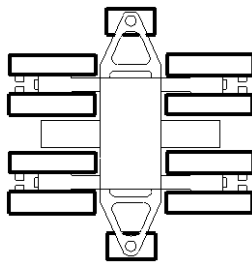
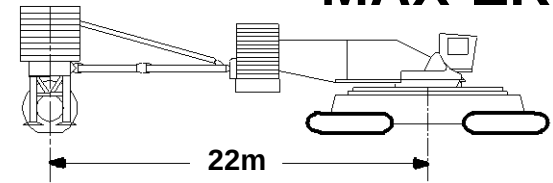


Liftcrane Boom Capacities

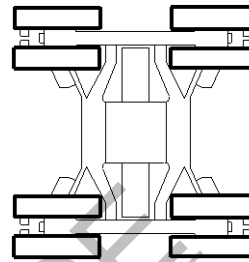
Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



Narrow Crawler Arrangement
360 Degree Rating on Outriggers
Or
Front or Rear Rating With or Without
Retracted Outrigger Jacks



Wide Crawler Arrangement
360 Degree Rating

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 544 300 kg require tandem lower boom points. 97.5m thru 115.8m 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 97.5m thru 115.8m 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 22 130 kg or 44 270 kg 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 (9.1m) 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 (14.5m) 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 (9.1m) travel allowed only with upperworks centered over front or rear of lowerworks (no swing) with outrigger jacks retracted or outriggers removed.

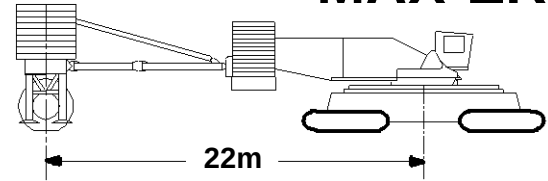
Wide Crawler Arrangement: Wide crawler arrangement (14.5m) travel allowed with 360 degree rating.

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
0 kg Thru 509 840 kg Wheeled Counterweight
at 22m 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 4 978 mm crawlers, 1 219 mm treads, 42.7m mast, 8 534 mm

retractable gantry, 20 part boom hoist reeving, boom support straps, 224 390 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and wheeled counterweight as specified.

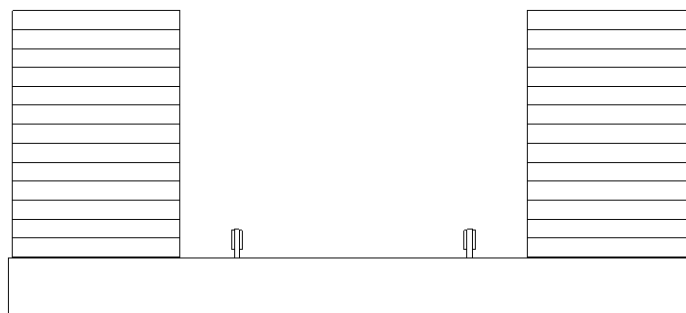
Warning: Front carbody platform must be removed when raising or lowering boom.

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 kg Wheeled Counterweight	
Over End of Blocked Crawlers	Over End of Unblocked Crawlers
109.7m	103.6m
With 110 680 kg - 509 840 kg Wheeled Counterweight	
Over End of Unblocked Crawlers	
115.8m	
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.



224 390 kg Crane Counterweight
26 Side Boxes

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

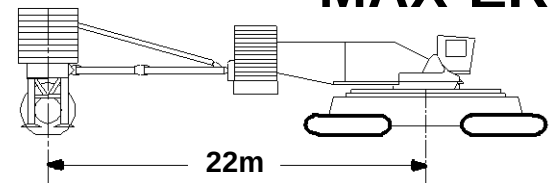
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position

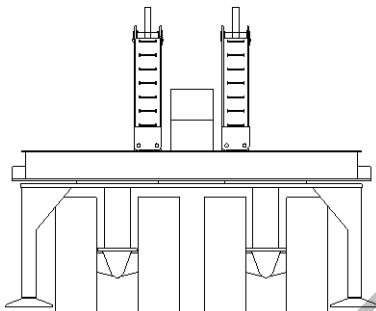
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

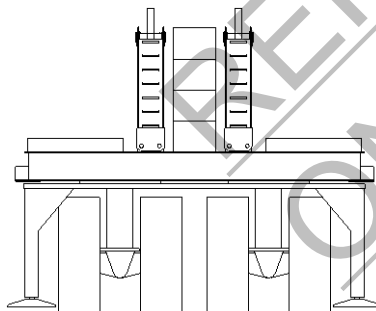
**21000
MAX-ER**



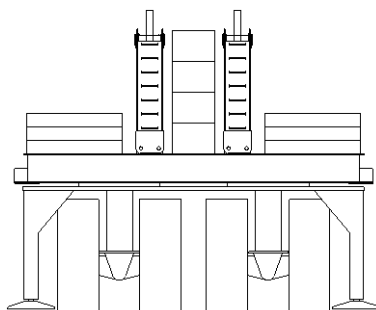
0 kg Wheeled Counterweight
(without shear frame)



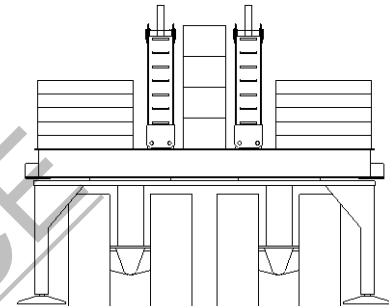
110 680 kg Wheeled Counterweight
2 Center Boxes



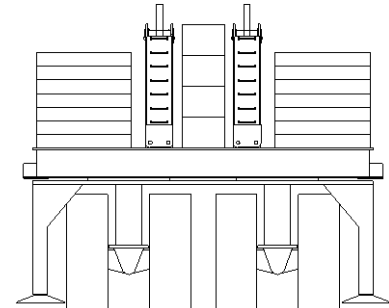
190 510 kg Wheeled Counterweight
2 Side Boxes - 4 Center Boxes



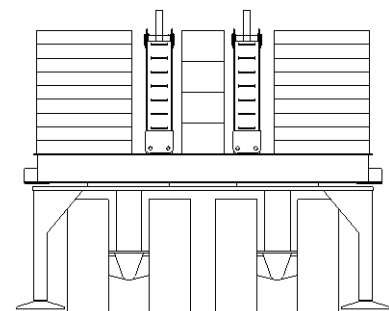
270 340 kg Wheeled Counterweight
6 Side Boxes - 4 Center Boxes



350 170 kg Wheeled Counterweight
10 Side Boxes - 4 Center Boxes



430 010 kg Wheeled Counterweight
14 Side Boxes - 4 Center Boxes



509 840 kg Wheeled Counterweight
18 Side Boxes - 4 Center Boxes

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

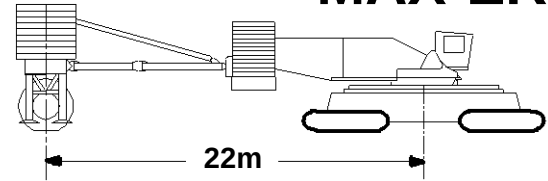
90 720 kg Carbody Counterweight

**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



42.7m (140 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
8.5	82.7	45.3	635 500*	838 600*	907 100*	907 100*	907 100*	907 100*	907 100*	8.5
9.0	82.1	45.3	604 000*	797 600*	907 100*	907 100*	907 100*	907 100*	907 100*	9.0
10.0	80.7	45.1	544 100*	719 500*	837 800*	907 100*	907 100*	907 100*	907 100*	10.0
11.0	79.3	44.9	494 900*	655 400*	762 900*	871 000*	907 100*	907 100*	907 100*	11.0
12.0	78.0	44.6	453 300*	601 200*	700 400*	799 600*	891 900*	907 100*	907 100*	12.0
14.0	75.2	44.1	387 100*	514 900*	600 600*	686 400*	772 000*	863 200*	899 700*	14.0
16.0	72.3	43.4	336 700*	449 200*	524 600*	600 200*	675 600*	750 900*	832 800*	16.0
18.0	69.5	42.7	295 900*	397 600*	465 000*	532 500*	599 900*	667 100*	734 200*	18.0
20.0	66.5	41.8	261 600*	356 000*	416 900*	477 900*	538 700*	599 500*	660 200*	20.0
22.0	63.5	40.8	233 700*	321 600*	377 100*	432 700*	488 200*	543 700*	599 000*	22.0
24.0	60.4	39.6	210 600*	292 700*	343 800*	394 900*	445 900*	496 800*	547 700*	24.0
26.0	57.2	38.3	191 100*	268 200*	315 400*	362 700*	409 900*	457 100*	504 100*	26.0
28.0	53.9	36.9	174 500*	247 000*	290 900*	335 000*	378 900*	422 700*	466 500*	28.0
30.0	50.4	35.2	160 100*	228 600*	269 700*	310 800*	351 900*	392 900*	433 800*	30.0
32.0	46.7	33.3	147 500*	212 000*	251 000*	289 600*	328 200*	366 700*	405 100*	32.0
34.0	42.8	31.2	136 500*	197 100*	234 400*	270 800*	307 200*	343 400*	379 600*	34.0
36.0	38.5	28.7	126 600*	183 800*	219 600*	254 000*	288 400*	322 700*	354 800*	36.0
38.0	33.7	25.7	117 800*	171 900*	206 300*	239 000*	271 600*	304 100*	325 600*	38.0

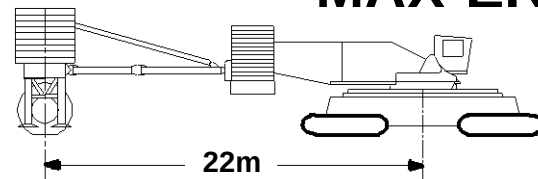
48.8m (160 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
9.1	82.9	51.4	591 500*	782 200*	907 100*	907 100*	907 100*	907 100*	907 100*	9.1
10.0	81.9	51.3	541 500*	716 900*	834 900*	907 100*	907 100*	907 100*	907 100*	10.0
11.0	80.7	51.1	492 300*	652 800*	760 400*	868 400*	907 100*	907 100*	907 100*	11.0
12.0	79.5	50.9	450 800*	598 700*	697 800*	797 100*	890 200*	907 100*	907 100*	12.0
14.0	77.1	50.4	384 700*	512 400*	598 100*	683 900*	769 600*	860 600*	899 200*	14.0
16.0	74.6	49.9	334 300*	446 800*	522 300*	597 800*	673 200*	748 400*	830 100*	16.0
18.0	72.2	49.2	293 700*	395 300*	462 700*	530 200*	597 500*	664 700*	731 800*	18.0
20.0	69.6	48.4	259 500*	353 700*	414 600*	475 500*	536 400*	597 200*	657 800*	20.0
22.0	67.1	47.6	231 600*	319 300*	374 800*	430 400*	486 000*	541 400*	596 700*	22.0
24.0	64.5	46.6	208 500*	290 500*	341 500*	392 600*	443 700*	494 600*	545 500*	24.0
26.0	61.8	45.5	189 100*	266 000*	313 200*	360 500*	407 700*	454 800*	501 900*	26.0
28.0	59.1	44.3	172 500*	244 800*	288 800*	332 800*	376 700*	420 600*	464 300*	28.0
30.0	56.2	43.0	158 100*	226 400*	267 500*	308 700*	349 700*	390 700*	431 600*	30.0
32.0	53.3	41.5	145 500*	210 000*	248 900*	287 500*	326 000*	364 600*	403 000*	32.0
34.0	50.2	39.8	134 500*	195 100*	232 300*	268 700*	305 100*	341 300*	377 500*	34.0
36.0	47.0	37.9	124 700*	181 900*	217 500*	252 000*	286 300*	320 600*	354 900*	36.0
38.0	43.6	35.8	115 900*	170 000*	204 300*	237 000*	269 500*	302 100*	334 600*	38.0
40.0	40.0	33.5	108 000*	159 400*	192 300*	223 400*	254 400*	285 300*	316 200*	40.0
42.0	36.0	30.7	100 800*	149 700*	181 500*	211 100*	240 600*	270 100*	298 900*	42.0
44.0	31.6	27.6	94 300*	140 900*	171 600*	199 900*	228 100*	256 200*	277 700*	44.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

54.9m (180 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
10.4	82.4	57.4	520 900*	690 600*	804 400*	880 500*	880 500*	880 500*	880 500*	10.4
11.0	81.7	57.3	490 600*	651 200*	758 700*	867 300*	880 500*	880 500*	880 500*	11.0
12.0	80.7	57.1	449 200*	597 100*	696 200*	795 500*	880 500*	880 500*	880 500*	12.0
14.0	78.5	56.7	383 000*	510 800*	596 500*	682 300*	768 000*	860 800*	877 300*	14.0
16.0	76.4	56.2	332 700*	445 200*	520 600*	596 200*	671 600*	746 800*	831 700*	16.0
18.0	74.2	55.6	292 200*	393 700*	461 100*	528 600*	595 900*	663 200*	730 300*	18.0
20.0	72.0	55.0	258 000*	352 100*	413 000*	474 000*	534 900*	595 600*	656 300*	20.0
22.0	69.8	54.2	230 100*	317 700*	373 200*	428 900*	484 400*	539 800*	595 100*	22.0
24.0	67.5	53.4	207 000*	288 900*	340 000*	391 100*	442 100*	493 100*	543 900*	24.0
26.0	65.2	52.4	187 600*	264 400*	311 700*	359 000*	406 200*	453 300*	500 300*	26.0
28.0	62.9	51.4	171 000*	243 300*	287 300*	331 300*	375 200*	419 100*	462 800*	28.0
30.0	60.5	50.2	156 600*	224 900*	266 000*	307 200*	348 200*	389 300*	430 200*	30.0
32.0	58.0	49.0	144 100*	208 600*	247 400*	286 000*	324 600*	363 100*	401 500*	32.0
34.0	55.4	47.6	133 100*	193 700*	230 900*	267 300*	303 600*	339 900*	376 100*	34.0
36.0	52.8	46.1	123 300*	180 500*	216 100*	250 600*	284 900*	319 200*	353 400*	36.0
38.0	50.1	44.4	114 500*	168 700*	202 900*	235 600*	268 100*	300 700*	333 100*	38.0
40.0	47.2	42.5	106 700*	158 000*	191 000*	222 000*	253 000*	283 900*	314 800*	40.0
42.0	44.3	40.5	99 500*	148 400*	180 100*	209 700*	239 300*	268 700*	298 200*	42.0
44.0	41.1	38.2	93 000*	139 700*	170 200*	198 500*	226 700*	254 900*	283 000*	44.0
46.0	37.7	35.6	87 100*	131 700*	161 200*	188 300*	215 300*	242 200*	269 100*	46.0
48.0	34.0	32.7	81 600*	124 300*	152 900*	178 800*	204 700*	230 600*	256 200*	48.0
50.0	29.9	29.3	76 600*	117 600*	145 000*	170 100*	195 000*	219 800*	240 200*	50.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

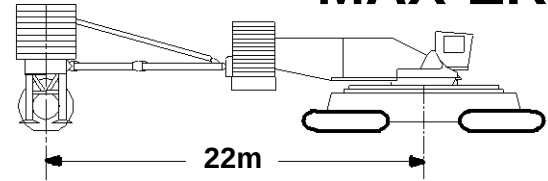
90 720 kg Carbody Counterweight

**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



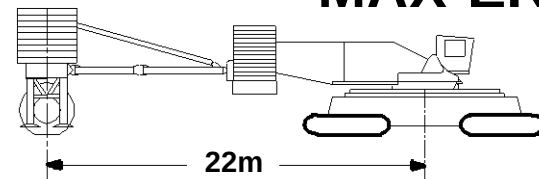
61.0m (200 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
11.0	82.6	63.5	490 300*	651 100*	759 000*	845 400*	845 400*	845 400*	845 400*	11.0
12.0	81.6	63.3	447 500*	595 400*	694 500*	796 100*	845 400*	845 400*	845 400*	12.0
14.0	79.7	62.9	381 300*	509 100*	594 700*	680 500*	768 800*	833 700*	845 400*	14.0
16.0	77.8	62.5	330 900*	443 400*	518 800*	594 400*	669 700*	748 000*	814 200*	16.0
18.0	75.8	62.0	290 500*	391 800*	459 200*	526 700*	594 000*	661 300*	729 600*	18.0
20.0	73.9	61.4	256 300*	350 200*	411 100*	472 000*	532 900*	593 700*	654 400*	20.0
22.0	71.9	60.7	228 400*	315 800*	371 300*	426 900*	482 400*	537 900*	593 200*	22.0
24.0	69.9	60.0	205 200*	286 900*	338 000*	389 100*	440 100*	491 100*	541 900*	24.0
26.0	67.9	59.1	185 800*	262 400*	309 700*	357 000*	404 200*	451 300*	498 300*	26.0
28.0	65.8	58.2	169 100*	241 300*	285 200*	329 200*	373 200*	417 000*	460 800*	28.0
30.0	63.7	57.2	154 700*	222 900*	264 000*	305 100*	346 200*	387 200*	428 100*	30.0
32.0	61.5	56.1	142 200*	206 700*	245 300*	283 900*	322 500*	361 000*	399 400*	32.0
34.0	59.4	54.9	131 100*	191 800*	228 800*	265 200*	301 500*	337 800*	374 000*	34.0
36.0	57.1	53.6	121 300*	178 500*	214 000*	248 400*	282 800*	317 100*	351 300*	36.0
38.0	54.8	52.2	112 500*	166 700*	200 800*	233 400*	266 000*	298 600*	331 000*	38.0
40.0	52.4	50.7	104 600*	156 000*	188 800*	219 900*	250 900*	281 800*	312 700*	40.0
42.0	50.0	49.0	97 500*	146 400*	178 000*	207 600*	237 100*	266 600*	296 100*	42.0
44.0	47.4	47.1	91 000*	137 600*	168 100*	196 400*	224 600*	252 800*	280 900*	44.0
46.0	44.8	45.1	85 100*	129 600*	159 100*	186 200*	213 200*	240 100*	267 000*	46.0
48.0	41.9	42.9	79 600*	122 300*	150 800*	176 700*	202 600*	228 500*	254 300*	48.0
50.0	39.0	40.5	74 600*	115 600*	143 000*	168 000*	192 900*	217 800*	242 500*	50.0
52.0	35.8	37.7	70 000*	109 300*	135 700*	160 000*	183 900*	207 800*	231 700*	52.0
54.0	32.3	34.6	65 300*	103 500*	128 900*	152 500*	175 600*	198 600*	221 400*	54.0
56.0	28.4	31.0	60 600*	98 200*	122 600*	145 500*	167 800*	190 000*	208 700*	56.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

67.1m (220 Ft.) Boom

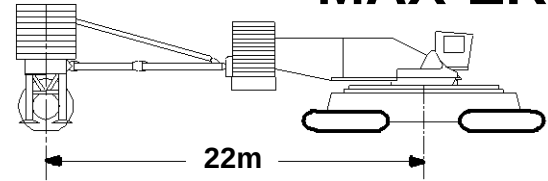
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
11.6	82.7	69.5	462 300*	615 200*	717 700*	796 800*	796 800*	796 800*	796 800*	11.6
12.0	82.4	69.5	446 000*	593 900*	693 200*	785 100*	796 700*	796 700*	796 700*	12.0
14.0	80.6	69.1	379 400*	507 200*	592 900*	678 700*	770 400*	794 600*	796 200*	14.0
16.0	78.9	68.7	329 000*	441 500*	516 900*	592 400*	667 900*	752 000*	789 900*	16.0
18.0	77.2	68.3	288 800*	389 800*	457 200*	524 700*	592 100*	659 300*	731 400*	18.0
20.0	75.4	67.7	254 500*	348 200*	409 100*	470 100*	531 000*	591 700*	652 400*	20.0
22.0	73.6	67.1	226 500*	313 700*	369 300*	424 900*	480 400*	535 800*	591 100*	22.0
24.0	71.8	66.5	203 400*	284 900*	335 900*	387 100*	438 100*	489 000*	539 900*	24.0
26.0	70.0	65.7	183 900*	260 300*	307 600*	354 900*	402 100*	449 300*	496 300*	26.0
28.0	68.1	64.9	167 200*	239 200*	283 100*	327 200*	371 100*	414 900*	458 700*	28.0
30.0	66.3	64.0	152 700*	220 800*	261 900*	303 000*	344 100*	385 100*	426 000*	30.0
32.0	64.4	63.1	140 200*	204 600*	243 200*	281 800*	320 400*	358 900*	397 300*	32.0
34.0	62.4	62.0	129 100*	189 800*	226 600*	263 100*	299 400*	335 700*	371 900*	34.0
36.0	60.5	60.9	119 300*	176 500*	211 900*	246 300*	280 700*	315 000*	349 200*	36.0
38.0	58.5	59.6	110 500*	164 600*	198 700*	231 300*	263 900*	296 400*	328 900*	38.0
40.0	56.4	58.3	102 600*	154 000*	186 700*	217 800*	248 700*	279 700*	310 600*	40.0
42.0	54.3	56.8	95 400*	144 300*	175 900*	205 400*	235 000*	264 500*	293 900*	42.0
44.0	52.1	55.3	89 000*	135 600*	166 000*	194 300*	222 500*	250 600*	278 800*	44.0
46.0	49.9	53.6	83 000*	127 600*	156 900*	184 000*	211 000*	238 000*	264 900*	46.0
48.0	47.6	51.8	77 600*	120 300*	148 600*	174 600*	200 500*	226 400*	252 100*	48.0
50.0	45.2	49.8	72 600*	113 500*	140 900*	165 900*	190 800*	215 600*	240 400*	50.0
52.0	42.6	47.6	67 900*	107 300*	133 700*	157 900*	181 800*	205 700*	229 500*	52.0
54.0	40.0	45.2	62 900*	101 500*	126 900*	150 400*	173 400*	196 500*	219 500*	54.0
56.0	37.2	42.6	58 200*	96 200*	120 600*	143 400*	165 700*	187 900*	210 100*	56.0
58.0	34.2	39.7	53 800*	91 100*	114 700*	136 900*	158 400*	179 900*	201 300*	58.0
60.0	30.9	36.4	49 700*	86 500*	109 300*	130 900*	151 700*	172 400*	192 900*	60.0
62.0	27.2	32.6	45 900*	82 100*	104 100*	125 200*	145 300*	165 400*	182 000*	62.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
 224 390 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 0 kg Thru 509 840 kg Wheeled Counterweight
 at 22m Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



73.2m (240 Ft.) Boom

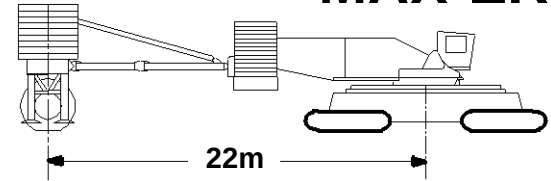
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
12.2	82.9	75.6	437 500*	583 100*	680 800*	744 600*	744 600*	744 600*	744 600*	12.2
14.0	81.4	75.3	378 300*	506 200*	591 800*	680 200*	737 900*	742 100*	742 100*	14.0
16.0	79.8	75.0	327 900*	440 400*	515 800*	591 300*	671 300*	726 800*	736 100*	16.0
18.0	78.2	74.5	287 800*	388 800*	456 100*	523 600*	591 000*	661 400*	718 400*	18.0
20.0	76.6	74.0	253 600*	347 100*	408 000*	468 900*	529 800*	590 600*	651 200*	20.0
22.0	75.0	73.5	225 600*	312 600*	368 100*	423 800*	479 300*	534 700*	590 000*	22.0
24.0	73.4	72.9	202 400*	283 800*	334 800*	385 900*	437 000*	487 900*	538 700*	24.0
26.0	71.7	72.2	182 800*	259 200*	306 400*	353 700*	401 000*	448 100*	495 100*	26.0
28.0	70.0	71.5	166 100*	238 000*	282 000*	326 000*	369 900*	413 700*	457 500*	28.0
30.0	68.4	70.7	151 700*	219 600*	260 700*	301 800*	342 900*	383 900*	424 800*	30.0
32.0	66.7	69.8	139 100*	203 500*	242 000*	280 700*	319 200*	357 700*	396 100*	32.0
34.0	64.9	68.9	128 000*	188 700*	225 500*	261 900*	298 200*	334 500*	370 700*	34.0
36.0	63.2	67.8	118 200*	175 400*	210 700*	245 200*	279 500*	313 800*	348 000*	36.0
38.0	61.4	66.7	109 400*	163 500*	197 500*	230 100*	262 700*	295 300*	327 700*	38.0
40.0	59.6	65.6	101 500*	152 900*	185 500*	216 600*	247 600*	278 500*	309 400*	40.0
42.0	57.7	64.3	94 400*	143 200*	174 700*	204 300*	233 800*	263 300*	292 700*	42.0
44.0	55.8	62.9	87 900*	134 500*	164 800*	193 100*	221 300*	249 500*	277 600*	44.0
46.0	53.9	61.5	81 900*	126 500*	155 800*	182 900*	209 900*	236 800*	263 700*	46.0
48.0	51.9	59.9	76 500*	119 200*	147 500*	173 400*	199 300*	225 200*	251 000*	48.0
50.0	49.8	58.2	71 500*	112 400*	139 800*	164 700*	189 600*	214 400*	239 200*	50.0
52.0	47.7	56.4	66 700*	106 200*	132 600*	156 700*	180 600*	204 500*	228 400*	52.0
54.0	45.5	54.4	61 700*	100 400*	125 800*	149 200*	172 300*	195 300*	218 300*	54.0
56.0	43.2	52.3	57 000*	95 100*	119 500*	142 300*	164 600*	186 800*	208 900*	56.0
58.0	40.8	50.0	52 700*	90 100*	113 700*	135 800*	157 300*	178 800*	200 200*	58.0
60.0	38.3	47.4	48 600*	85 400*	108 200*	129 800*	150 500*	171 300*	192 000*	60.0
62.0	35.6	44.7	44 800*	81 100*	103 100*	124 100*	144 200*	164 300*	184 400*	62.0
64.0	32.8	41.6	41 200*	76 900*	98 300*	118 700*	138 200*	157 700*	177 200*	64.0
66.0	29.6	38.2	37 800*	73 100*	93 800*	113 700*	132 600*	151 500*	170 100*	66.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



79.2m (260 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
13.7	82.3	81.5	384 800*	515 100*	602 500*	680 200*	680 200*	680 200*	680 200*	13.7
14.0	82.1	81.5	377 100*	505 100*	590 900*	669 000*	679 100*	679 100*	679 100*	14.0
16.0	80.6	81.2	325 800*	438 400*	513 800*	590 500*	658 200*	670 700*	670 700*	16.0
18.0	79.2	80.8	285 900*	386 700*	454 100*	521 500*	590 800*	650 900*	662 300*	18.0
20.0	77.7	80.3	251 700*	345 000*	405 900*	466 800*	527 700*	588 500*	651 100*	20.0
22.0	76.2	79.8	223 700*	310 500*	366 000*	421 700*	477 200*	532 600*	588 000*	22.0
24.0	74.7	79.3	200 400*	281 600*	332 700*	383 800*	434 800*	485 800*	536 600*	24.0
26.0	73.2	78.7	180 900*	257 100*	304 300*	351 600*	398 800*	445 900*	493 000*	26.0
28.0	71.7	78.0	164 100*	235 900*	279 800*	323 800*	367 800*	411 600*	455 400*	28.0
30.0	70.1	77.2	149 700*	217 500*	258 500*	299 700*	340 800*	381 700*	422 700*	30.0
32.0	68.6	76.5	137 100*	201 300*	239 800*	278 500*	317 100*	355 600*	393 900*	32.0
34.0	67.0	75.6	126 000*	186 700*	223 300*	259 700*	296 100*	332 300*	368 600*	34.0
36.0	65.4	74.7	116 100*	173 300*	208 600*	243 000*	277 300*	311 600*	345 800*	36.0
38.0	63.8	73.7	107 300*	161 400*	195 300*	228 000*	260 600*	293 100*	325 500*	38.0
40.0	62.1	72.6	99 400*	150 800*	183 400*	214 400*	245 400*	276 300*	307 200*	40.0
42.0	60.5	71.5	92 200*	141 100*	172 500*	202 100*	231 600*	261 100*	290 600*	42.0
44.0	58.8	70.2	85 700*	132 400*	162 600*	190 900*	219 100*	247 300*	275 400*	44.0
46.0	57.1	68.9	79 800*	124 400*	153 600*	180 600*	207 600*	234 600*	261 500*	46.0
48.0	55.3	67.6	74 400*	117 000*	145 300*	171 200*	197 100*	223 000*	248 800*	48.0
50.0	53.5	66.1	69 400*	110 300*	137 600*	162 500*	187 400*	212 300*	237 000*	50.0
52.0	51.6	64.5	64 100*	104 100*	130 400*	154 500*	178 500*	202 400*	226 200*	52.0
54.0	49.7	62.8	59 100*	98 300*	123 700*	147 100*	170 100*	193 200*	216 100*	54.0
56.0	47.8	61.0	54 400*	93 000*	117 400*	140 100*	162 400*	184 600*	206 800*	56.0
58.0	45.8	59.0	50 100*	88 000*	111 600*	133 700*	155 100*	176 600*	198 000*	58.0
60.0	43.7	56.9	46 000*	83 300*	106 100*	127 600*	148 400*	169 100*	189 800*	60.0
62.0	41.5	54.7	42 200*	78 900*	101 000*	121 900*	142 000*	162 200*	182 200*	62.0
64.0	39.2	52.2	38 700*	74 900*	96 200*	116 600*	136 100*	155 600*	175 000*	64.0
66.0	36.8	49.6	35 300*	71 000*	91 700*	111 600*	130 500*	149 400*	168 200*	66.0
68.0	34.3	46.7	32 100*	67 400*	87 500*	106 800*	125 200*	143 500*	161 800*	68.0
70.0	31.5	43.5	29 100*	63 900*	83 400*	102 300*	120 200*	138 000*	155 800*	70.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

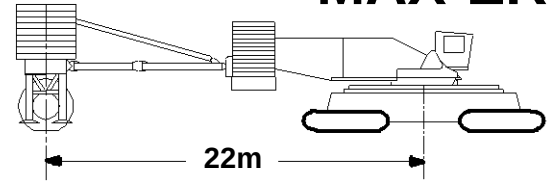
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



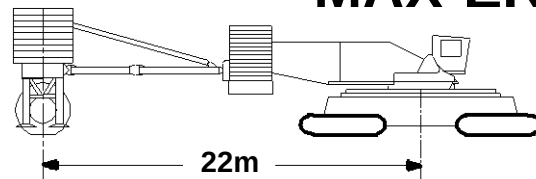
85.3m (280 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
13.7	82.9	87.7	383 400*	513 800*	601 100*	619 700*	619 700*	619 700*	619 700*	13.7
14.0	82.7	87.7	375 800*	503 800*	589 600*	618 900*	618 900*	618 900*	618 900*	14.0
16.0	81.3	87.4	324 500*	437 000*	512 400*	594 100*	612 600*	612 600*	612 600*	16.0
18.0	79.9	87.0	284 700*	385 300*	452 700*	520 400*	586 100*	605 300*	605 300*	18.0
20.0	78.6	86.6	250 500*	343 600*	404 500*	465 500*	526 400*	589 300*	598 100*	20.0
22.0	77.2	86.1	222 400*	309 100*	364 700*	420 300*	475 800*	531 200*	583 200*	22.0
24.0	75.8	85.6	199 200*	280 200*	331 300*	382 400*	433 400*	484 400*	536 400*	24.0
26.0	74.4	85.0	179 600*	255 700*	302 900*	350 200*	397 400*	444 600*	491 600*	26.0
28.0	73.0	84.4	162 900*	234 500*	278 400*	322 400*	366 400*	410 200*	454 000*	28.0
30.0	71.6	83.7	148 400*	216 100*	257 200*	298 300*	339 400*	380 400*	421 300*	30.0
32.0	70.2	83.0	135 800*	199 900*	238 500*	277 100*	315 700*	354 200*	392 600*	32.0
34.0	68.7	82.2	124 700*	185 400*	221 900*	258 300*	294 700*	331 000*	367 200*	34.0
36.0	67.3	81.4	114 800*	172 000*	207 200*	241 600*	275 900*	310 300*	344 500*	36.0
38.0	65.8	80.5	106 100*	160 200*	193 900*	226 600*	259 200*	291 700*	324 100*	38.0
40.0	64.3	79.5	98 100*	149 500*	181 900*	213 000*	244 000*	274 900*	305 800*	40.0
42.0	62.8	78.5	91 000*	139 800*	171 100*	200 700*	230 300*	259 700*	289 200*	42.0
44.0	61.3	77.4	84 500*	131 100*	161 300*	189 500*	217 700*	245 900*	274 000*	44.0
46.0	59.7	76.2	78 500*	123 100*	152 200*	179 300*	206 300*	233 200*	260 200*	46.0
48.0	58.1	74.9	73 100*	115 700*	143 900*	169 900*	195 800*	221 600*	247 400*	48.0
50.0	56.5	73.6	68 000*	109 000*	136 200*	161 200*	186 100*	210 900*	235 700*	50.0
52.0	54.9	72.2	62 600*	102 800*	129 200*	153 100*	177 100*	201 000*	224 800*	52.0
54.0	53.2	70.7	57 600*	97 000*	122 400*	145 700*	168 800*	191 800*	214 800*	54.0
56.0	51.5	69.1	52 900*	91 700*	116 100*	138 800*	161 000*	183 200*	205 400*	56.0
58.0	49.7	67.4	48 600*	86 700*	110 300*	132 300*	153 800*	175 200*	196 700*	58.0
60.0	47.9	65.6	44 500*	82 000*	104 800*	126 200*	147 000*	167 800*	188 500*	60.0
62.0	46.0	63.6	40 700*	77 700*	99 700*	120 600*	140 700*	160 800*	180 900*	62.0
64.0	44.1	61.6	37 200*	73 600*	95 000*	115 300*	134 800*	154 200*	173 700*	64.0
66.0	42.1	59.4	33 800*	69 700*	90 500*	110 300*	129 200*	148 000*	166 900*	66.0
68.0	40.0	57.0	30 600*	66 100*	86 200*	105 500*	123 900*	142 200*	160 500*	68.0
70.0	37.8	54.4	27 600*	62 700*	82 200*	101 100*	118 900*	136 700*	154 500*	70.0
74.0	33.1	48.6	22 100*	56 400*	74 800*	92 800*	109 700*	126 600*	143 400*	74.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

91.4m (300 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
15.2	82.4	93.6	340 200*	458 100*	537 200*	565 900*	565 900*	565 900*	565 900*	15.2
16.0	81.9	93.5	323 300*	436 100*	511 700*	562 100*	563 500*	563 500*	563 500*	16.0
18.0	80.6	93.2	282 700*	383 200*	450 600*	521 900*	557 200*	557 200*	557 200*	18.0
20.0	79.3	92.8	248 600*	341 400*	402 300*	463 300*	525 300*	550 800*	550 800*	20.0
22.0	78.1	92.4	220 500*	306 900*	362 500*	418 100*	473 600*	533 800*	544 200*	22.0
24.0	76.8	91.9	197 200*	278 100*	329 100*	380 200*	431 300*	482 200*	529 600*	24.0
26.0	75.5	91.4	177 600*	253 500*	300 700*	348 000*	395 300*	442 400*	489 400*	26.0
28.0	74.2	90.8	160 800*	232 300*	276 200*	320 300*	364 200*	408 000*	451 800*	28.0
30.0	72.9	90.2	146 400*	213 900*	254 900*	296 100*	337 200*	378 200*	419 100*	30.0
32.0	71.5	89.5	133 700*	197 700*	236 300*	274 900*	313 500*	351 900*	390 400*	32.0
34.0	70.2	88.8	122 600*	183 300*	219 700*	256 100*	292 400*	328 700*	364 900*	34.0
36.0	68.9	88.0	112 700*	169 900*	204 900*	239 300*	273 700*	308 000*	342 300*	36.0
38.0	67.5	87.1	103 900*	158 000*	191 700*	224 300*	256 900*	289 400*	321 900*	38.0
40.0	66.1	86.3	96 000*	147 300*	179 700*	210 800*	241 800*	272 700*	303 600*	40.0
42.0	64.7	85.3	88 800*	137 700*	168 900*	198 500*	228 000*	257 500*	286 900*	42.0
44.0	63.3	84.3	82 300*	128 900*	159 000*	187 300*	215 500*	243 700*	271 800*	44.0
46.0	61.9	83.2	76 400*	120 900*	150 000*	177 100*	204 100*	231 000*	257 900*	46.0
48.0	60.5	82.1	70 900*	113 600*	141 700*	167 600*	193 500*	219 400*	245 200*	48.0
50.0	59.0	80.9	65 400*	106 800*	134 000*	159 000*	183 800*	208 700*	233 500*	50.0
52.0	57.5	79.6	59 900*	100 600*	126 900*	150 900*	174 900*	198 700*	222 600*	52.0
54.0	56.0	78.2	54 900*	94 900*	120 300*	143 500*	166 500*	189 500*	212 500*	54.0
56.0	54.5	76.8	50 200*	89 500*	114 000*	136 500*	158 800*	181 000*	203 200*	56.0
58.0	52.9	75.3	45 800*	84 500*	108 100*	130 100*	151 600*	173 000*	194 400*	58.0
60.0	51.3	73.7	41 800*	79 900*	102 700*	124 000*	144 800*	165 600*	186 300*	60.0
62.0	49.6	72.0	38 000*	75 500*	97 600*	118 400*	138 500*	158 600*	178 600*	62.0
64.0	48.0	70.2	34 400*	71 500*	92 800*	113 100*	132 600*	152 000*	171 400*	64.0
66.0	46.2	68.3	31 100*	67 600*	88 300*	108 000*	126 900*	145 900*	164 700*	66.0
68.0	44.4	66.2	27 900*	64 000*	84 100*	103 300*	121 700*	140 000*	158 300*	68.0
70.0	42.6	64.0	24 900*	60 500*	80 100*	98 900*	116 700*	134 500*	152 300*	70.0
74.0	38.7	59.2	19 400*	54 200*	72 700*	90 600*	107 500*	124 400*	141 200*	74.0
78.0	34.4	53.7		48 600*	66 100*	83 200*	99 200*	115 200*	131 200*	78.0
82.0	29.5	47.0		43 200*	60 000*	76 400*	91 700*	106 900*	122 100*	82.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

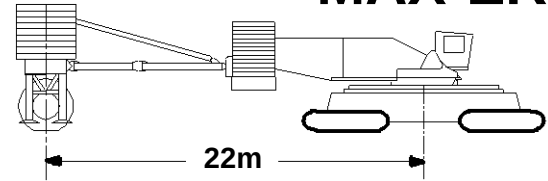
90 720 kg Carbody Counterweight

**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



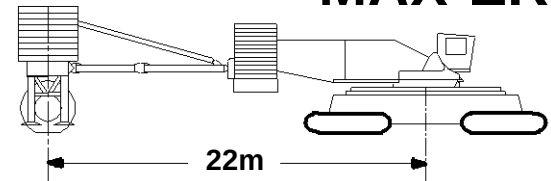
97.5m (320 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
15.2	82.9	99.8	341 600*	459 500*	500 600*	500 600*	500 600*	500 600*	500 600*	15.2
16.0	82.4	99.7	324 700*	437 500*	494 000*	500 600*	500 600*	500 600*	500 600*	16.0
18.0	81.2	99.4	284 100*	384 600*	454 900*	500 600*	500 600*	500 600*	500 600*	18.0
20.0	80.0	99.0	250 200*	342 800*	403 700*	465 300*	499 400*	500 600*	500 600*	20.0
22.0	78.8	98.6	222 000*	308 400*	363 900*	419 500*	478 800*	499 000*	499 000*	22.0
24.0	77.6	98.2	198 800*	279 500*	330 500*	381 700*	432 700*	482 600*	493 500*	24.0
26.0	76.4	97.7	179 100*	254 900*	302 200*	349 500*	396 700*	443 800*	486 600*	26.0
28.0	75.2	97.1	162 400*	233 800*	277 700*	321 700*	365 600*	409 500*	453 800*	28.0
30.0	74.0	96.6	147 900*	215 300*	256 400*	297 600*	338 600*	379 600*	420 500*	30.0
32.0	72.7	95.9	135 300*	199 200*	237 800*	276 400*	314 900*	353 400*	391 900*	32.0
34.0	71.5	95.3	124 200*	184 800*	221 200*	257 600*	293 900*	330 200*	366 400*	34.0
36.0	70.3	94.5	114 300*	171 500*	206 400*	240 800*	275 200*	309 500*	343 800*	36.0
38.0	69.0	93.8	105 500*	159 600*	193 200*	225 900*	258 400*	291 000*	323 400*	38.0
40.0	67.7	92.9	97 600*	148 900*	181 300*	212 300*	243 300*	274 200*	305 100*	40.0
42.0	66.4	92.0	90 400*	139 300*	170 400*	200 000*	229 500*	259 000*	288 500*	42.0
44.0	65.1	91.1	83 900*	130 500*	160 500*	188 800*	217 000*	245 200*	273 300*	44.0
46.0	63.8	90.1	78 000*	122 500*	151 500*	178 600*	205 600*	232 600*	259 400*	46.0
48.0	62.5	89.1	72 500*	115 200*	143 200*	169 200*	195 100*	220 900*	246 700*	48.0
50.0	61.2	88.0	67 500*	108 500*	135 600*	160 500*	185 400*	210 200*	235 000*	50.0
52.0	59.8	86.8	62 300*	102 200*	128 500*	152 500*	176 400*	200 300*	224 200*	52.0
54.0	58.4	85.6	57 200*	96 500*	121 900*	145 000*	168 100*	191 100*	214 100*	54.0
56.0	57.0	84.3	52 600*	91 100*	115 600*	138 100*	160 400*	182 600*	204 700*	56.0
58.0	55.6	82.9	48 200*	86 100*	109 700*	131 700*	153 100*	174 600*	196 000*	58.0
60.0	54.1	81.4	44 100*	81 500*	104 300*	125 600*	146 400*	167 200*	187 900*	60.0
62.0	52.7	79.9	40 300*	77 200*	99 200*	120 000*	140 100*	160 200*	180 200*	62.0
64.0	51.1	78.3	36 800*	73 100*	94 500*	114 600*	134 100*	153 600*	173 100*	64.0
66.0	49.6	76.6	33 400*	69 200*	90 000*	109 700*	128 600*	147 500*	166 300*	66.0
68.0	48.0	74.8	30 300*	65 600*	85 700*	104 900*	123 300*	141 600*	159 900*	68.0
70.0	46.4	72.9	27 300*	62 200*	81 800*	100 500*	118 300*	136 200*	153 900*	70.0
74.0	43.0	68.7	21 800*	55 900*	74 400*	92 300*	109 200*	126 000*	142 900*	74.0
78.0	39.4	64.0		50 300*	67 800*	84 900*	100 900*	116 900*	132 900*	78.0
82.0	35.4	58.6		45 200*	61 800*	78 200*	93 400*	108 700*	123 900*	82.0
86.0	31.1	52.3		40 100*	56 300*	72 100*	86 600*	101 100*	115 600*	86.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

103.6m (340 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
16.8	82.4	105.7	305 500*	413 100*	439 100*	439 100*	439 100*	439 100*	439 100*	16.8
18.0	81.7	105.6	282 400*	383 000*	439 100*	439 100*	439 100*	439 100*	439 100*	18.0
20.0	80.6	105.2	248 300*	340 700*	401 700*	438 100*	439 100*	439 100*	439 100*	20.0
22.0	79.5	104.8	220 000*	306 200*	361 700*	420 800*	439 100*	439 100*	439 100*	22.0
24.0	78.4	104.4	196 700*	277 300*	328 300*	379 400*	427 200*	439 100*	439 100*	24.0
26.0	77.2	104.0	177 100*	252 700*	300 000*	347 200*	394 500*	437 700*	439 100*	26.0
28.0	76.1	103.5	160 300*	231 500*	275 500*	319 500*	363 400*	407 700*	437 500*	28.0
30.0	74.9	102.9	145 800*	213 100*	254 200*	295 300*	336 400*	377 400*	420 700*	30.0
32.0	73.8	102.3	133 200*	196 900*	235 500*	274 100*	312 700*	351 200*	389 600*	32.0
34.0	72.6	101.7	122 000*	182 600*	218 900*	255 300*	291 700*	328 000*	364 200*	34.0
36.0	71.5	101.0	112 200*	169 400*	204 200*	238 600*	273 000*	307 300*	341 500*	36.0
38.0	70.3	100.3	103 300*	157 500*	190 900*	223 600*	256 200*	288 700*	321 200*	38.0
40.0	69.1	99.5	95 400*	146 800*	179 000*	210 100*	241 000*	272 000*	302 900*	40.0
42.0	67.9	98.7	88 200*	137 100*	168 100*	197 700*	227 300*	256 800*	286 200*	42.0
44.0	66.7	97.8	81 700*	128 400*	158 300*	186 600*	214 800*	243 000*	271 100*	44.0
46.0	65.5	96.9	75 800*	120 300*	149 200*	176 300*	203 300*	230 300*	257 200*	46.0
48.0	64.3	95.9	70 300*	113 000*	141 000*	166 900*	192 800*	218 700*	244 500*	48.0
50.0	63.0	94.9	65 000*	106 300*	133 300*	158 200*	183 100*	208 000*	232 700*	50.0
52.0	61.8	93.8	59 500*	100 000*	126 200*	150 200*	174 100*	198 100*	221 900*	52.0
54.0	60.5	92.7	54 400*	94 300*	119 600*	142 800*	165 800*	188 900*	211 800*	54.0
56.0	59.2	91.5	49 800*	88 900*	113 400*	135 900*	158 100*	180 300*	202 500*	56.0
58.0	57.9	90.2	45 400*	84 000*	107 600*	129 400*	150 900*	172 300*	193 800*	58.0
60.0	56.6	88.9	41 300*	79 300*	102 100*	123 300*	144 100*	164 900*	185 600*	60.0
62.0	55.2	87.5	37 600*	75 000*	97 000*	117 700*	137 800*	157 900*	178 000*	62.0
64.0	53.8	86.0	34 000*	70 900*	92 200*	112 400*	131 900*	151 400*	170 800*	64.0
66.0	52.4	84.5	30 700*	67 100*	87 700*	107 400*	126 300*	145 200*	164 100*	66.0
68.0	51.0	82.9	27 500*	63 500*	83 500*	102 700*	121 100*	139 400*	157 700*	68.0
70.0	49.6	81.2	24 500*	60 000*	79 500*	98 200*	116 100*	133 900*	151 700*	70.0
74.0	46.6	77.5	19 100*	53 700*	72 200*	90 100*	107 000*	123 800*	140 600*	74.0
78.0	43.4	73.4		48 100*	65 600*	82 700*	98 700*	114 700*	130 700*	78.0
82.0	40.0	68.8		43 000*	59 600*	76 000*	91 200*	106 400*	121 600*	82.0
86.0	36.4	63.5		37 300*	54 200*	69 900*	84 400*	99 000*	113 500*	86.0
90.0	32.4	57.5		32 100*	49 200*	64 300*	78 200*	92 100*	105 900*	90.0
94.0	27.9	50.4		27 300*	44 600*	59 100*	72 400*	85 800*	98 200*	94.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

224 390 kg Crane Counterweight

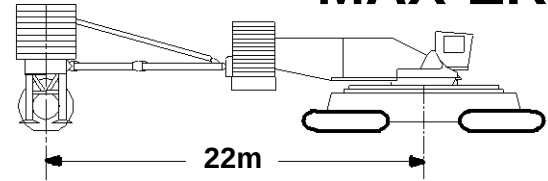
90 720 kg Carbody Counterweight

**0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position**

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



109.7m (360 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
16.8	82.9	111.9	303 900*	386 300*	386 300*	386 300*	386 300*	386 300*	386 300*	16.8
18.0	82.2	111.7	280 700*	376 600*	386 300*	386 300*	386 300*	386 300*	386 300*	18.0
20.0	81.1	111.4	246 800*	339 000*	384 600*	386 300*	386 300*	386 300*	386 300*	20.0
22.0	80.1	111.0	218 500*	304 500*	362 200*	386 300*	386 300*	386 300*	386 300*	22.0
24.0	79.0	110.7	195 200*	275 700*	326 700*	375 000*	386 300*	386 300*	386 300*	24.0
26.0	78.0	110.2	175 600*	251 000*	298 300*	345 600*	385 300*	386 300*	386 300*	26.0
28.0	76.9	109.7	158 800*	229 900*	273 800*	317 800*	362 700*	386 300*	386 300*	28.0
30.0	75.8	109.2	144 200*	211 400*	252 500*	293 700*	334 700*	374 500*	386 300*	30.0
32.0	74.7	108.7	131 600*	195 300*	233 800*	272 500*	311 000*	349 500*	379 400*	32.0
34.0	73.6	108.1	120 500*	180 900*	217 300*	253 700*	290 000*	326 300*	363 400*	34.0
36.0	72.5	107.4	110 600*	167 800*	202 500*	237 000*	271 300*	305 600*	339 800*	36.0
38.0	71.4	106.8	101 800*	155 900*	189 300*	221 900*	254 500*	287 000*	319 500*	38.0
40.0	70.3	106.0	93 800*	145 200*	177 300*	208 400*	239 400*	270 300*	301 200*	40.0
42.0	69.2	105.3	86 700*	135 600*	166 500*	196 100*	225 600*	255 100*	284 500*	42.0
44.0	68.1	104.5	80 200*	126 800*	156 600*	184 900*	213 100*	241 300*	269 400*	44.0
46.0	66.9	103.6	74 200*	118 800*	147 600*	174 700*	201 700*	228 600*	255 500*	46.0
48.0	65.8	102.7	68 700*	111 400*	139 300*	165 300*	191 200*	217 000*	242 800*	48.0
50.0	64.6	101.7	63 100*	104 700*	131 700*	156 600*	181 500*	206 300*	231 100*	50.0
52.0	63.5	100.7	57 600*	98 500*	124 600*	148 600*	172 500*	196 400*	220 200*	52.0
54.0	62.3	99.7	52 500*	92 700*	118 000*	141 100*	164 200*	187 200*	210 200*	54.0
56.0	61.1	98.6	47 800*	87 400*	111 800*	134 200*	156 500*	178 700*	200 800*	56.0
58.0	59.9	97.4	43 400*	82 400*	106 000*	127 800*	149 300*	170 700*	192 100*	58.0
60.0	58.7	96.2	39 400*	77 700*	100 600*	121 800*	142 500*	163 300*	184 000*	60.0
62.0	57.4	94.9	35 600*	73 400*	95 400*	116 100*	136 200*	156 300*	176 300*	62.0
64.0	56.2	93.6	32 000*	69 300*	90 700*	110 800*	130 300*	149 800*	169 200*	64.0
66.0	54.9	92.1	28 700*	65 500*	86 200*	105 800*	124 700*	143 600*	162 400*	66.0
68.0	53.6	90.7	25 500*	61 900*	81 900*	101 100*	119 400*	137 800*	156 100*	68.0
70.0	52.3	89.1	22 600*	58 500*	78 000*	96 700*	114 500*	132 300*	150 100*	70.0
74.0	49.5	85.8		52 200*	70 600*	88 400*	105 300*	122 200*	139 000*	74.0
78.0	46.7	82.1		46 600*	64 100*	81 100*	97 100*	113 100*	129 100*	78.0
82.0	43.7	78.0		41 200*	58 100*	74 400*	89 600*	104 900*	120 100*	82.0
86.0	40.6	73.5		35 500*	52 700*	68 300*	82 900*	97 400*	111 900*	86.0
90.0	37.2	68.4		30 300*	47 700*	62 800*	76 700*	90 500*	104 400*	90.0
94.0	33.5	62.6		25 500*	43 200*	57 600*	70 900*	84 200*	97 500*	94.0
98.0	29.4	55.9		21 100*	38 900*	52 800*	65 700*	78 400*	91 000*	98.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7 Mast No. 81

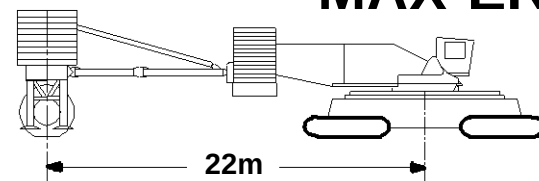
224 390 kg Crane Counterweight

90 720 kg Carbody Counterweight

 0 kg Thru 509 840 kg Wheeled Counterweight
at 22m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**


115.8m (380 Ft.) Boom

Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight Boom Capacity Kilograms	430 010 kg Wheeled Counterweight Boom Capacity Kilograms	509 840 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. m
18.3	82.5	117.8	341 500*	341 500*	341 500*	341 500*	341 500*	341 500*	18.3
20.0	81.6	117.6	338 500*	341 500*	341 500*	341 500*	341 500*	341 500*	20.0
22.0	80.6	117.2	302 400*	341 500*	341 500*	341 500*	341 500*	341 500*	22.0
24.0	79.6	116.9	273 400*	324 400*	341 500*	341 500*	341 500*	341 500*	24.0
26.0	78.6	116.5	248 800*	296 100*	340 400*	341 500*	341 500*	341 500*	26.0
28.0	77.6	116.0	227 600*	271 600*	316 000*	341 500*	341 500*	341 500*	28.0
30.0	76.6	115.5	209 200*	250 300*	291 400*	331 300*	341 500*	341 500*	30.0
32.0	75.5	115.0	193 000*	231 600*	270 200*	308 800*	337 300*	337 300*	32.0
34.0	74.5	114.4	178 700*	215 000*	251 400*	287 800*	325 100*	327 700*	34.0
36.0	73.5	113.8	165 700*	200 300*	234 700*	269 100*	303 300*	317 800*	36.0
38.0	72.4	113.2	153 700*	187 000*	219 700*	252 300*	284 800*	308 100*	38.0
40.0	71.4	112.5	143 000*	175 100*	206 100*	237 100*	268 000*	297 800*	40.0
42.0	70.3	111.8	133 400*	164 200*	193 800*	223 400*	252 800*	282 500*	42.0
44.0	69.3	111.0	124 600*	154 400*	182 600*	210 900*	239 000*	267 100*	44.0
46.0	68.2	110.2	116 600*	145 300*	172 400*	199 400*	226 400*	253 300*	46.0
48.0	67.1	109.4	109 200*	137 000*	163 000*	188 900*	214 700*	240 500*	48.0
50.0	66.1	108.5	102 500*	129 400*	154 300*	179 200*	204 000*	228 800*	50.0
52.0	65.0	107.6	96 300*	122 300*	146 300*	170 200*	194 100*	218 000*	52.0
54.0	63.9	106.6	90 500*	115 700*	138 800*	161 900*	184 900*	207 900*	54.0
56.0	62.8	105.5	85 200*	109 600*	131 900*	154 200*	176 400*	198 600*	56.0
58.0	61.6	104.4	80 200*	103 800*	125 500*	147 000*	168 400*	189 900*	58.0
60.0	60.5	103.3	75 500*	98 300*	119 400*	140 200*	161 000*	181 700*	60.0
62.0	59.3	102.1	71 200*	93 200*	113 800*	133 900*	154 000*	174 100*	62.0
64.0	58.2	100.9	67 100*	88 500*	108 500*	128 000*	147 500*	166 900*	64.0
66.0	57.0	99.6	63 300*	84 000*	103 500*	122 400*	141 300*	160 200*	66.0
68.0	55.8	98.2	59 600*	79 700*	98 800*	117 200*	135 500*	153 800*	68.0
70.0	54.6	96.8	56 200*	75 800*	94 400*	112 200*	130 000*	147 800*	70.0
74.0	52.1	93.7	50 000*	68 400*	86 200*	103 100*	119 900*	136 800*	74.0
78.0	49.5	90.4	44 300*	61 800*	78 800*	94 800*	110 800*	126 800*	78.0
82.0	46.8	86.7	38 400*	55 900*	72 100*	87 400*	102 600*	117 800*	82.0
86.0	44.0	82.7	32 700*	50 500*	66 100*	80 600*	95 200*	109 600*	86.0
90.0	41.0	78.2	27 500*	45 500*	60 500*	74 400*	88 300*	99 400*	90.0
94.0	37.9	73.2	22 800*	41 000*	55 400*	68 700*	82 000*	87 800*	94.0
98.0	34.5	67.6	18 400*	36 800*	50 700*	63 500*	76 000*	76 300*	98.0
102.0	30.7	61.2		32 600*	46 300*	58 600*	65 200*	65 200*	102.0