	22.0
24.0	75.8	85.5	69 700	98 700 *	119 400 *	136 500 *	24.0
26.0	74.4	84.9	61 600	89 400	108 700 *	124 400 *	26.0
28.0	73.0	84.3	54 800	80 900	99 500 *	114 100 *	28.0
30.0	71.5	83.6	49 000	73 100	91 400 *	105 100 *	30.0
32.0	70.1	82.8	44 000	66 400	84 300 *	97 200 *	32.0
34.0	68.7	82.1	39 700	60 600	78 100 *	90 200 *	34.0
36.0	67.2	81.2	35 800	55 500	72 500 *	84 000 *	36.0
38.0	65.7	80.3	32 500	51 000	67 500 *	78 400 *	38.0
40.0	64.2	79.3	29 400	46 900	63 000 *	73 300 *	40.0
42.0	62.7	78.3	26 800	43 300	58 900 *	68 800 *	42.0
44.0	61.2	77.2	24 300	40 100	55 200 *	64 600 *	44.0
46.0	59.6	76.0	22 100	37 100	51 700 *	60 800 *	46.0
48.0	58.0	74.7	20 100	34 400	48 400 *	57 300 *	48.0
50.0	56.4	73.4	18 300	32 000	45 300 *	54 100 *	50.0
52.0	54.8	72.0	16 500	29 700	42 500 *	51 100 *	52.0
54.0	53.1	70.5	15 000	27 600	39 800 *	48 300 *	54.0
56.0	51.4	68.8	13 600	25 700	37 300 *	45 700 *	56.0
58.0	49.6	67.1	12 200	23 900	35 100 *	43 300 *	58.0
60.0	47.8	65.3	10 900	22 300	32 900 *	41 000 *	60.0
62.0	45.9	63.4	9 800	20 700	30 900 *	38 700 *	62.0
64.0	44.0	61.3	8 700	19 200	28 900 *	36 600 *	64.0
66.0	42.0	59.1	7 700	17 900	27 200 *	34 600 *	66.0
68.0	39.9	56.7	6 700	16 600	25 500 *	32 700 *	68.0
70.0	37.7	54.1	5 800	15 300	23 800 *	30 800 *	70.0
74.0	32.9	48.3		12 800 *	20 900 *	27 500 *	74.0
78.0	27.4	41.1		10 500 *	18 200 *	24 500 *	78.0
82.0	20.5	31.7		8 400 *	15 700 *	21 700 *	82.0

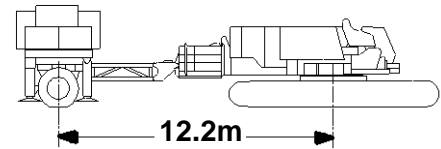


Liftcrane Boom Capacities

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 12.2m Position
360 Degree Rating



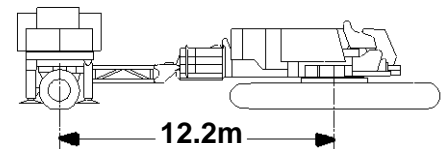
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
91.4m (300 Ft.) Boom						
15.2	82.3	93.5	150 500 *	150 500 *	150 500 *	15.2
16.0	81.8	93.4	149 600 *	150 500 *	150 500 *	16.0
18.0	80.6	93.1	138 300 *	150 500 *	150 500 *	18.0
20.0	79.3	92.7	121 500 *	146 900 *	150 500 *	20.0
22.0	78.0	92.2	108 600 *	131 300 *	147 400 *	22.0
24.0	76.7	91.8	97 800 *	118 600 *	136 100 *	24.0
26.0	75.4	91.2	88 400 *	107 900 *	123 600 *	26.0
28.0	74.1	90.6	80 200	98 600 *	113 300 *	28.0
30.0	72.8	90.0	72 500	90 600 *	104 300 *	30.0
32.0	71.5	89.3	65 800	83 600 *	96 400 *	32.0
34.0	70.2	88.6	60 000	77 300 *	89 400 *	34.0
36.0	68.8	87.8	54 800	71 700 *	83 200 *	36.0
38.0	67.4	87.0	50 300	66 700 *	77 600 *	38.0
40.0	66.1	86.1	46 300	62 200 *	72 600 *	40.0
42.0	64.7	85.1	42 700	58 200 *	68 000 *	42.0
44.0	63.3	84.1	39 400	54 300 *	63 800 *	44.0
46.0	61.9	83.0	36 500	50 800 *	60 000 *	46.0
48.0	60.4	81.9	33 800	47 400 *	56 500 *	48.0
50.0	58.9	80.7	31 400	44 300 *	53 300 *	50.0
52.0	57.5	79.4	29 100	41 500 *	50 300 *	52.0
54.0	55.9	78.0	27 000	38 800 *	47 600 *	54.0
56.0	54.4	76.6	25 100	36 400 *	45 000 *	56.0
58.0	52.8	75.1	23 300	34 100 *	42 500 *	58.0
60.0	51.2	73.5	21 600	31 900 *	40 100 *	60.0
62.0	49.6	71.7	20 100	29 900 *	37 800 *	62.0
64.0	47.9	69.9	18 600	28 000 *	35 700 *	64.0
66.0	46.1	68.0	17 200 *	26 200 *	33 600 *	66.0
68.0	44.3	66.0	15 800 *	24 600 *	31 700 *	68.0
70.0	42.5	63.8	14 400 *	22 900 *	29 900 *	70.0
74.0	38.5	58.9	11 900 *	20 000 *	26 600 *	74.0
78.0	34.2	53.3	9 700 *	17 300 *	23 600 *	78.0
82.0	29.3	46.6	7 600 *	14 900 *	20 900 *	82.0
86.0	23.5	38.2	5 700 *	12 700 *	18 400 *	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 12.2m 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	129 200 *	129 200 *	129 200 *	16.0
18.0	81.2	99.3	129 200 *	129 200 *	129 200 *	18.0
20.0	80.0	98.9	120 500 *	129 200 *	129 200 *	20.0
22.0	78.8	98.5	107 200 *	127 100 *	129 200 *	22.0
24.0	77.6	98.0	96 100 *	117 900 *	129 200 *	24.0
26.0	76.4	97.5	86 700 *	106 600 *	122 400 *	26.0
28.0	75.1	97.0	78 600 *	97 300 *	112 000 *	28.0
30.0	73.9	96.4	71 400	89 300 *	103 000 *	30.0
32.0	72.7	95.8	64 700	82 200 *	95 100 *	32.0
34.0	71.4	95.1	58 900	76 000 *	88 100 *	34.0
36.0	70.2	94.4	53 800	70 400 *	81 900 *	36.0
38.0	68.9	93.6	49 300	65 500 *	76 300 *	38.0
40.0	67.7	92.8	45 300	60 900 *	71 300 *	40.0
42.0	66.4	91.9	41 600	56 700 *	66 700 *	42.0
44.0	65.1	90.9	38 400	52 800 *	62 600 *	44.0
46.0	63.8	89.9	35 400	49 100 *	58 800 *	46.0
48.0	62.4	88.9	32 700	45 800 *	55 300 *	48.0
50.0	61.1	87.8	30 300	42 700 *	52 000 *	50.0
52.0	59.7	86.6	28 000	39 900 *	49 000 *	52.0
54.0	58.4	85.4	25 900	37 200 *	46 200 *	54.0
56.0	56.9	84.0	24 000	34 800 *	43 500 *	56.0
58.0	55.5	82.7	22 200	32 500 *	40 900 *	58.0
60.0	54.1	81.2	20 500 *	30 300 *	38 500 *	60.0
62.0	52.6	79.7	18 700 *	28 300 *	36 200 *	62.0
64.0	51.1	78.1	17 100 *	26 400 *	34 100 *	64.0
66.0	49.5	76.3	15 600 *	24 700 *	32 100 *	66.0
68.0	47.9	74.5	14 200 *	23 000 *	30 100 *	68.0
70.0	46.3	72.6	12 900 *	21 400 *	28 300 *	70.0
74.0	42.9	68.4	10 400 *	18 400 *	25 000 *	74.0
78.0	39.3	63.7	8 100 *	15 800 *	22 100 *	78.0
82.0	35.3	58.3	6 100 *	13 400 *	19 300 *	82.0
86.0	30.9	52.0		11 200 *	16 800 *	86.0
90.0	25.8	44.3		9 100 *	14 600 *	90.0
94.0	19.5	34.3		7 200 *	12 400 *	94.0

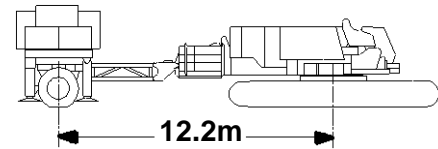


Liftcrane Boom Capacities

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 12.2m Position
360 Degree Rating



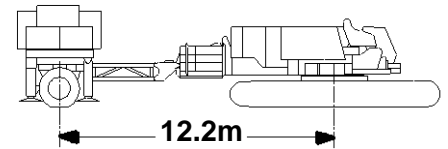
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
103.6m (340 Ft.) Boom						
16.8	82.4	105.6	112 000 *	112 000 *	112 000 *	16.8
18.0	81.7	105.4	112 000 *	112 000 *	112 000 *	18.0
20.0	80.6	105.1	111 800 *	112 000 *	112 000 *	20.0
22.0	79.4	104.7	107 100 *	112 000 *	112 000 *	22.0
24.0	78.3	104.3	95 000 *	112 000 *	112 000 *	24.0
26.0	77.2	103.8	85 600 *	105 800 *	112 000 *	26.0
28.0	76.0	103.3	77 500 *	96 500 *	110 000 *	28.0
30.0	74.9	102.8	70 400 *	88 500 *	102 300 *	30.0
32.0	73.7	102.2	64 100	81 400 *	94 300 *	32.0
34.0	72.6	101.5	58 200	75 200 *	87 300 *	34.0
36.0	71.4	100.9	53 100	69 600 *	81 000 *	36.0
38.0	70.2	100.1	48 600	64 600 *	75 500 *	38.0
40.0	69.0	99.4	44 500	59 900 *	70 400 *	40.0
42.0	67.9	98.5	41 000	55 600 *	65 900 *	42.0
44.0	66.6	97.7	37 700	51 700 *	61 700 *	44.0
46.0	65.4	96.7	34 700	48 000 *	57 900 *	46.0
48.0	64.2	95.8	32 000	44 700 *	54 400 *	48.0
50.0	63.0	94.7	29 600	41 700 *	51 200 *	50.0
52.0	61.7	93.6	27 300	38 800 *	48 200 *	52.0
54.0	60.4	92.5	25 200	36 200 *	45 200 *	54.0
56.0	59.1	91.3	23 200 *	33 700 *	42 400 *	56.0
58.0	57.8	90.0	21 200 *	31 400 *	39 800 *	58.0
60.0	56.5	88.7	19 400 *	29 300 *	37 400 *	60.0
62.0	55.1	87.3	17 700 *	27 300 *	35 100 *	62.0
64.0	53.8	85.8	16 100 *	25 400 *	33 000 *	64.0
66.0	52.4	84.3	14 600 *	23 600 *	31 000 *	66.0
68.0	51.0	82.7	13 200 *	21 900 *	29 100 *	68.0
70.0	49.5	80.9	11 900 *	20 300 *	27 300 *	70.0
74.0	46.5	77.2	9 400 *	17 400 *	24 000 *	74.0
78.0	43.3	73.1	7 100 *	14 800 *	21 100 *	78.0
82.0	39.9	68.5	5 100 *	12 400 *	18 400 *	82.0
86.0	36.3	63.2		10 200 *	15 900 *	86.0
90.0	32.2	57.2		8 200 *	13 600 *	90.0
94.0	27.7	50.0		6 300 *	11 500 *	94.0
98.0	22.3	41.1			9 600 *	98.0

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 12.2m 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
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	97 200 *	97 200 *
26.0	77.9	110.1	97 200 *	97 200 *
28.0	76.8	109.6	94 900 *	97 200 *
30.0	75.8	109.1	87 200 *	97 200 *
32.0	74.7	108.5	80 100 *	92 900 *
34.0	73.6	107.9	73 900 *	86 000 *
36.0	72.5	107.3	68 300 *	79 800 *
38.0	71.4	106.6	63 100 *	74 200 *
40.0	70.3	105.9	58 300 *	69 100 *
42.0	69.1	105.1	54 000 *	64 600 *
44.0	68.0	104.3	50 000 *	60 400 *
46.0	66.9	103.4	46 400 *	56 600 *
48.0	65.7	102.5	43 100 *	53 100 *
50.0	64.6	101.6	40 000 *	49 800 *
52.0	63.4	100.6	37 200 *	46 500 *
54.0	62.2	99.5	34 600 *	43 600 *
56.0	61.0	98.4	32 100 *	40 800 *
58.0	59.8	97.2	29 800 *	38 200 *
60.0	58.6	96.0	27 700 *	35 800 *
62.0	57.4	94.7	25 700 *	33 500 *
64.0	56.1	93.3	23 800 *	31 400 *
66.0	54.8	91.9	22 000 *	29 400 *
68.0	53.5	90.4	20 300 *	27 500 *
70.0	52.2	88.9	18 800 *	25 800 *
74.0	49.5	85.5	15 800 *	22 500 *
78.0	46.6	81.8	13 200 *	19 500 *
82.0	43.6	77.8	10 800 *	16 800 *
86.0	40.5	73.2	8 600 *	14 300 *
90.0	37.1	68.1	6 600 *	12 100 *
94.0	33.4	62.3	4 800 *	10 000 *
98.0	29.3	55.5		8 100 *
102.0	24.5	47.3		6 300 *