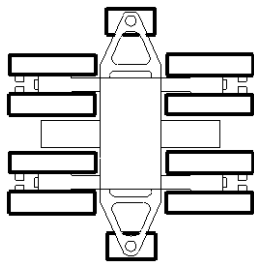
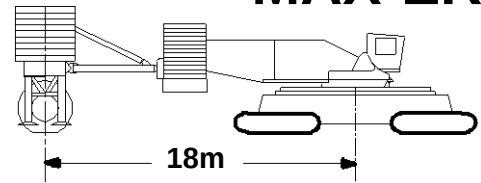


Liftcrane Boom Capacities

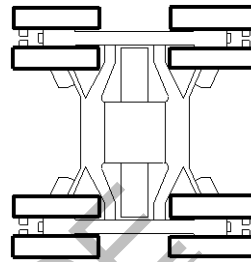
Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

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.

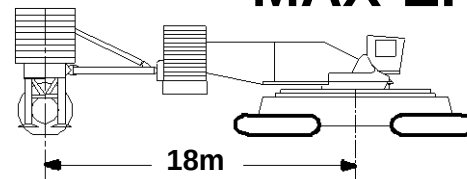
Wide Crawler Arrangement: Wide crawler arrangement (14.5m) travel allowed with 360 degree rating.

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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.

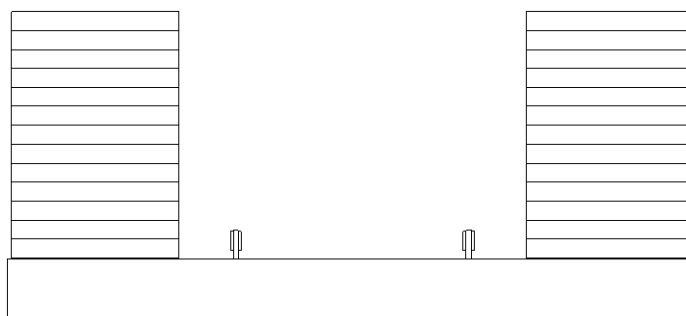
Warning: Front carbody platform must be removed when raising or lowering boom.

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 42.7m Mast No. 81

224 390 kg Crane Counterweight

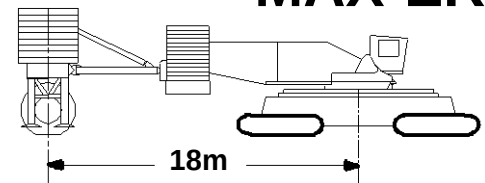
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position

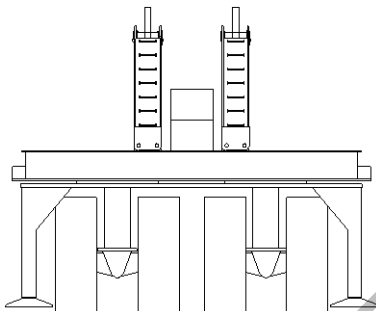
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

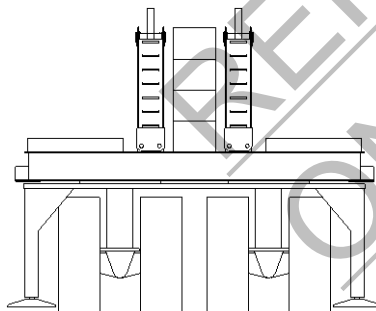
**21000
MAX-ER**



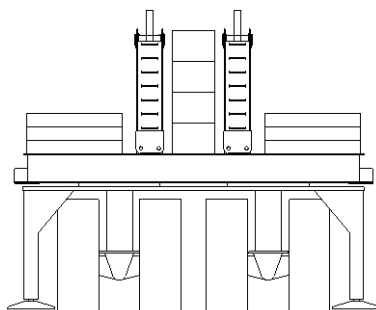
0 kg Wheeled Counterweight
(without shear frame)



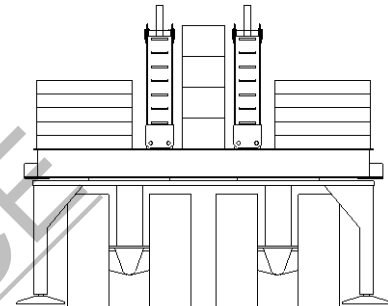
110 680 kg Wheeled Counterweight
2 Center Boxes



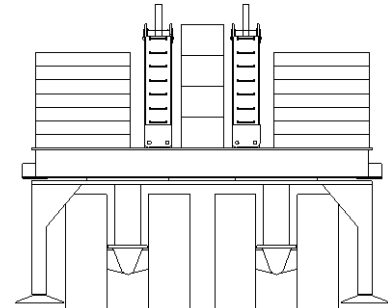
190 510 kg Wheeled Counterweight
2 Side Boxes - 4 Center Boxes



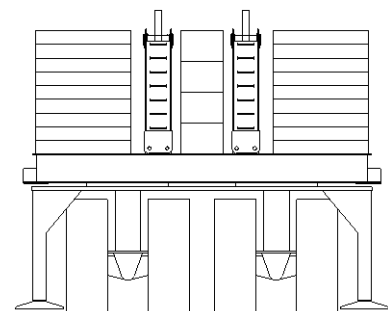
270 340 kg Wheeled Counterweight
6 Side Boxes - 4 Center Boxes



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 42.7m Mast No. 81

224 390 kg Crane Counterweight

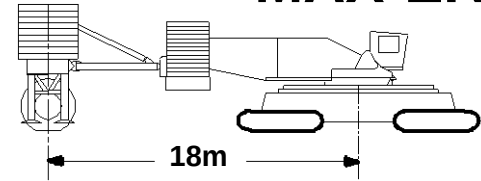
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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*	795 800*	906 200*	907 100*	907 100*	907 100*	907 100*	8.5
9.0	82.1	45.3	604 000*	756 700*	861 900*	907 100*	907 100*	907 100*	907 100*	9.0
10.0	80.7	45.1	544 100*	682 600*	777 900*	878 800*	907 100*	907 100*	907 100*	10.0
11.0	79.3	44.9	494 900*	621 500*	708 700*	796 200*	883 900*	907 100*	907 100*	11.0
12.0	78.0	44.6	453 300*	570 100*	650 400*	731 000*	811 300*	886 900*	907 100*	12.0
14.0	75.2	44.1	387 100*	488 000*	557 400*	627 000*	696 400*	765 600*	838 300*	14.0
16.0	72.3	43.4	336 700*	425 500*	486 600*	547 900*	609 000*	670 000*	730 700*	16.0
18.0	69.5	42.7	295 900*	376 500*	431 100*	485 800*	540 400*	594 800*	649 100*	18.0
20.0	66.5	41.8	261 600*	336 800*	386 200*	435 600*	485 000*	534 200*	583 200*	20.0
22.0	63.5	40.8	233 700*	304 100*	349 100*	394 200*	439 200*	484 100*	528 800*	22.0
24.0	60.4	39.6	210 600*	276 700*	318 000*	359 500*	400 900*	442 100*	483 200*	24.0
26.0	57.2	38.3	191 100*	253 300*	291 600*	330 000*	368 300*	406 400*	444 400*	26.0
28.0	53.9	36.9	174 500*	233 200*	268 800*	304 500*	340 100*	375 600*	411 000*	28.0
30.0	50.4	35.2	160 100*	215 300*	249 000*	282 300*	315 600*	348 800*	381 900*	30.0
32.0	46.7	33.3	147 500*	199 200*	231 500*	262 900*	294 100*	325 300*	356 400*	32.0
34.0	42.8	31.2	136 500*	185 000*	216 100*	245 600*	275 100*	304 500*	325 500*	34.0
36.0	38.5	28.7	126 600*	172 400*	202 300*	230 200*	258 100*	285 500*	297 400*	36.0
38.0	33.7	25.7	117 800*	161 100*	189 900*	216 400*	242 800*	262 700*	271 700*	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*	742 000*	845 600*	907 100*	907 100*	907 100*	907 100*	9.1
10.0	81.9	51.3	541 500*	679 900*	775 300*	875 900*	907 100*	907 100*	907 100*	10.0
11.0	80.7	51.1	492 300*	619 000*	706 200*	793 600*	881 300*	907 100*	907 100*	11.0
12.0	79.5	50.9	450 800*	567 500*	647 900*	728 500*	808 800*	885 200*	907 100*	12.0
14.0	77.1	50.4	384 700*	485 500*	555 000*	624 600*	694 000*	763 200*	835 700*	14.0
16.0	74.6	49.9	334 300*	423 100*	484 200*	545 500*	606 600*	667 600*	728 300*	16.0
18.0	72.2	49.2	293 700*	374 100*	428 700*	483 500*	538 100*	592 500*	646 700*	18.0
20.0	69.6	48.4	259 500*	334 500*	383 900*	433 300*	482 700*	531 900*	580 900*	20.0
22.0	67.1	47.6	231 600*	301 800*	346 800*	392 000*	437 000*	481 800*	526 500*	22.0
24.0	64.5	46.6	208 500*	274 400*	315 800*	357 300*	398 600*	439 800*	481 000*	24.0
26.0	61.8	45.5	189 100*	251 100*	289 400*	327 800*	366 100*	404 200*	442 200*	26.0
28.0	59.1	44.3	172 500*	231 000*	266 600*	302 300*	337 900*	373 400*	408 800*	28.0
30.0	56.2	43.0	158 100*	213 300*	246 800*	280 200*	313 500*	346 700*	379 700*	30.0
32.0	53.3	41.5	145 500*	197 200*	229 400*	260 800*	292 000*	323 200*	354 200*	32.0
34.0	50.2	39.8	134 500*	183 000*	214 000*	243 500*	273 000*	302 300*	331 600*	34.0
36.0	47.0	37.9	124 700*	170 500*	200 200*	228 200*	256 000*	283 800*	311 500*	36.0
38.0	43.6	35.8	115 900*	159 200*	187 900*	214 400*	240 800*	267 100*	293 400*	38.0
40.0	40.0	33.5	108 000*	149 100*	176 700*	201 900*	227 000*	252 100*	271 700*	40.0
42.0	36.0	30.7	100 800*	140 000*	166 600*	190 600*	214 500*	238 400*	250 100*	42.0
44.0	31.6	27.6	94 300*	131 600*	157 300*	180 300*	203 100*	222 200*	230 100*	44.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81

224 390 kg Crane Counterweight

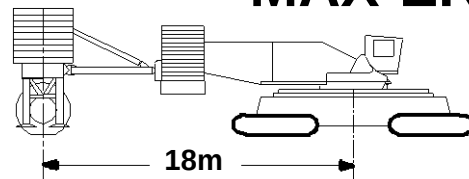
90 720 kg Carbody Counterweight

**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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*	654 800*	747 100*	839 500*	880 500*	880 500*	880 500*	10.4
11.0	81.7	57.3	490 600*	617 300*	704 500*	791 900*	878 500*	880 500*	880 500*	11.0
12.0	80.7	57.1	449 200*	565 900*	646 200*	726 800*	807 200*	875 700*	880 500*	12.0
14.0	78.5	56.7	383 000*	483 900*	553 300*	622 900*	692 400*	761 500*	835 900*	14.0
16.0	76.4	56.2	332 700*	421 500*	482 600*	543 900*	605 000*	665 900*	726 700*	16.0
18.0	74.2	55.6	292 200*	372 500*	427 100*	481 900*	536 500*	590 900*	645 200*	18.0
20.0	72.0	55.0	258 000*	333 000*	382 300*	431 800*	481 200*	530 300*	579 400*	20.0
22.0	69.8	54.2	230 100*	300 300*	345 300*	390 400*	435 400*	480 200*	525 000*	22.0
24.0	67.5	53.4	207 000*	272 900*	314 300*	355 800*	397 100*	438 300*	479 400*	24.0
26.0	65.2	52.4	187 600*	249 600*	287 900*	326 300*	364 500*	402 700*	440 700*	26.0
28.0	62.9	51.4	171 000*	229 500*	265 100*	300 800*	336 500*	371 900*	407 300*	28.0
30.0	60.5	50.2	156 600*	211 800*	245 400*	278 700*	312 000*	345 200*	378 200*	30.0
32.0	58.0	49.0	144 100*	195 800*	228 000*	259 300*	290 600*	321 700*	352 800*	32.0
34.0	55.4	47.6	133 100*	181 600*	212 600*	242 100*	271 500*	300 900*	330 200*	34.0
36.0	52.8	46.1	123 300*	169 100*	198 800*	226 700*	254 600*	282 300*	310 000*	36.0
38.0	50.1	44.4	114 500*	157 900*	186 500*	213 000*	239 400*	265 700*	292 000*	38.0
40.0	47.2	42.5	106 700*	147 800*	175 300*	200 600*	225 700*	250 700*	275 600*	40.0
42.0	44.3	40.5	99 500*	138 700*	165 200*	189 300*	213 200*	237 100*	260 800*	42.0
44.0	41.1	38.2	93 000*	130 400*	156 000*	178 900*	201 800*	224 600*	247 400*	44.0
46.0	37.7	35.6	87 100*	122 800*	147 300*	169 500*	191 400*	213 200*	230 800*	46.0
48.0	34.0	32.7	81 600*	115 800*	139 300*	160 900*	181 900*	202 800*	213 800*	48.0
50.0	29.9	29.3	76 600*	109 400*	132 000*	152 800*	173 000*	190 500*	197 700*	50.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81

224 390 kg Crane Counterweight

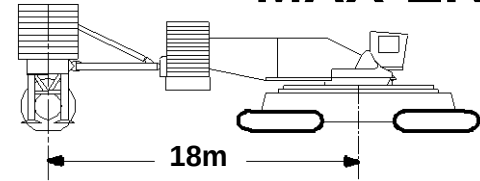
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



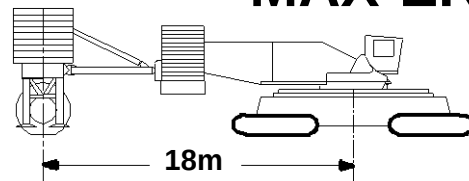
61.0m (200 Ft.) Boom

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*	617 200*	704 700*	792 300*	845 400*	845 400*	845 400*	11.0
12.0	81.6	63.3	447 500*	564 200*	644 600*	725 100*	809 100*	845 400*	845 400*	12.0
14.0	79.7	62.9	381 300*	482 100*	551 600*	621 200*	690 600*	761 800*	829 800*	14.0
16.0	77.8	62.5	330 900*	419 700*	480 800*	542 100*	603 200*	664 100*	724 900*	16.0
18.0	75.8	62.0	290 500*	370 600*	425 300*	480 000*	534 600*	589 000*	643 300*	18.0
20.0	73.9	61.4	256 300*	331 000*	380 400*	429 800*	479 200*	528 400*	577 400*	20.0
22.0	71.9	60.7	228 400*	298 300*	343 300*	388 500*	433 400*	478 300*	523 000*	22.0
24.0	69.9	60.0	205 200*	270 900*	312 300*	353 700*	395 100*	436 300*	477 400*	24.0
26.0	67.9	59.1	185 800*	247 600*	285 900*	324 200*	362 500*	400 700*	438 700*	26.0
28.0	65.8	58.2	169 100*	227 400*	263 100*	298 800*	334 400*	369 900*	405 200*	28.0
30.0	63.7	57.2	154 700*	209 800*	243 300*	276 700*	309 900*	343 100*	376 200*	30.0
32.0	61.5	56.1	142 200*	193 800*	225 900*	257 200*	288 500*	319 600*	350 700*	32.0
34.0	59.4	54.9	131 100*	179 600*	210 400*	240 000*	269 400*	298 800*	328 100*	34.0
36.0	57.1	53.6	121 300*	167 100*	196 700*	224 600*	252 500*	280 300*	307 900*	36.0
38.0	54.8	52.2	112 500*	155 900*	184 400*	210 800*	237 300*	263 600*	289 800*	38.0
40.0	52.4	50.7	104 600*	145 800*	173 300*	198 400*	223 500*	248 600*	273 500*	40.0
42.0	50.0	49.0	97 500*	136 600*	163 100*	187 100*	211 100*	234 900*	258 700*	42.0
44.0	47.4	47.1	91 000*	128 300*	153 900*	176 900*	199 700*	222 500*	245 200*	44.0
46.0	44.8	45.1	85 100*	120 800*	145 300*	167 400*	189 300*	211 200*	232 900*	46.0
48.0	41.9	42.9	79 600*	113 800*	137 300*	158 800*	179 800*	200 700*	221 600*	48.0
50.0	39.0	40.5	74 600*	107 400*	130 000*	150 800*	171 000*	191 000*	211 100*	50.0
52.0	35.8	37.7	70 000*	101 500*	123 200*	143 400*	162 800*	182 100*	197 500*	52.0
54.0	32.3	34.6	65 300*	96 000*	116 900*	136 500*	155 200*	173 800*	183 500*	54.0
56.0	28.4	31.0	60 600*	90 900*	111 000*	130 100*	148 100*	163 900*	170 200*	56.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position**
Narrow or Wide Crawler Arrangement - 360 Degree Rating

 Meets
ANSI B30.5
Requirements

**21000
MAX-ER**

67.1m (220 Ft.) Boom

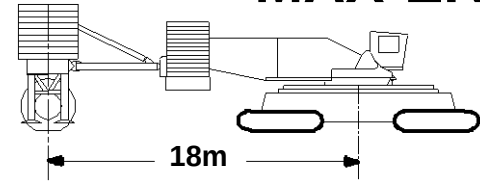
Oper. Rad. m	Boom Ang. Deg.	Boom Point Elev. m	0 kg Wheeled Counterweight Boom Capacity Kilograms	110 680 kg Wheeled Counterweight Boom Capacity Kilograms	190 510 kg Wheeled Counterweight Boom Capacity Kilograms	270 340 kg Wheeled Counterweight Boom Capacity Kilograms	350 170 kg Wheeled Counterweight 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*	583 000*	666 100*	749 300*	796 800*	796 800*	796 800*	11.6
12.0	82.4	69.5	446 000*	562 800*	643 200*	723 800*	792 900*	796 700*	796 700*	12.0
14.0	80.6	69.1	379 400*	480 300*	549 700*	619 300*	688 700*	763 500*	792 200*	14.0
16.0	78.9	68.7	329 000*	417 700*	478 900*	540 200*	601 300*	662 200*	728 900*	16.0
18.0	77.2	68.3	288 800*	368 700*	423 300*	478 100*	532 600*	587 100*	641 300*	18.0
20.0	75.4	67.7	254 500*	329 000*	378 400*	427 900*	477 200*	526 400*	575 400*	20.0
22.0	73.6	67.1	226 500*	296 300*	341 300*	386 400*	431 400*	476 300*	521 000*	22.0
24.0	71.8	66.5	203 400*	268 800*	310 200*	351 700*	393 000*	434 300*	475 400*	24.0
26.0	70.0	65.7	183 900*	245 500*	283 800*	322 200*	360 400*	398 600*	436 600*	26.0
28.0	68.1	64.9	167 200*	225 400*	261 000*	296 700*	332 300*	367 800*	403 200*	28.0
30.0	66.3	64.0	152 700*	207 800*	241 100*	274 500*	307 800*	341 000*	374 100*	30.0
32.0	64.4	63.1	140 200*	191 900*	223 700*	255 100*	286 300*	317 500*	348 600*	32.0
34.0	62.4	62.0	129 100*	177 600*	208 300*	237 900*	267 300*	296 700*	326 000*	34.0
36.0	60.5	60.9	119 300*	165 100*	194 500*	222 500*	250 400*	278 100*	305 800*	36.0
38.0	58.5	59.6	110 500*	153 800*	182 200*	208 700*	235 100*	261 500*	287 700*	38.0
40.0	56.4	58.3	102 600*	143 700*	171 100*	196 300*	221 400*	246 400*	271 400*	40.0
42.0	54.3	56.8	95 400*	134 600*	161 000*	185 000*	208 900*	232 800*	256 600*	42.0
44.0	52.1	55.3	89 000*	126 300*	151 800*	174 700*	197 600*	220 400*	243 100*	44.0
46.0	49.9	53.6	83 000*	118 700*	143 300*	165 300*	187 200*	209 000*	230 700*	46.0
48.0	47.6	51.8	77 600*	111 700*	135 300*	156 600*	177 600*	198 500*	219 400*	48.0
50.0	45.2	49.8	72 600*	105 300*	127 900*	148 700*	168 800*	188 900*	209 000*	50.0
52.0	42.6	47.6	67 900*	99 400*	121 100*	141 300*	160 700*	180 000*	199 300*	52.0
54.0	40.0	45.2	62 900*	94 000*	114 900*	134 400*	153 100*	171 700*	190 300*	54.0
56.0	37.2	42.6	58 200*	88 900*	109 000*	128 000*	146 100*	164 000*	181 300*	56.0
58.0	34.2	39.7	53 800*	84 100*	103 500*	122 000*	139 500*	156 800*	169 700*	58.0
60.0	30.9	36.4	49 700*	79 700*	98 400*	116 500*	133 300*	150 000*	158 200*	60.0
62.0	27.2	32.6	45 900*	75 500*	93 700*	111 200*	127 500*	141 400*	147 000*	62.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
 224 390 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 0 kg Thru 509 840 kg Wheeled Counterweight
 at 18m Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



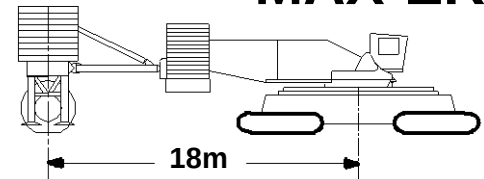
73.2m (240 Ft.) Boom

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*	552 400*	631 600*	711 000*	744 600*	744 600*	744 600*	12.2
14.0	81.4	75.3	378 300*	479 200*	548 600*	618 300*	691 100*	737 200*	742 100*	14.0
16.0	79.8	75.0	327 900*	416 700*	477 800*	539 100*	600 200*	664 900*	719 600*	16.0
18.0	78.2	74.5	287 800*	367 600*	422 200*	476 900*	531 500*	585 900*	641 700*	18.0
20.0	76.6	74.0	253 600*	327 900*	377 300*	426 800*	476 100*	525 300*	574 300*	20.0
22.0	75.0	73.5	225 600*	295 100*	340 100*	385 300*	430 300*	475 100*	519 800*	22.0
24.0	73.4	72.9	202 400*	267 700*	309 100*	350 600*	391 900*	433 100*	474 200*	24.0
26.0	71.7	72.2	182 800*	244 300*	282 600*	321 000*	359 300*	397 400*	435 500*	26.0
28.0	70.0	71.5	166 100*	224 200*	259 800*	295 500*	331 100*	366 600*	402 000*	28.0
30.0	68.4	70.7	151 700*	206 700*	240 000*	273 400*	306 700*	339 800*	372 900*	30.0
32.0	66.7	69.8	139 100*	190 800*	222 600*	254 000*	285 200*	316 300*	347 400*	32.0
34.0	64.9	68.9	128 000*	176 600*	207 200*	236 700*	266 200*	295 500*	324 800*	34.0
36.0	63.2	67.8	118 200*	164 000*	193 400*	221 300*	249 200*	276 900*	304 600*	36.0
38.0	61.4	66.7	109 400*	152 800*	181 100*	207 600*	233 900*	260 300*	286 500*	38.0
40.0	59.6	65.6	101 500*	142 600*	169 900*	195 100*	220 200*	245 300*	270 200*	40.0
42.0	57.7	64.3	94 400*	133 500*	159 800*	183 800*	207 800*	231 600*	255 400*	42.0
44.0	55.8	62.9	87 900*	125 200*	150 600*	173 500*	196 400*	219 200*	241 900*	44.0
46.0	53.9	61.5	81 900*	117 600*	142 100*	164 100*	186 000*	207 800*	229 600*	46.0
48.0	51.9	59.9	76 500*	110 700*	134 200*	155 500*	176 500*	197 400*	218 300*	48.0
50.0	49.8	58.2	71 500*	104 300*	126 800*	147 500*	167 600*	187 800*	207 800*	50.0
52.0	47.7	56.4	66 700*	98 400*	120 000*	140 100*	159 500*	178 900*	198 100*	52.0
54.0	45.5	54.4	61 700*	92 900*	113 800*	133 300*	152 000*	170 600*	189 200*	54.0
56.0	43.2	52.3	57 000*	87 800*	107 900*	126 900*	144 900*	162 900*	180 800*	56.0
58.0	40.8	50.0	52 700*	83 100*	102 500*	120 900*	138 300*	155 700*	173 000*	58.0
60.0	38.3	47.4	48 600*	78 600*	97 400*	115 300*	132 200*	149 000*	165 700*	60.0
62.0	35.6	44.7	44 800*	74 500*	92 600*	110 100*	126 400*	142 700*	157 900*	62.0
64.0	32.8	41.6	41 200*	70 600*	88 200*	105 200*	121 000*	136 800*	147 800*	64.0
66.0	29.6	38.2	37 800*	66 900*	83 900*	100 600*	115 900*	131 000*	137 900*	66.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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*	487 600*	558 500*	629 400*	680 200*	680 200*	680 200*	13.7
14.0	82.1	81.5	377 100*	478 100*	547 700*	617 400*	670 700*	679 100*	679 100*	14.0
16.0	80.6	81.2	325 800*	414 600*	475 800*	537 100*	600 700*	656 200*	670 700*	16.0
18.0	79.2	80.8	285 900*	365 500*	420 100*	474 900*	529 500*	585 400*	637 900*	18.0
20.0	77.7	80.3	251 700*	325 800*	375 200*	424 700*	474 000*	523 200*	572 200*	20.0
22.0	76.2	79.8	223 700*	293 000*	338 100*	383 200*	428 200*	473 000*	517 700*	22.0
24.0	74.7	79.3	200 400*	265 600*	307 000*	348 400*	389 800*	431 000*	472 100*	24.0
26.0	73.2	78.7	180 900*	242 200*	280 500*	318 900*	357 200*	395 300*	433 300*	26.0
28.0	71.7	78.0	164 100*	222 100*	257 700*	293 400*	329 000*	364 500*	399 900*	28.0
30.0	70.1	77.2	149 700*	204 500*	237 800*	271 200*	304 500*	337 700*	370 800*	30.0
32.0	68.6	76.5	137 100*	188 800*	220 400*	251 800*	283 000*	314 200*	345 200*	32.0
34.0	67.0	75.6	126 000*	174 600*	205 000*	234 500*	264 000*	293 300*	322 600*	34.0
36.0	65.4	74.7	116 100*	161 900*	191 200*	219 200*	247 000*	274 800*	302 500*	36.0
38.0	63.8	73.7	107 300*	150 700*	178 900*	205 400*	231 800*	258 100*	284 300*	38.0
40.0	62.1	72.6	99 400*	140 600*	167 700*	192 900*	218 000*	243 100*	268 000*	40.0
42.0	60.5	71.5	92 200*	131 400*	157 600*	181 600*	205 600*	229 400*	253 200*	42.0
44.0	58.8	70.2	85 700*	123 100*	148 400*	171 300*	194 200*	217 000*	239 700*	44.0
46.0	57.1	68.9	79 800*	115 500*	140 000*	161 900*	183 800*	205 700*	227 400*	46.0
48.0	55.3	67.6	74 400*	108 600*	132 100*	153 300*	174 300*	195 200*	216 100*	48.0
50.0	53.5	66.1	69 400*	102 200*	124 700*	145 300*	165 500*	185 600*	205 600*	50.0
52.0	51.6	64.5	64 100*	96 300*	117 900*	137 900*	157 300*	176 600*	195 900*	52.0
54.0	49.7	62.8	59 100*	90 800*	111 600*	131 100*	149 800*	168 400*	187 000*	54.0
56.0	47.8	61.0	54 400*	85 700*	105 800*	124 700*	142 700*	160 700*	178 600*	56.0
58.0	45.8	59.0	50 100*	81 000*	100 400*	118 800*	136 200*	153 500*	170 800*	58.0
60.0	43.7	56.9	46 000*	76 500*	95 300*	113 200*	130 000*	146 800*	163 600*	60.0
62.0	41.5	54.7	42 200*	72 400*	90 500*	108 000*	124 300*	140 500*	156 800*	62.0
64.0	39.2	52.2	38 700*	68 500*	86 100*	103 100*	118 900*	134 600*	150 300*	64.0
66.0	36.8	49.6	35 300*	64 800*	81 900*	98 500*	113 800*	129 100*	144 200*	66.0
68.0	34.3	46.7	32 100*	61 400*	77 900*	94 100*	109 000*	123 800*	136 600*	68.0
70.0	31.5	43.5	29 100*	58 100*	74 200*	90 000*	104 400*	118 900*	127 700*	70.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81

224 390 kg Crane Counterweight

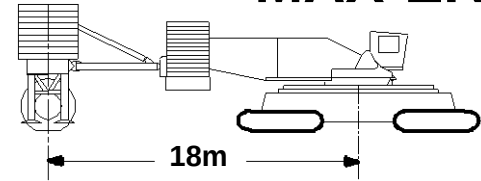
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



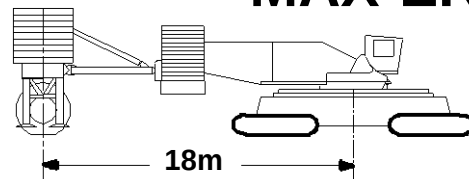
85.3m (280 Ft.) Boom

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*	486 300*	557 100*	619 700*	619 700*	619 700*	619 700*	13.7
14.0	82.7	87.7	375 800*	476 800*	546 400*	609 300*	618 900*	618 900*	618 900*	14.0
16.0	81.3	87.4	324 500*	413 300*	474 400*	536 800*	597 300*	612 600*	612 600*	16.0
18.0	79.9	87.0	284 700*	364 100*	418 800*	473 500*	529 100*	582 400*	605 300*	18.0
20.0	78.6	86.6	250 500*	324 500*	373 800*	423 300*	472 600*	521 800*	572 000*	20.0
22.0	77.2	86.1	222 400*	291 600*	336 700*	381 800*	426 800*	471 600*	516 400*	22.0
24.0	75.8	85.6	199 200*	264 200*	305 600*	347 100*	388 400*	429 600*	470 700*	24.0
26.0	74.4	85.0	179 600*	240 800*	279 100*	317 500*	355 800*	393 900*	431 900*	26.0
28.0	73.0	84.4	162 900*	220 700*	256 300*	292 000*	327 600*	363 100*	398 500*	28.0
30.0	71.6	83.7	148 400*	203 200*	236 500*	269 800*	303 100*	336 300*	369 400*	30.0
32.0	70.2	83.0	135 800*	187 500*	219 000*	250 400*	281 600*	312 800*	343 900*	32.0
34.0	68.7	82.2	124 700*	173 200*	203 600*	233 100*	262 600*	291 900*	321 200*	34.0
36.0	67.3	81.4	114 800*	160 700*	189 800*	217 800*	245 600*	273 400*	301 000*	36.0
38.0	65.8	80.5	106 100*	149 400*	177 500*	204 000*	230 400*	256 700*	283 000*	38.0
40.0	64.3	79.5	98 100*	139 200*	166 400*	191 500*	216 600*	241 700*	266 700*	40.0
42.0	62.8	78.5	91 000*	130 100*	156 200*	180 300*	204 200*	228 100*	251 900*	42.0
44.0	61.3	77.4	84 500*	121 800*	147 000*	170 000*	192 800*	215 600*	238 400*	44.0
46.0	59.7	76.2	78 500*	114 200*	138 600*	160 600*	182 400*	204 300*	226 000*	46.0
48.0	58.1	74.9	73 100*	107 300*	130 800*	151 900*	172 900*	193 800*	214 700*	48.0
50.0	56.5	73.6	68 000*	100 900*	123 400*	143 900*	164 100*	184 200*	204 300*	50.0
52.0	54.9	72.2	62 600*	95 000*	116 600*	136 500*	155 900*	175 300*	194 600*	52.0
54.0	53.2	70.7	57 600*	89 500*	110 400*	129 700*	148 400*	167 000*	185 600*	54.0
56.0	51.5	69.1	52 900*	84 400*	104 500*	123 300*	141 400*	159 400*	177 300*	56.0
58.0	49.7	67.4	48 600*	79 700*	99 100*	117 400*	134 800*	152 200*	169 500*	58.0
60.0	47.9	65.6	44 500*	75 300*	94 000*	111 900*	128 700*	145 500*	162 200*	60.0
62.0	46.0	63.6	40 700*	71 100*	89 300*	106 700*	123 000*	139 200*	155 400*	62.0
64.0	44.1	61.6	37 200*	67 200*	84 800*	101 800*	117 500*	133 300*	149 000*	64.0
66.0	42.1	59.4	33 800*	63 600*	80 600*	97 100*	112 500*	127 800*	143 000*	66.0
68.0	40.0	57.0	30 600*	60 100*	76 700*	92 800*	107 700*	122 500*	137 300*	68.0
70.0	37.8	54.4	27 600*	56 900*	72 900*	88 700*	103 100*	117 600*	131 900*	70.0
74.0	33.1	48.6	22 100*	50 900*	66 000*	81 100*	94 800*	108 400*	118 800*	74.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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*	433 300*	497 400*	561 600*	565 900*	565 900*	565 900*	15.2
16.0	81.9	93.5	323 300*	412 300*	473 600*	535 000*	563 500*	563 500*	563 500*	16.0
18.0	80.6	93.2	282 700*	362 000*	416 600*	471 400*	528 600*	557 200*	557 200*	18.0
20.0	79.3	92.8	248 600*	322 300*	371 600*	421 100*	470 500*	520 400*	549 700*	20.0
22.0	78.1	92.4	220 500*	289 500*	334 500*	379 600*	424 600*	469 500*	517 000*	22.0
24.0	76.8	91.9	197 200*	262 000*	303 400*	344 900*	386 200*	427 500*	468 600*	24.0
26.0	75.5	91.4	177 600*	238 600*	276 900*	315 300*	353 600*	391 700*	429 700*	26.0
28.0	74.2	90.8	160 800*	218 500*	254 100*	289 800*	325 400*	360 900*	396 300*	28.0
30.0	72.9	90.2	146 400*	200 900*	234 300*	267 600*	300 900*	334 100*	367 200*	30.0
32.0	71.5	89.5	133 700*	185 400*	216 800*	248 200*	279 400*	310 600*	341 600*	32.0
34.0	70.2	88.8	122 600*	171 100*	201 400*	230 900*	260 400*	289 700*	319 000*	34.0
36.0	68.9	88.0	112 700*	158 500*	187 600*	215 500*	243 400*	271 200*	298 800*	36.0
38.0	67.5	87.1	103 900*	147 300*	175 300*	201 800*	228 200*	254 500*	280 800*	38.0
40.0	66.1	86.3	96 000*	137 100*	164 100*	189 300*	214 400*	239 400*	264 400*	40.0
42.0	64.7	85.3	88 800*	128 000*	154 000*	178 000*	202 000*	225 800*	249 600*	42.0
44.0	63.3	84.3	82 300*	119 700*	144 800*	167 700*	190 600*	213 400*	236 100*	44.0
46.0	61.9	83.2	76 400*	112 100*	136 400*	158 300*	180 200*	202 000*	223 800*	46.0
48.0	60.5	82.1	70 900*	105 100*	128 600*	149 700*	170 700*	191 600*	212 400*	48.0
50.0	59.0	80.9	65 400*	98 700*	121 300*	141 700*	161 900*	182 000*	202 000*	50.0
52.0	57.5	79.6	59 900*	92 800*	114 500*	134 300*	153 700*	173 100*	192 400*	52.0
54.0	56.0	78.2	54 900*	87 300*	108 200*	127 500*	146 200*	164 800*	183 400*	54.0
56.0	54.5	76.8	50 200*	82 300*	102 400*	121 100*	139 200*	157 100*	175 000*	56.0
58.0	52.9	75.3	45 800*	77 500*	96 900*	115 200*	132 600*	150 000*	167 300*	58.0
60.0	51.3	73.7	41 800*	73 100*	91 900*	109 600*	126 500*	143 300*	160 000*	60.0
62.0	49.6	72.0	38 000*	69 000*	87 100*	104 400*	120 700*	137 000*	153 200*	62.0
64.0	48.0	70.2	34 400*	65 100*	82 700*	99 500*	115 300*	131 100*	146 800*	64.0
66.0	46.2	68.3	31 100*	61 400*	78 500*	94 900*	110 300*	125 500*	140 800*	66.0
68.0	44.4	66.2	27 900*	58 000*	74 500*	90 600*	105 500*	120 300*	135 100*	68.0
70.0	42.6	64.0	24 900*	54 700*	70 800*	86 500*	101 000*	115 400*	129 800*	70.0
74.0	38.7	59.2	19 400*	48 800*	63 900*	78 900*	92 600*	106 300*	119 900*	74.0
78.0	34.4	53.7		43 400*	57 700*	72 100*	85 100*	98 000*	109 000*	78.0
82.0	29.5	47.0		38 000*	52 200*	65 800*	78 300*	90 400*	95 500*	82.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81

224 390 kg Crane Counterweight

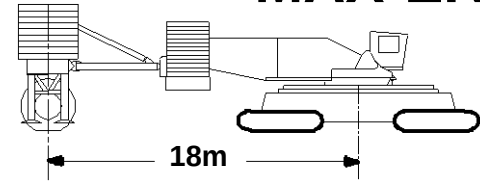
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



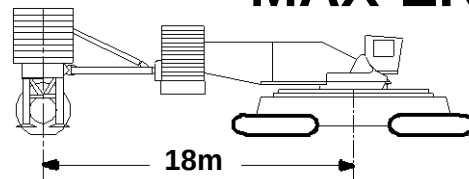
97.5m (320 Ft.) Boom

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*	434 700*	498 700*	500 600*	500 600*	500 600*	500 600*	15.2
16.0	82.4	99.7	324 700*	413 700*	475 000*	500 600*	500 600*	500 600*	500 600*	16.0
18.0	81.2	99.4	284 100*	363 400*	418 000*	471 700*	500 600*	500 600*	500 600*	18.0
20.0	80.0	99.0	250 200*	323 700*	373 000*	422 500*	472 900*	498 900*	500 600*	20.0
22.0	78.8	98.6	222 000*	290 900*	335 900*	381 100*	426 000*	474 100*	498 200*	22.0
24.0	77.6	98.2	198 800*	263 400*	304 800*	346 300*	387 600*	428 900*	473 000*	24.0
26.0	76.4	97.7	179 100*	240 100*	278 400*	316 700*	355 000*	393 200*	431 200*	26.0
28.0	75.2	97.1	162 400*	219 900*	255 600*	291 300*	326 900*	362 300*	397 700*	28.0
30.0	74.0	96.6	147 900*	202 400*	235 700*	269 100*	302 400*	335 600*	368 600*	30.0
32.0	72.7	95.9	135 300*	186 900*	218 300*	249 600*	280 900*	312 100*	343 100*	32.0
34.0	71.5	95.3	124 200*	172 700*	202 900*	232 400*	261 900*	291 200*	320 500*	34.0
36.0	70.3	94.5	114 300*	160 100*	189 100*	217 000*	244 900*	272 700*	300 300*	36.0
38.0	69.0	93.8	105 500*	148 900*	176 800*	203 300*	229 700*	256 000*	282 300*	38.0
40.0	67.7	92.9	97 600*	138 700*	165 600*	190 800*	215 900*	241 000*	265 900*	40.0
42.0	66.4	92.0	90 400*	129 600*	155 500*	179 500*	203 500*	227 400*	251 100*	42.0
44.0	65.1	91.1	83 900*	121 200*	146 300*	169 300*	192 200*	214 900*	237 700*	44.0
46.0	63.8	90.1	78 000*	113 600*	137 900*	159 800*	181 800*	203 600*	225 300*	46.0
48.0	62.5	89.1	72 500*	106 700*	130 200*	151 200*	172 200*	193 100*	214 000*	48.0
50.0	61.2	88.0	67 500*	100 300*	122 900*	143 300*	163 400*	183 500*	203 600*	50.0
52.0	59.8	86.8	62 300*	94 400*	116 100*	135 900*	155 300*	174 600*	193 900*	52.0
54.0	58.4	85.6	57 200*	89 000*	109 800*	129 100*	147 700*	166 400*	184 900*	54.0
56.0	57.0	84.3	52 600*	83 900*	104 000*	122 700*	140 700*	158 700*	176 600*	56.0
58.0	55.6	82.9	48 200*	79 100*	98 600*	116 800*	134 200*	151 600*	168 900*	58.0
60.0	54.1	81.4	44 100*	74 800*	93 500*	111 200*	128 100*	144 800*	161 600*	60.0
62.0	52.7	79.9	40 300*	70 600*	88 800*	106 000*	122 300*	138 600*	154 800*	62.0
64.0	51.1	78.3	36 800*	66 700*	84 300*	101 100*	117 000*	132 700*	148 400*	64.0
66.0	49.6	76.6	33 400*	63 100*	80 100*	96 600*	111 900*	127 100*	142 400*	66.0
68.0	48.0	74.8	30 300*	59 700*	76 200*	92 200*	107 100*	121 900*	136 700*	68.0
70.0	46.4	72.9	27 300*	56 400*	72 500*	88 100*	102 600*	117 000*	131 400*	70.0
74.0	43.0	68.7	21 800*	50 500*	65 600*	80 600*	94 300*	107 900*	121 500*	74.0
78.0	39.4	64.0		45 100*	59 500*	73 800*	86 800*	99 700*	112 600*	78.0
82.0	35.4	58.6		40 200*	53 900*	67 600*	80 000*	92 300*	104 500*	82.0
86.0	31.1	52.3		35 000*	48 800*	61 900*	73 800*	85 500*	92 600*	86.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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*	390 400*	439 100*	439 100*	439 100*	439 100*	439 100*	16.8
18.0	81.7	105.6	282 400*	361 800*	414 600*	439 100*	439 100*	439 100*	439 100*	18.0
20.0	80.6	105.2	248 300*	321 500*	370 900*	421 600*	439 000*	439 100*	439 100*	20.0
22.0	79.5	104.8	220 000*	288 700*	333 700*	378 900*	428 200*	439 100*	439 100*	22.0
24.0	78.4	104.4	196 700*	261 200*	302 600*	344 100*	385 400*	424 300*	439 100*	24.0
26.0	77.2	104.0	177 100*	237 900*	276 100*	314 500*	352 800*	391 000*	429 600*	26.0
28.0	76.1	103.5	160 300*	217 700*	253 300*	289 000*	324 600*	360 100*	395 500*	28.0
30.0	74.9	102.9	145 800*	200 200*	233 500*	266 900*	300 100*	333 300*	366 400*	30.0
32.0	73.8	102.3	133 200*	184 800*	216 100*	247 400*	278 700*	309 800*	340 900*	32.0
34.0	72.6	101.7	122 000*	170 600*	200 600*	230 100*	259 600*	289 000*	318 200*	34.0
36.0	71.5	101.0	112 200*	158 000*	186 800*	214 800*	242 600*	270 400*	298 100*	36.0
38.0	70.3	100.3	103 300*	146 700*	174 500*	201 000*	227 400*	253 800*	280 000*	38.0
40.0	69.1	99.5	95 400*	136 600*	163 400*	188 600*	213 700*	238 700*	263 700*	40.0
42.0	67.9	98.7	88 200*	127 400*	153 300*	177 300*	201 200*	225 100*	248 900*	42.0
44.0	66.7	97.8	81 700*	119 100*	144 100*	167 000*	189 900*	212 700*	235 400*	44.0
46.0	65.5	96.9	75 800*	111 500*	135 600*	157 600*	179 500*	201 300*	223 100*	46.0
48.0	64.3	95.9	70 300*	104 500*	127 900*	149 000*	169 900*	190 900*	211 700*	48.0
50.0	63.0	94.9	65 000*	98 100*	120 700*	141 000*	161 200*	181 300*	201 300*	50.0
52.0	61.8	93.8	59 500*	92 200*	113 900*	133 600*	153 000*	172 400*	191 600*	52.0
54.0	60.5	92.7	54 400*	86 800*	107 600*	126 800*	145 500*	164 100*	182 700*	54.0
56.0	59.2	91.5	49 800*	81 700*	101 800*	120 400*	138 500*	156 500*	174 400*	56.0
58.0	57.9	90.2	45 400*	77 000*	96 400*	114 500*	131 900*	149 300*	166 600*	58.0
60.0	56.6	88.9	41 300*	72 500*	91 300*	109 000*	125 800*	142 600*	159 300*	60.0
62.0	55.2	87.5	37 600*	68 400*	86 600*	103 800*	120 100*	136 300*	152 500*	62.0
64.0	53.8	86.0	34 000*	64 600*	82 100*	98 900*	114 700*	130 400*	146 200*	64.0
66.0	52.4	84.5	30 700*	60 900*	77 900*	94 300*	109 600*	124 900*	140 100*	66.0
68.0	51.0	82.9	27 500*	57 500*	74 000*	90 000*	104 900*	119 700*	134 500*	68.0
70.0	49.6	81.2	24 500*	54 200*	70 300*	85 900*	100 300*	114 800*	129 100*	70.0
74.0	46.6	77.5	19 100*	48 300*	63 400*	78 300*	92 000*	105 700*	119 300*	74.0
78.0	43.4	73.4		42 900*	57 300*	71 500*	84 600*	97 500*	110 400*	78.0
82.0	40.0	68.8		37 800*	51 700*	65 400*	77 800*	90 100*	102 400*	82.0
86.0	36.4	63.5		32 400*	46 700*	59 700*	71 600*	83 300*	94 900*	86.0
90.0	32.4	57.5		27 400*	42 000*	54 500*	65 900*	77 200*	84 500*	90.0
94.0	27.9	50.4		22 800*	37 700*	49 700*	60 700*	69 900*	73 900*	94.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81

224 390 kg Crane Counterweight

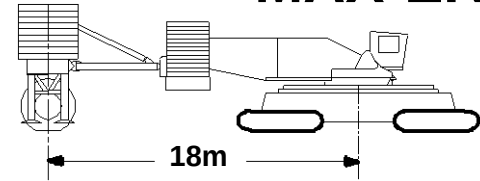
90 720 kg Carbody Counterweight

0 kg Thru 509 840 kg Wheeled Counterweight
at 18m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



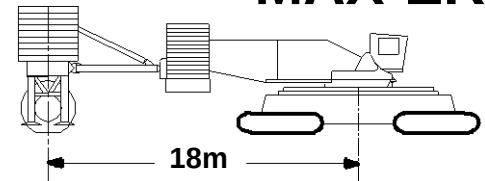
109.7m (360 Ft.) Boom

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*	359 600*	386 300*	386 300*	386 300*	386 300*	386 300*	18.0
20.0	81.1	111.4	246 800*	319 900*	370 400*	386 300*	386 300*	386 300*	386 300*	20.0
22.0	80.1	111.0	218 500*	287 100*	332 100*	375 500*	386 300*	386 300*	386 300*	22.0
24.0	79.0	110.7	195 200*	259 600*	300 900*	342 800*	379 500*	386 300*	386 300*	24.0
26.0	78.0	110.2	175 600*	236 200*	274 500*	312 900*	351 100*	385 100*	386 300*	26.0
28.0	76.9	109.7	158 800*	216 000*	251 600*	287 400*	323 000*	359 000*	383 700*	28.0
30.0	75.8	109.2	144 200*	198 500*	231 800*	265 200*	298 500*	331 700*	366 500*	30.0
32.0	74.7	108.7	131 600*	183 100*	214 400*	245 700*	277 000*	308 200*	339 200*	32.0
34.0	73.6	108.1	120 500*	169 100*	199 000*	228 500*	258 000*	287 300*	316 600*	34.0
36.0	72.5	107.4	110 600*	156 400*	185 200*	213 100*	241 000*	268 700*	296 400*	36.0
38.0	71.4	106.8	101 800*	145 100*	172 900*	199 400*	225 700*	252 100*	278 400*	38.0
40.0	70.3	106.0	93 800*	135 000*	161 700*	186 900*	212 000*	237 000*	262 000*	40.0
42.0	69.2	105.3	86 700*	125 800*	151 600*	175 600*	199 600*	223 400*	247 200*	42.0
44.0	68.1	104.5	80 200*	117 500*	142 400*	165 300*	188 200*	211 000*	233 800*	44.0
46.0	66.9	103.6	74 200*	109 900*	134 000*	155 900*	177 900*	199 700*	221 400*	46.0
48.0	65.8	102.7	68 700*	102 900*	126 200*	147 300*	168 300*	189 200*	210 100*	48.0
50.0	64.6	101.7	63 100*	96 500*	119 100*	139 400*	159 500*	179 600*	199 700*	50.0
52.0	63.5	100.7	57 600*	90 600*	112 300*	132 000*	151 400*	170 700*	190 000*	52.0
54.0	62.3	99.7	52 500*	85 200*	106 100*	125 200*	143 800*	162 500*	181 000*	54.0
56.0	61.1	98.6	47 800*	80 100*	100 200*	118 800*	136 800*	154 800*	172 700*	56.0
58.0	59.9	97.4	43 400*	75 400*	94 800*	112 900*	130 300*	147 700*	165 000*	58.0
60.0	58.7	96.2	39 400*	70 900*	89 700*	107 300*	124 200*	141 000*	157 700*	60.0
62.0	57.4	94.9	35 600*	66 800*	85 000*	102 100*	118 400*	134 700*	150 900*	62.0
64.0	56.2	93.6	32 000*	63 000*	80 500*	97 300*	113 100*	128 800*	144 500*	64.0
66.0	54.9	92.1	28 700*	59 300*	76 400*	92 700*	108 000*	123 300*	138 500*	66.0
68.0	53.6	90.7	25 500*	55 900*	72 400*	88 300*	103 200*	118 100*	132 800*	68.0
70.0	52.3	89.1	22 600*	52 700*	68 700*	84 300*	98 700*	113 100*	127 500*	70.0
74.0	49.5	85.8		46 700*	61 900*	76 800*	90 400*	104 100*	117 700*	74.0
78.0	46.7	82.1		41 400*	55 700*	69 900*	83 000*	95 900*	108 800*	78.0
82.0	43.7	78.0		35 900*	50 200*	63 800*	76 200*	88 500*	100 800*	82.0
86.0	40.6	73.5		30 500*	45 200*	58 200*	70 000*	81 800*	93 500*	86.0
90.0	37.2	68.4		25 500*	40 500*	53 000*	64 400*	75 600*	86 800*	90.0
94.0	33.5	62.6		21 000*	36 300*	48 200*	59 200*	70 000*	77 600*	94.0
98.0	29.4	55.9			32 400*	43 800*	54 400*	64 000*	67 900*	98.0

Liftcrane Boom Capacities

Boom No. 80 with 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
**0 kg Thru 509 840 kg Wheeled Counterweight
at 18m 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	318 200*	341 500*	341 500*	341 500*	341 500*	341 500*	20.0
22.0	80.6	117.2	284 900*	330 300*	341 500*	341 500*	341 500*	341 500*	22.0
24.0	79.6	116.9	257 400*	298 700*	336 000*	341 500*	341 500*	341 500*	24.0
26.0	78.6	116.5	234 000*	272 200*	310 700*	340 700*	341 500*	341 500*	26.0
28.0	77.6	116.0	213 800*	249 400*	285 100*	321 800*	341 500*	341 500*	28.0
30.0	76.6	115.5	196 300*	229 600*	262 900*	296 200*	329 200*	341 500*	30.0
32.0	75.5	115.0	180 900*	212 100*	243 500*	274 700*	305 900*	336 900*	32.0
34.0	74.5	114.4	166 900*	196 700*	226 300*	255 700*	285 000*	314 300*	34.0
36.0	73.5	113.8	154 200*	182 900*	210 900*	238 700*	266 500*	294 200*	36.0
38.0	72.4	113.2	143 000*	170 600*	197 100*	223 500*	249 800*	276 100*	38.0
40.0	71.4	112.5	132 800*	159 500*	184 600*	209 700*	234 800*	259 700*	40.0
42.0	70.3	111.8	123 600*	149 300*	173 300*	197 300*	221 100*	244 900*	42.0
44.0	69.3	111.0	115 300*	140 100*	163 100*	185 900*	208 700*	231 400*	44.0
46.0	68.2	110.2	107 700*	131 700*	153 700*	175 500*	197 400*	219 100*	46.0
48.0	67.1	109.4	100 800*	124 000*	145 000*	166 000*	186 900*	207 800*	48.0
50.0	66.1	108.5	94 300*	116 800*	137 000*	157 200*	177 300*	197 400*	50.0
52.0	65.0	107.6	88 400*	110 100*	129 700*	149 100*	168 400*	187 700*	52.0
54.0	63.9	106.6	83 000*	103 800*	122 900*	141 500*	160 200*	178 800*	54.0
56.0	62.8	105.5	77 900*	98 000*	116 500*	134 600*	152 500*	170 400*	56.0
58.0	61.6	104.4	73 100*	92 600*	110 600*	128 000*	145 400*	162 700*	58.0
60.0	60.5	103.3	68 800*	87 500*	105 100*	121 900*	138 700*	155 400*	60.0
62.0	59.3	102.1	64 600*	82 800*	99 900*	116 200*	132 400*	148 600*	62.0
64.0	58.2	100.9	60 700*	78 300*	95 000*	110 800*	126 500*	142 300*	64.0
66.0	57.0	99.6	57 100*	74 200*	90 400*	105 800*	121 000*	136 200*	66.0
68.0	55.8	98.2	53 700*	70 200*	86 100*	101 000*	115 800*	130 600*	68.0
70.0	54.6	96.8	50 500*	66 500*	82 000*	96 500*	110 900*	125 300*	70.0
74.0	52.1	93.7	44 500*	59 700*	74 500*	88 200*	101 800*	115 400*	74.0
78.0	49.5	90.4	39 100*	53 500*	67 700*	80 700*	93 600*	106 500*	78.0
82.0	46.8	86.7	33 100*	48 000*	61 600*	73 900*	86 200*	98 500*	82.0
86.0	44.0	82.7	27 700*	43 000*	56 000*	67 800*	79 500*	91 200*	86.0
90.0	41.0	78.2	22 800*	38 300*	50 800*	62 200*	73 400*	84 600*	90.0
94.0	37.9	73.2	18 200*	34 100*	46 100*	57 000*	67 700*	78 500*	94.0
98.0	34.5	67.6		30 200*	41 600*	52 200*	62 500*	70 100*	98.0
102.0	30.7	61.2		25 700*	37 600*	47 700*	57 100*	61 100*	102.0