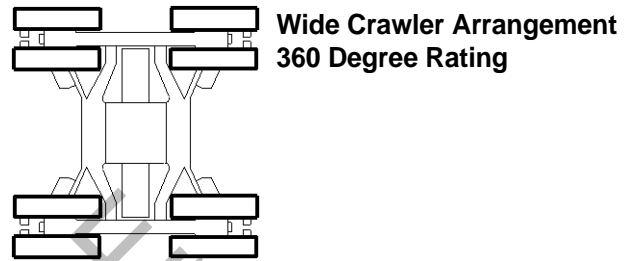
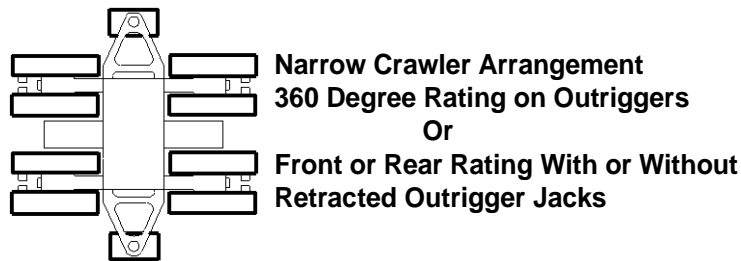
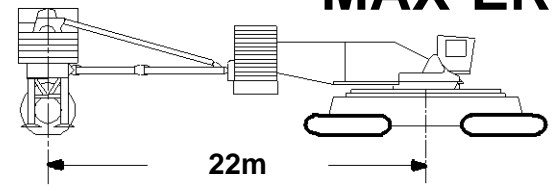


Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib 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.

Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 31 750 kg minimum weight suspended beneath luffing jib point.

Caution: Do not luff into area indicated by (c) with 16 780 kg minimum weight. Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause wire rope damage or failure.

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.

Simultaneous hoisting of both load drums is required for even block travel.

Upper luffing jib 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 luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are 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 on a firm uniformly supporting surface with gantry in intermediate position, mast up and bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib rigging assembly No. 192589 and Wire Rope Specification chart No. 8201-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 with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart No. 8203-A.

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.

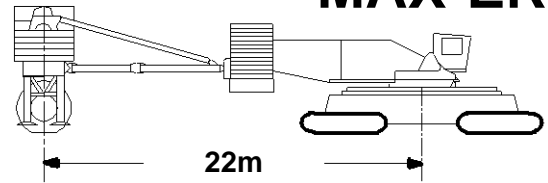
Wide Crawler Arrangement: Wide crawler arrangement (14.5m) travel allowed with 360 degree rating.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib 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

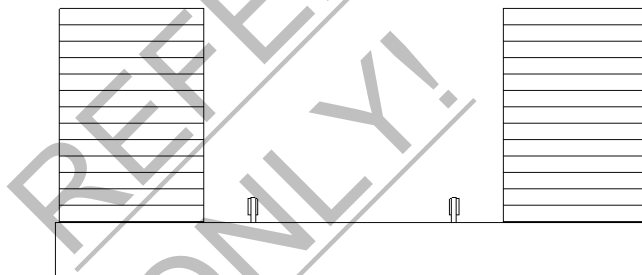
retractable gantry, 20 part boom hoist reeving, boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 224 390 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 350 170 kg wheeled counterweight.

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

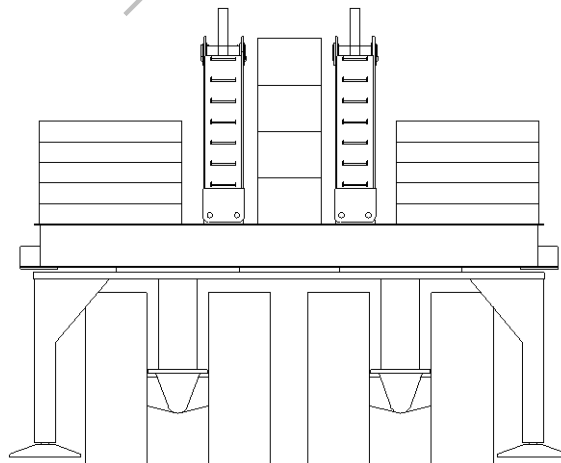
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

Machine may tip over side with outrigger jacks retracted or removed. Refer to wind folio for restrictions.

WARNING: Check amount of crane counterweight and wheeled counterweight on machine before use of this chart.



224 390 kg Crane Counterweight
26 Side Boxes



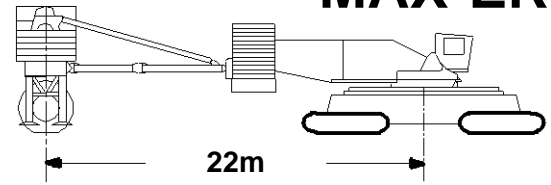
350 170 kg Wheeled Counterweight
10 Side Boxes - 4 Center Boxes

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



| WITH OR WITHOUT BOOM AND/OR JIB CATWALKS | | |
|---|---------------------------------|---|
| Maximum Boom and Luffing Jib Lengths Lifted Unassisted Using Jack-Knife Method With 350 170 Lb. Wheeled Counterweight | | |
| Boom Length Meters | Luffing Jib No. 81 Meters | Boom to Luffing Jib Angle Degrees |
| Over End of Unblocked Crawlers | | |
| 54.9 - 91.4 | 36.6 - 91.4 | 90 |
| 97.5 | 36.6 - 91.4 | 60 |
| 103.6 | 36.6 - 85.3 | 60 |
| Load blocks, hook and weight ball on ground until boom and luffing jib are erected. | | |

RAISING AND LOWERING PROCEDURE

Boom and luffing jib combinations must be raised and lowered using jack-knife method.

Release swing brake (disengage swing lock) and slowly raise boom while jib point dolly is allowed to roll on ground. Tension should be applied to luffing jib hoist to keep jib strut off luffing jib during boom raising. Boom up until boom to luffing jib angle reaches value specified in table or jib is vertical, whichever occurs first. Tighten luffing jib suspension with luffing jib hoist. Boom and luffing jib are then raised together using boom hoist until boom reaches desired boom operating angle. Luffing jib radius must be within capacity chart before swinging over side of machine.

Position boom at 85 degrees prior to lowering luffing jib. Lower luffing jib until boom to luffing jib angle reaches value specified in table. Lower boom until luffing jib point is just above ground. If luffing jib is hanging vertical, raise luffing jib a few degrees forward of vertical. Position dolly under jib point, then lower jib point onto dolly. Release swing brake (disengage swing lock) and continue to lower boom while luffing jib rolls along ground. Keep enough tension on luffing jib hoist to keep jib strut off luffing jib.

NOTE: Upper jib point cannot be installed until boom and jib are jack-knifed into position and must be removed before contacting ground when lowering.

CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

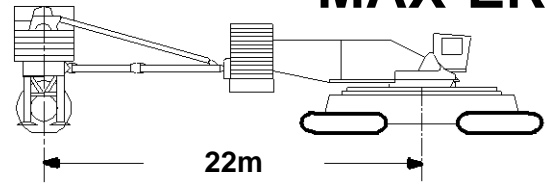


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 18.3 | 74.1 | 93.3 | 453 500*d | | | | | | | | | | | | | 18.3 |
| 20.0 | 71.2 | 92.7 | 451 100*d | | | | | | | | | | | | | 20.0 |
| 22.0 | 67.9 | 91.9 | 434 000*d | | | | | | | | | | | | | 22.0 |
| 24.0 | 64.4 | 90.9 | 417 400*b | | | | | | | | | | | | | 24.0 |
| 26.0 | 60.8 | 89.8 | 401 700*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 57.1 | 88.6 | 385 200*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 53.2 | 87.1 | 361 700* | | | | | | | | | | | | | 30.0 |
| 32.0 | 49.1 | 85.4 | 337 500* | | | | | | | | | | | | | 32.0 |
| 34.0 | 44.7 | 83.4 | 316 500* | | | | | | | | | | | | | 34.0 |
| 36.0 | 39.9 | 81.1 | 297 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 34.5 | 78.3 | 277 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 28.1 | 74.8 | 257 700* | | | | | | | | | | | | | 40.0 |
| 42.0 | 19.9 | 69.9 | 233 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | | | | | | | | | | | | | | | | 44.0 |
| 46.0 | | | | | | | | | | | | | | | | 46.0 |
| 48.0 | | | | | | | | | | | | | | | | 48.0 |
| 50.0 | | | | | | | | | | | | | | | | 50.0 |
| 52.0 | | | | | | | | | | | | | | | | 52.0 |
| 54.0 | | | | | | | | | | | | | | | | 54.0 |
| 56.0 | | | | | | | | | | | | | | | | 56.0 |
| 58.0 | | | | | | | | | | | | | | | | 58.0 |
| 60.0 | | | | | | | | | | | | | | | | 60.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Capacities indicated by (d) require
31 750 kg minimum weight suspended
beneath luffing jib point.

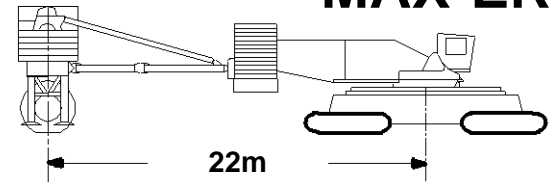
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 19.8 | | | c | | | | | | | | | | | | | 19.8 |
| 20.0 | | | c | | | | | | | | | | | | | 20.0 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | 68.3 | 97.7 | 395 600* b | | | | | | | | | | | | | 24.0 |
| 26.0 | 65.3 | 96.8 | 381 900* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 62.3 | 95.7 | 368 400* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 59.2 | 94.5 | 355 600* | 66.5 | 96.4 | 348 500* b | | | | | | | | | | 30.0 |
| 32.0 | 56.0 | 93.2 | 336 500* | 63.5 | 95.4 | 325 500* b | | | | | | | | | | 32.0 |
| 34.0 | 52.6 | 91.7 | 315 300* | 60.4 | 94.3 | 305 300* b | | | | | | | | | | 34.0 |
| 36.0 | 49.1 | 90.0 | 293 500* | 57.2 | 93.0 | 287 300* | | | | | | | | | | 36.0 |
| 38.0 | 45.3 | 88.0 | 271 900* | 53.9 | 91.6 | 271 200* | 61.5 | 93.6 | 262 100* b | | | | | | | 38.0 |
| 40.0 | 41.3 | 85.8 | 252 300* | 50.5 | 90.0 | 256 500* | 58.4 | 92.4 | 248 000* | | | | | | | 40.0 |
| 42.0 | 36.9 | 83.2 | 234 400* | 46.8 | 88.1 | 243 300* | 55.1 | 91.0 | 235 100* | | | | | | | 42.0 |
| 44.0 | 32.0 | 80.1 | 218 400* | 42.9 | 86.0 | 231 100* | 51.7 | 89.5 | 223 400* | | | | | | | 44.0 |
| 46.0 | 26.2 | 76.3 | 204 400* | 38.7 | 83.6 | 220 000* | 48.1 | 87.7 | 212 700* | 56.1 | 89.9 | 205 400* | | | | 46.0 |
| 48.0 | 18.8 | 71.2 | 193 100* | 34.0 | 80.7 | 209 700* | 44.3 | 85.7 | 202 800* | 52.8 | 88.4 | 195 900* | | | | 48.0 |
| 50.0 | | | | 28.6 | 77.3 | 200 100* | 40.2 | 83.4 | 193 700* | 49.2 | 86.7 | 187 100* | | | | 50.0 |
| 52.0 | | | | 22.0 | 72.8 | 191 200* | 35.7 | 80.7 | 185 200* | 45.5 | 84.8 | 178 900* | 53.5 | 86.9 | 172 700* | 52.0 |
| 54.0 | | | | | | | 30.7 | 77.5 | 177 200* | 41.5 | 82.6 | 171 300* | 50.0 | 85.2 | 165 400* | 54.0 |
| 56.0 | | | | | | | 24.6 | 73.4 | 169 800* | 37.1 | 80.0 | 164 200* | 46.4 | 83.4 | 158 500* | 56.0 |
| 58.0 | | | | | | | 16.4 | 67.7 | 162 600* | 32.2 | 77.0 | 157 600* | 42.4 | 81.2 | 152 200* | 58.0 |
| 60.0 | | | | | | | | | | 26.5 | 73.2 | 151 200* | 38.2 | 78.7 | 146 200* | 60.0 |
| 62.0 | | | | | | | | | | 19.2 | 68.2 | 145 100* | 33.4 | 75.8 | 140 500* | 62.0 |
| 64.0 | | | | | | | | | | 4.2 | 57.2 | 138 800* | 27.9 | 72.3 | 135 100* | 64.0 |
| 66.0 | | | | | | | | | | | | | 21.1 | 67.6 | 129 900* | 66.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

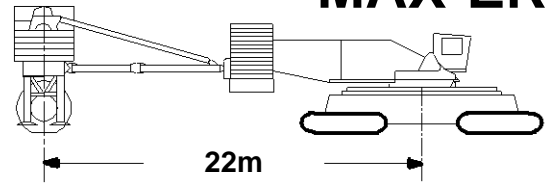


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
 Boom No. 80 With 42.7m Mast No. 81
 224 390 kg Crane Counterweight
 90 720 kg Carbody Counterweight
 350 170 kg Wheeled Counterweight
 at 22m Position
 Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | 71.1 | 104.2 | 372 700* b | | | | | | | | | | | | | 24.0 |
| 26.0 | 68.6 | 103.4 | 361 300* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 66.0 | 102.6 | 349 900* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 63.4 | 101.6 | 338 700* | | | | | | | | | | | | | 30.0 |
| 32.0 | 60.7 | 100.4 | 324 300* b | 67.1 | 102.2 | 324 300* b | | | | | | | | | | 32.0 |
| 34.0 | 58.0 | 99.2 | 304 200* b | 64.5 | 101.3 | 304 200* b | | | | | | | | | | 34.0 |
| 36.0 | 55.1 | 97.8 | 284 600* | 61.8 | 100.2 | 286 200* | | | | | | | | | | 36.0 |
| 38.0 | 52.1 | 96.3 | 265 800* | 59.1 | 99.0 | 270 100* | | | | | | | | | | 38.0 |
| 40.0 | 49.1 | 94.6 | 248 000* | 56.2 | 97.7 | 255 600* | 62.8 | 99.5 | 246 700* | | | | | | | 40.0 |
| 42.0 | 45.8 | 92.7 | 231 200* | 53.3 | 96.2 | 242 400* | 60.0 | 98.3 | 233 900* | | | | | | | 42.0 |
| 44.0 | 42.3 | 90.5 | 215 700* | 50.3 | 94.6 | 230 300* | 57.3 | 97.1 | 222 300* | | | | | | | 44.0 |
| 46.0 | 38.6 | 88.1 | 201 600* | 47.1 | 92.7 | 219 300* | 54.4 | 95.7 | 211 600* | | | | | | | 46.0 |
| 48.0 | 34.6 | 85.2 | 188 800* | 43.7 | 90.7 | 209 100* | 51.4 | 94.1 | 201 800* | 58.1 | 96.0 | 194 600* | | | | 48.0 |
| 50.0 | 30.0 | 81.9 | 177 000* | 40.1 | 88.4 | 199 700* | 48.3 | 92.3 | 192 800* | 55.3 | 94.6 | 185 800* | | | | 50.0 |
| 52.0 | 24.7 | 77.9 | 166 700* | 36.2 | 85.7 | 191 000* | 45.0 | 90.3 | 184 400* | 52.3 | 93.0 | 177 800* | | | | 52.0 |
| 54.0 | 17.9 | 72.4 | 158 500* | 31.9 | 82.6 | 182 800* | 41.4 | 88.1 | 176 600* | 49.2 | 91.3 | 170 300* | | | | 54.0 |
| 56.0 | | | | 26.9 | 78.9 | 175 200* | 37.7 | 85.6 | 169 300* | 46.0 | 89.4 | 163 300* | 53.0 | 91.5 | 157 300* | 56.0 |
| 58.0 | | | | 20.8 | 74.1 | 168 000* | 33.5 | 82.7 | 162 500* | 42.5 | 87.3 | 156 700* | 49.9 | 89.8 | 151 000* | 58.0 |
| 60.0 | | | | | | | 28.8 | 79.2 | 156 000* | 38.8 | 84.9 | 150 600* | 46.7 | 88.0 | 145 100* | 60.0 |
| 62.0 | | | | | | | 23.2 | 74.9 | 149 900* | 34.8 | 82.1 | 144 800* | 43.3 | 85.9 | 139 500* | 62.0 |
| 64.0 | | | | | | | 15.7 | 68.8 | 144 000* | 30.3 | 78.8 | 139 300* | 39.7 | 83.5 | 134 300* | 64.0 |
| 66.0 | | | | | | | | | | 25.0 | 74.8 | 134 100* | 35.7 | 80.8 | 129 300* | 66.0 |
| 68.0 | | | | | | | | | | 18.3 | 69.4 | 129 000* | 31.3 | 77.7 | 124 600* | 68.0 |
| 70.0 | | | | | | | | | | 5.6 | 58.9 | 123 700* | 26.3 | 73.8 | 120 100* | 70.0 |
| 72.0 | | | | | | | | | | | | | 20.0 | 68.9 | 115 800* | 72.0 |

Capacities indicated by **(b)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

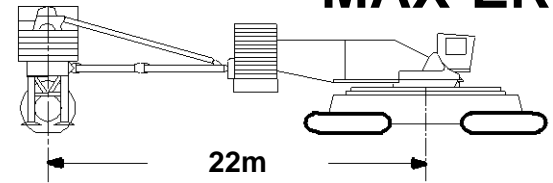
**Do not luff into area indicated by (c)
 with 16 780 kg minimum weight
 (see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | 74.6 | 111.0 | 339 800* b | | | | | | | | | | | | | 22.9 |
| 24.0 | 73.3 | 110.7 | 339 800* b | | | | | | | | | | | | | 24.0 |
| 26.0 | 71.1 | 110.0 | 339 400* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 68.9 | 109.2 | 331 000* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 66.6 | 108.3 | 319 500* | | | | | | | | | | | | | 30.0 |
| 32.0 | 64.3 | 107.4 | 304 200* | 69.8 | 108.8 | 322 400* b | | | | | | | | | | 32.0 |
| 34.0 | 61.9 | 106.3 | 288 500* | 67.5 | 108.0 | 302 300* | | | | | | | | | | 34.0 |
| 36.0 | 59.5 | 105.2 | 272 600* | 65.2 | 107.1 | 284 400* | | | | | | | | | | 36.0 |
| 38.0 | 57.0 | 103.9 | 256 800* | 62.9 | 106.1 | 268 400* | | | | | | | | | | 38.0 |
| 40.0 | 54.4 | 102.4 | 241 500* | 60.5 | 104.9 | 253 900* | | | | | | | | | | 40.0 |
| 42.0 | 51.8 | 100.9 | 226 700* | 58.0 | 103.7 | 240 700* | 63.7 | 105.3 | 232 000* | | | | | | | 42.0 |
| 44.0 | 49.0 | 99.2 | 212 700* | 55.5 | 102.3 | 228 700* | 61.3 | 104.2 | 220 400* | | | | | | | 44.0 |
| 46.0 | 46.2 | 97.3 | 199 500* | 52.9 | 100.8 | 217 700* | 58.9 | 103.0 | 209 800* | | | | | | | 46.0 |
| 48.0 | 43.1 | 95.2 | 187 000* | 50.1 | 99.2 | 207 600* | 56.4 | 101.7 | 200 000* | | | | | | | 48.0 |
| 50.0 | 39.9 | 92.8 | 175 600* | 47.3 | 97.4 | 198 300* | 53.8 | 100.3 | 191 000* | | | | | | | 50.0 |
| 52.0 | 36.5 | 90.2 | 165 300* | 44.4 | 95.3 | 189 700* | 51.1 | 98.7 | 182 700* | 57.1 | 100.6 | 175 800* | | | | 52.0 |
| 54.0 | 32.7 | 87.2 | 155 500* | 41.2 | 93.1 | 181 700* | 48.3 | 96.9 | 175 000* | 54.6 | 99.2 | 168 400* | | | | 54.0 |
| 56.0 | 28.4 | 83.6 | 146 800* | 37.9 | 90.6 | 174 200* | 45.4 | 95.0 | 167 800* | 51.9 | 97.6 | 161 400* | | | | 56.0 |
| 58.0 | 23.5 | 79.3 | 139 200* | 34.2 | 87.7 | 167 200* | 42.4 | 92.8 | 161 100* | 49.2 | 95.9 | 154 900* | | | | 58.0 |
| 60.0 | 17.1 | 73.6 | 132 900* | 30.2 | 84.4 | 160 600* | 39.1 | 90.4 | 154 700* | 46.3 | 94.1 | 148 900* | 52.5 | 96.1 | 143 100* | 60.0 |
| 62.0 | | | | 25.5 | 80.4 | 154 300* | 35.6 | 87.7 | 148 800* | 43.3 | 92.0 | 143 200* | 49.8 | 94.4 | 137 600* | 62.0 |
| 64.0 | | | | 19.9 | 75.4 | 148 400* | 31.7 | 84.5 | 143 200* | 40.1 | 89.6 | 137 800* | 47.0 | 92.6 | 132 500* | 64.0 |
| 66.0 | | | | | | | 27.3 | 80.8 | 137 800* | 36.6 | 87.0 | 132 700* | 44.0 | 90.5 | 127 600* | 66.0 |
| 68.0 | | | | | | | 22.1 | 76.3 | 132 800* | 32.9 | 84.0 | 127 900* | 40.8 | 88.3 | 123 000* | 68.0 |
| 70.0 | | | | | | | 15.1 | 69.9 | 127 800* | 28.7 | 80.5 | 123 300* | 37.4 | 85.7 | 118 600* | 70.0 |
| 72.0 | | | | | | | | | | 23.7 | 76.2 | 118 900* | 33.7 | 82.8 | 114 500* | 72.0 |
| 74.0 | | | | | | | | | | 17.5 | 70.6 | 114 700* | 29.6 | 79.4 | 110 500* | 74.0 |
| 76.0 | | | | | | | | | | 6.4 | 60.2 | 110 200* | 24.9 | 75.4 | 106 600* | 76.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

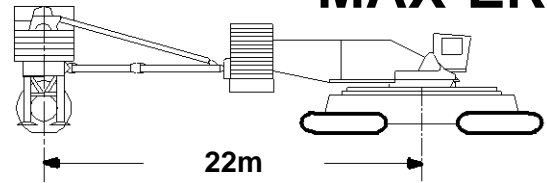


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m | |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | | |
| 24.4 | 74.7 | 116.9 | 293 000* b | | | | | | | | | | | | | 24.4 | |
| 26.0 | 73.1 | 116.4 | 293 000* b | | | | | | | | | | | | | 26.0 | |
| 28.0 | 71.1 | 115.7 | 293 000* b | | | | | | | | | | | | | 28.0 | |
| 30.0 | 69.1 | 115.0 | 290 800* | | | | | | | | | | | | | 30.0 | |
| 32.0 | 67.0 | 114.1 | 281 400* | | | | | | | | | | | | | 32.0 | |
| 34.0 | 65.0 | 113.2 | 269 700* | | | | | | | | | | | | | 34.0 | |
| 36.0 | 62.8 | 112.2 | 257 400* | 67.8 | 113.8 | 283 100* | | | | | | | | | | 36.0 | |
| 38.0 | 60.7 | 111.1 | 244 800* | 65.8 | 112.9 | 267 000* | | | | | | | | | | 38.0 | |
| 40.0 | 58.5 | 109.8 | 232 200* | 63.7 | 111.9 | 252 500* | | | | | | | | | | 40.0 | |
| 42.0 | 56.2 | 108.5 | 219 700* | 61.5 | 110.8 | 239 400* | | | | | | | | | | 42.0 | |
| 44.0 | 53.9 | 107.1 | 207 600* | 59.4 | 109.6 | 227 500* | | | | | | | | | | 44.0 | |
| 46.0 | 51.5 | 105.5 | 195 800* | 57.1 | 108.4 | 216 500* | 62.3 | 110.1 | 208 300* | | | | | | | 46.0 | |
| 48.0 | 49.0 | 103.8 | 184 700* | 54.8 | 107.0 | 206 400* | 60.1 | 109.0 | 198 600* | | | | | | | 48.0 | |
| 50.0 | 46.5 | 101.9 | 173 900* | 52.5 | 105.4 | 197 200* | 57.9 | 107.7 | 189 700* | | | | | | | 50.0 | |
| 52.0 | 43.8 | 99.8 | 164 000* | 50.0 | 103.8 | 188 600* | 55.7 | 106.4 | 181 400* | | | | | | | 52.0 | |
| 54.0 | 40.9 | 97.6 | 154 800* | 47.5 | 102.0 | 180 600* | 53.3 | 104.9 | 173 700* | 58.6 | 106.6 | 166 900* | | | | 54.0 | |
| 56.0 | 37.9 | 95.0 | 146 000* | 44.8 | 100.0 | 173 100* | 50.9 | 103.3 | 166 500* | 56.3 | 105.3 | 160 000* | | | | 56.0 | |
| 58.0 | 34.6 | 92.2 | 138 000* | 42.1 | 97.8 | 166 200* | 48.4 | 101.5 | 159 900* | 54.0 | 103.8 | 153 500* | | | | 58.0 | |
| 60.0 | 31.1 | 89.0 | 130 700* | 39.1 | 95.4 | 159 700* | 45.8 | 99.6 | 153 600* | 51.6 | 102.3 | 147 500* | | | | 60.0 | |
| 62.0 | 27.1 | 85.3 | 124 200* | 36.0 | 92.7 | 153 600* | 43.1 | 97.5 | 147 700* | 49.2 | 100.5 | 141 900* | | | | 62.0 | |
| 64.0 | 22.4 | 80.7 | 118 300* | 32.5 | 89.6 | 147 800* | 40.2 | 95.2 | 142 200* | 46.6 | 98.7 | 136 500* | 52.2 | 100.7 | 131 000* | 64.0 | |
| 66.0 | 16.5 | 74.8 | 113 400* | 28.7 | 86.1 | 142 400* | 37.1 | 92.6 | 137 000* | 43.9 | 96.6 | 131 500* | 49.7 | 99.0 | 126 200* | 66.0 | |
| 68.0 | | | | 24.4 | 82.0 | 137 200* | 33.8 | 89.7 | 132 000* | 41.1 | 94.4 | 126 800* | 47.2 | 97.2 | 121 600* | 68.0 | |
| 70.0 | | | | 19.1 | 76.7 | 132 200* | 30.1 | 86.3 | 127 300* | 38.0 | 91.9 | 122 300* | 44.5 | 95.2 | 117 300* | 70.0 | |
| 72.0 | | | | | | | 26.0 | 82.4 | 122 900* | 34.8 | 89.0 | 118 100* | 41.7 | 93.0 | 113 200* | 72.0 | |
| 74.0 | | | | | | | | | | 21.1 | 77.6 | 118 600* | 38.7 | 90.5 | 109 400* | 74.0 | |
| 76.0 | | | | | | | | | | 14.7 | 71.1 | 114 400* | 27.3 | 87.8 | 105 600* | 76.0 | |
| 80.0 | | | | | | | | | | | | | 16.9 | 81.1 | 98 700* | 80.0 | |
| 84.0 | | | | | | | | | | | | | | 18.3 | 71.4 | 92 200* | 84.0 |

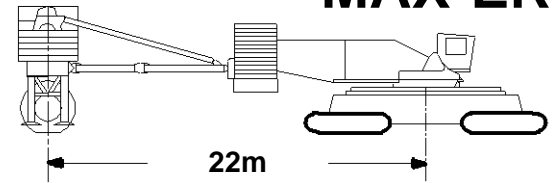
Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | 74.7 | 122.8 | 253 300* ^b | | | | | | | | | | | | | 25.9 |
| 26.0 | 74.7 | 122.8 | 253 300* ^b | | | | | | | | | | | | | 26.0 |
| 28.0 | 72.9 | 122.2 | 253 300* ^b | | | | | | | | | | | | | 28.0 |
| 30.0 | 71.1 | 121.5 | 253 300* | | | | | | | | | | | | | 30.0 |
| 32.0 | 69.2 | 120.7 | 253 300* | | | | | | | | | | | | | 32.0 |
| 34.0 | 67.4 | 119.9 | 249 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 65.5 | 119.0 | 239 600* | | | | | | | | | | | | | 36.0 |
| 38.0 | 63.6 | 118.0 | 230 000* | 68.1 | 119.6 | 260 700* | | | | | | | | | | 38.0 |
| 40.0 | 61.7 | 116.9 | 220 100* | 66.2 | 118.7 | 251 000* | | | | | | | | | | 40.0 |
| 42.0 | 59.7 | 115.8 | 209 900* | 64.4 | 117.7 | 237 600* | | | | | | | | | | 42.0 |
| 44.0 | 57.7 | 114.5 | 199 900* | 62.4 | 116.7 | 225 600* | | | | | | | | | | 44.0 |
| 46.0 | 55.6 | 113.1 | 189 900* | 60.5 | 115.5 | 214 800* | | | | | | | | | | 46.0 |
| 48.0 | 53.5 | 111.7 | 180 200* | 58.5 | 114.3 | 204 700* | 63.1 | 115.9 | 196 700* | | | | | | | 48.0 |
| 50.0 | 51.3 | 110.1 | 170 800* | 56.4 | 113.0 | 195 500* | 61.2 | 114.9 | 187 700* | | | | | | | 50.0 |
| 52.0 | 49.0 | 108.4 | 161 800* | 54.3 | 111.6 | 186 900* | 59.2 | 113.7 | 179 500* | | | | | | | 52.0 |
| 54.0 | 46.7 | 106.5 | 153 100* | 52.2 | 110.0 | 179 000* | 57.1 | 112.4 | 171 800* | | | | | | | 54.0 |
| 56.0 | 44.3 | 104.5 | 145 000* | 49.9 | 108.4 | 171 600* | 55.1 | 111.0 | 164 700* | | | | | | | 56.0 |
| 58.0 | 41.7 | 102.3 | 137 400* | 47.6 | 106.6 | 164 700* | 52.9 | 109.5 | 158 100* | 57.8 | 111.3 | 151 500* | | | | 58.0 |
| 60.0 | 39.0 | 99.8 | 130 200* | 45.2 | 104.6 | 158 200* | 50.7 | 107.9 | 151 800* | 55.7 | 109.9 | 145 500* | | | | 60.0 |
| 62.0 | 36.2 | 97.2 | 123 600* | 42.7 | 102.5 | 152 100* | 48.5 | 106.1 | 146 000* | 53.6 | 108.4 | 140 000* | | | | 62.0 |
| 64.0 | 33.1 | 94.2 | 117 400* | 40.1 | 100.1 | 146 400* | 46.1 | 104.2 | 140 500* | 51.4 | 106.9 | 134 700* | | | | 64.0 |
| 66.0 | 29.7 | 90.8 | 111 700* | 37.3 | 97.6 | 141 100* | 43.6 | 102.1 | 135 300* | 49.1 | 105.1 | 129 700* | 54.1 | 106.9 | 124 200* | 66.0 |
| 68.0 | 26.0 | 86.9 | 106 500* | 34.3 | 94.7 | 136 000* | 41.1 | 99.9 | 130 500* | 46.8 | 103.3 | 125 000* | 51.9 | 105.3 | 119 600* | 68.0 |
| 70.0 | 21.6 | 82.1 | 101 900* | 31.1 | 91.5 | 131 100* | 38.3 | 97.4 | 125 900* | 44.4 | 101.3 | 120 600* | 49.7 | 103.6 | 115 400* | 70.0 |
| 72.0 | 16.0 | 75.9 | 98 100* | 27.5 | 87.8 | 126 600* | 35.4 | 94.6 | 121 500* | 41.8 | 99.1 | 116 300* | 47.3 | 101.8 | 111 300* | 72.0 |
| 74.0 | | | | 23.4 | 83.4 | 122 200* | 32.3 | 91.6 | 117 300* | 39.2 | 96.6 | 112 400* | 44.9 | 99.8 | 107 500* | 74.0 |
| 76.0 | | | | 18.4 | 77.9 | 118 000* | 28.8 | 88.1 | 113 300* | 36.3 | 94.0 | 108 600* | 42.4 | 97.7 | 103 900* | 76.0 |
| 80.0 | | | | | | | 20.3 | 79.0 | 105 800* | 29.9 | 87.6 | 101 400* | 37.0 | 92.7 | 97 100* | 80.0 |
| 84.0 | | | | | | | | | | 21.8 | 79.1 | 94 900* | 30.7 | 86.5 | 90 900* | 84.0 |
| 88.0 | | | | | | | | | | 7.4 | 62.7 | 88 400* | 22.9 | 78.3 | 85 000* | 88.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

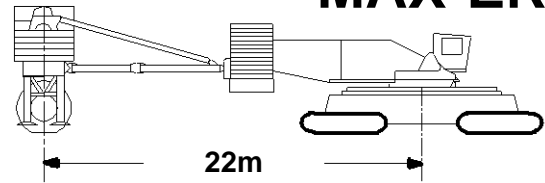


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

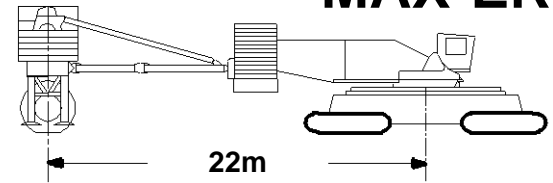
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 74.8 | 128.7 | 220 400* | | | | | | | | | | | | | 27.4 |
| 28.0 | 74.3 | 128.6 | 220 400* | | | | | | | | | | | | | 28.0 |
| 30.0 | 72.7 | 127.9 | 220 400* | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.0 | 127.3 | 220 400* | | | | | | | | | | | | | 32.0 |
| 34.0 | 69.4 | 126.5 | 220 400* | | | | | | | | | | | | | 34.0 |
| 36.0 | 67.7 | 125.7 | 219 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 66.0 | 124.8 | 214 300* | | | | | | | | | | | | | 38.0 |
| 40.0 | 64.2 | 123.8 | 206 700* | 68.3 | 125.3 | 225 600* | | | | | | | | | | 40.0 |
| 42.0 | 62.5 | 122.8 | 198 900* | 66.6 | 124.5 | 225 600* | | | | | | | | | | 42.0 |
| 44.0 | 60.7 | 121.7 | 190 900* | 64.9 | 123.5 | 222 500* | | | | | | | | | | 44.0 |
| 46.0 | 58.8 | 120.5 | 182 800* | 63.2 | 122.5 | 213 200* | | | | | | | | | | 46.0 |
| 48.0 | 57.0 | 119.2 | 174 800* | 61.4 | 121.4 | 203 100* | | | | | | | | | | 48.0 |
| 50.0 | 55.1 | 117.8 | 166 800* | 59.6 | 120.3 | 193 900* | 63.8 | 121.8 | 186 100* | | | | | | | 50.0 |
| 52.0 | 53.1 | 116.3 | 158 900* | 57.7 | 119.0 | 185 400* | 62.0 | 120.7 | 177 800* | | | | | | | 52.0 |
| 54.0 | 51.1 | 114.7 | 151 400* | 55.8 | 117.7 | 177 400* | 60.2 | 119.6 | 170 200* | | | | | | | 54.0 |
| 56.0 | 49.0 | 113.0 | 144 000* | 53.9 | 116.2 | 170 100* | 58.4 | 118.4 | 163 100* | | | | | | | 56.0 |
| 58.0 | 46.9 | 111.1 | 137 000* | 51.9 | 114.6 | 163 200* | 56.5 | 117.0 | 156 400* | | | | | | | 58.0 |
| 60.0 | 44.7 | 109.1 | 130 300* | 49.9 | 113.0 | 156 800* | 54.6 | 115.6 | 150 200* | 58.9 | 117.2 | 143 900* | | | | 60.0 |
| 62.0 | 42.4 | 106.9 | 123 900* | 47.7 | 111.2 | 150 700* | 52.6 | 114.1 | 144 400* | 57.1 | 115.9 | 138 200* | | | | 62.0 |
| 64.0 | 40.0 | 104.6 | 118 000* | 45.6 | 109.2 | 145 100* | 50.6 | 112.5 | 139 000* | 55.2 | 114.5 | 133 000* | | | | 64.0 |
| 66.0 | 37.4 | 102.0 | 112 300* | 43.3 | 107.1 | 139 700* | 48.5 | 110.7 | 133 900* | 53.2 | 113.1 | 128 000* | | | | 66.0 |
| 68.0 | 34.7 | 99.2 | 107 100* | 40.9 | 104.9 | 134 700* | 46.4 | 108.8 | 129 000* | 51.2 | 111.5 | 123 400* | | | | 68.0 |
| 70.0 | 31.8 | 96.0 | 102 200* | 38.4 | 102.4 | 129 900* | 44.1 | 106.8 | 124 400* | 49.1 | 109.7 | 119 000* | 53.6 | 111.5 | 113 700* | 70.0 |
| 72.0 | 28.6 | 92.5 | 97 700* | 35.8 | 99.7 | 125 400* | 41.8 | 104.6 | 120 100* | 47.0 | 107.9 | 114 800* | 51.7 | 109.9 | 109 600* | 72.0 |
| 74.0 | 25.0 | 88.4 | 93 600* | 32.9 | 96.6 | 121 100* | 39.3 | 102.2 | 115 900* | 44.8 | 105.9 | 110 800* | 49.6 | 108.2 | 105 800* | 74.0 |
| 76.0 | 20.8 | 83.5 | 90 000* | 29.9 | 93.3 | 117 000* | 36.7 | 99.5 | 112 000* | 42.5 | 103.7 | 107 100* | 47.5 | 106.4 | 102 200* | 76.0 |
| 80.0 | | | | 22.6 | 84.8 | 109 300* | 31.0 | 93.4 | 104 700* | 37.5 | 98.8 | 100 100* | 43.0 | 102.3 | 95 500* | 80.0 |
| 84.0 | | | | | | | 24.0 | 85.5 | 98 000* | 31.9 | 92.9 | 93 700* | 38.1 | 97.5 | 89 400* | 84.0 |
| 88.0 | | | | | | | 14.0 | 73.3 | 91 600* | 25.2 | 85.3 | 87 800* | 32.6 | 91.7 | 83 700* | 88.0 |
| 92.0 | | | | | | | | | | 15.9 | 74.1 | 82 200* | 26.0 | 84.4 | 78 500* | 92.0 |
| 96.0 | | | | | | | | | | | | | 17.2 | 73.8 | 73 600* | 96.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.9 | 134.6 | 192 000* | | | | | | | | | | | | | 29.0 |
| 30.0 | 74.1 | 134.3 | 192 000* | | | | | | | | | | | | | 30.0 |
| 32.0 | 72.6 | 133.7 | 192 000* | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.0 | 133.0 | 192 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.5 | 132.3 | 192 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 67.9 | 131.5 | 192 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 66.3 | 130.6 | 190 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 64.7 | 129.6 | 185 200* | 68.5 | 131.1 | 196 400* | | | | | | | | | | 42.0 |
| 44.0 | 63.1 | 128.6 | 179 000* | 67.0 | 130.2 | 196 400* | | | | | | | | | | 44.0 |
| 46.0 | 61.5 | 127.5 | 172 600* | 65.4 | 129.3 | 192 900* | | | | | | | | | | 46.0 |
| 48.0 | 59.8 | 126.4 | 166 100* | 63.8 | 128.3 | 187 400* | | | | | | | | | | 48.0 |
| 50.0 | 58.1 | 125.1 | 159 600* | 62.1 | 127.3 | 181 500* | | | | | | | | | | 50.0 |
| 52.0 | 56.4 | 123.8 | 153 100* | 60.5 | 126.2 | 175 400* | 64.3 | 127.6 | 175 900* | | | | | | | 52.0 |
| 54.0 | 54.6 | 122.4 | 146 700* | 58.8 | 125.0 | 169 200* | 62.7 | 126.6 | 168 200* | | | | | | | 54.0 |
| 56.0 | 52.8 | 120.9 | 140 400* | 57.1 | 123.7 | 162 800* | 61.1 | 125.5 | 161 200* | | | | | | | 56.0 |
| 58.0 | 50.9 | 119.3 | 134 200* | 55.3 | 122.3 | 156 500* | 59.4 | 124.3 | 154 600* | | | | | | | 58.0 |
| 60.0 | 49.0 | 117.6 | 128 100* | 53.5 | 120.8 | 150 200* | 57.7 | 123.0 | 148 400* | | | | | | | 60.0 |
| 62.0 | 47.1 | 115.7 | 122 300* | 51.7 | 119.2 | 144 200* | 55.9 | 121.7 | 142 600* | | | | | | | 62.0 |
| 64.0 | 45.0 | 113.7 | 116 700* | 49.8 | 117.6 | 138 300* | 54.2 | 120.2 | 137 200* | 58.2 | 121.9 | 131 000* | | | | 64.0 |
| 66.0 | 42.9 | 111.6 | 111 400* | 47.8 | 115.8 | 132 600* | 52.3 | 118.7 | 132 000* | 56.5 | 120.6 | 126 100* | | | | 66.0 |
| 68.0 | 40.7 | 109.3 | 106 400* | 45.8 | 113.8 | 127 100* | 50.5 | 117.1 | 127 200* | 54.7 | 119.2 | 121 400* | | | | 68.0 |
| 70.0 | 38.4 | 106.8 | 101 700* | 43.8 | 111.8 | 121 700* | 48.5 | 115.3 | 122 700* | 52.9 | 117.7 | 117 100* | | | | 70.0 |
| 72.0 | 36.0 | 104.1 | 97 200* | 41.6 | 109.6 | 116 600* | 46.6 | 113.4 | 118 400* | 51.0 | 116.1 | 112 900* | | | | 72.0 |
| 74.0 | 33.4 | 101.2 | 93 000* | 39.3 | 107.2 | 111 700* | 44.5 | 111.4 | 114 300* | 49.1 | 114.3 | 109 000* | 53.3 | 116.1 | 103 800* | 74.0 |
| 76.0 | 30.6 | 97.9 | 89 100* | 37.0 | 104.5 | 107 000* | 42.4 | 109.3 | 110 400* | 47.2 | 112.5 | 105 200* | 51.4 | 114.5 | 100 200* | 76.0 |
| 80.0 | 24.1 | 89.9 | 82 200* | 31.7 | 98.5 | 98 400* | 37.8 | 104.4 | 103 100* | 43.0 | 108.4 | 98 300* | 47.6 | 111.0 | 93 500* | 80.0 |
| 84.0 | 15.2 | 78.2 | 76 900* | 25.5 | 91.0 | 90 600* | 32.7 | 98.6 | 96 600* | 38.5 | 103.6 | 92 000* | 43.5 | 107.0 | 87 500* | 84.0 |
| 88.0 | | | | 17.4 | 80.4 | 83 800* | 26.7 | 91.4 | 90 500* | 33.5 | 98.0 | 86 200* | 39.0 | 102.3 | 82 000* | 88.0 |
| 92.0 | | | | | | | 19.1 | 81.5 | 84 800* | 27.7 | 91.0 | 80 900* | 34.1 | 96.8 | 76 900* | 92.0 |
| 96.0 | | | | | | | 2.2 | 58.6 | 78 300* | 20.4 | 81.8 | 75 900* | 28.4 | 90.0 | 72 100* | 96.0 |
| 100.0 | | | | | | | | | | 7.9 | 65.0 | 70 800* | 21.3 | 81.1 | 67 600* | 100.0 |

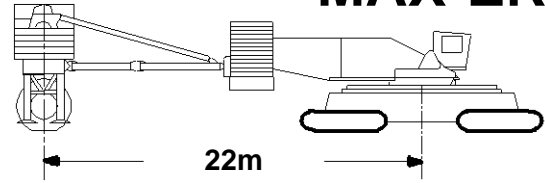


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

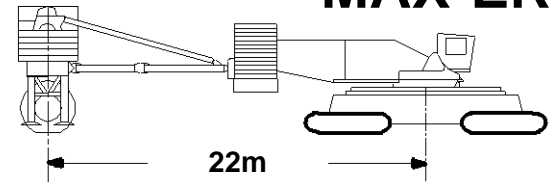
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.9 | 140.5 | 167 700* | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.8 | 140.1 | 167 700* | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.4 | 139.5 | 167 700* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.0 | 138.8 | 167 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 69.6 | 138.0 | 167 700* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.1 | 137.2 | 167 700* | | | | | | | | | | | | | 40.0 |
| 42.0 | 66.7 | 136.4 | 167 400* | | | | | | | | | | | | | 42.0 |
| 44.0 | 65.2 | 135.4 | 163 500* | 68.7 | 136.9 | 170 200* | | | | | | | | | | 44.0 |
| 46.0 | 63.7 | 134.5 | 157 300* | 67.3 | 136.0 | 169 900* | | | | | | | | | | 46.0 |
| 48.0 | 62.2 | 133.4 | 151 100* | 65.8 | 135.1 | 166 600* | | | | | | | | | | 48.0 |
| 50.0 | 60.6 | 132.3 | 145 000* | 64.3 | 134.2 | 160 900* | | | | | | | | | | 50.0 |
| 52.0 | 59.1 | 131.1 | 139 000* | 62.8 | 133.1 | 155 100* | | | | | | | | | | 52.0 |
| 54.0 | 57.5 | 129.8 | 133 100* | 61.3 | 132.0 | 149 200* | | | | | | | | | | 54.0 |
| 56.0 | 55.9 | 128.5 | 127 400* | 59.7 | 130.9 | 143 300* | 63.3 | 132.4 | 154 100* | | | | | | | 56.0 |
| 58.0 | 54.2 | 127.0 | 121 700* | 58.1 | 129.6 | 137 400* | 61.8 | 131.3 | 149 300* | | | | | | | 58.0 |
| 60.0 | 52.5 | 125.5 | 116 300* | 56.5 | 128.3 | 131 600* | 60.3 | 130.2 | 144 200* | | | | | | | 60.0 |
| 62.0 | 50.8 | 123.9 | 111 000* | 54.9 | 126.9 | 125 900* | 58.7 | 129.0 | 138 900* | | | | | | | 62.0 |
| 64.0 | 49.0 | 122.2 | 106 000* | 53.2 | 125.4 | 120 300* | 57.1 | 127.7 | 133 500* | | | | | | | 64.0 |
| 66.0 | 47.2 | 120.3 | 101 100* | 51.5 | 123.9 | 114 800* | 55.5 | 126.3 | 128 000* | 59.2 | 127.8 | 124 500* | | | | 66.0 |
| 68.0 | 45.3 | 118.4 | 96 400* | 49.7 | 122.2 | 109 700* | 53.8 | 124.9 | 122 500* | 57.6 | 126.6 | 119 900* | | | | 68.0 |
| 70.0 | 43.4 | 116.3 | 91 900* | 47.9 | 120.4 | 104 700* | 52.1 | 123.3 | 117 200* | 55.9 | 125.2 | 115 500* | | | | 70.0 |
| 72.0 | 41.4 | 114.0 | 87 600* | 46.1 | 118.5 | 99 700* | 50.4 | 121.7 | 112 000* | 54.3 | 123.8 | 111 400* | | | | 72.0 |
| 74.0 | 39.3 | 111.6 | 83 500* | 44.2 | 116.4 | 95 100* | 48.6 | 119.9 | 107 000* | 52.6 | 122.3 | 107 500* | | | | 74.0 |
| 76.0 | 37.0 | 109.0 | 79 600* | 42.2 | 114.2 | 90 700* | 46.7 | 118.1 | 102 100* | 50.9 | 120.7 | 103 800* | | | | 76.0 |
| 80.0 | 32.2 | 103.1 | 72 300* | 37.9 | 109.4 | 82 300* | 42.9 | 113.9 | 92 900* | 47.3 | 117.1 | 96 900* | 51.3 | 119.1 | 92 000* | 80.0 |
| 84.0 | 26.7 | 95.8 | 65 600* | 33.2 | 103.6 | 74 700* | 38.7 | 109.2 | 84 500* | 43.5 | 113.1 | 90 600* | 47.7 | 115.6 | 86 000* | 84.0 |
| 88.0 | 19.6 | 86.1 | 59 800* | 27.8 | 96.7 | 67 800* | 34.1 | 103.6 | 76 700* | 39.4 | 108.4 | 84 900* | 43.9 | 111.6 | 80 500* | 88.0 |
| 92.0 | | | | 21.2 | 87.6 | 61 700* | 28.9 | 96.9 | 69 600* | 34.8 | 103.0 | 78 200* | 39.8 | 107.1 | 75 500* | 92.0 |
| 96.0 | | | | 11.1 | 73.2 | 56 800* | 22.5 | 88.3 | 63 400* | 29.7 | 96.5 | 71 000* | 35.4 | 101.7 | 70 800* | 96.0 |
| 100.0 | | | | | | | 13.5 | 75.5 | 58 100* | 23.6 | 88.3 | 64 700* | 30.3 | 95.4 | 66 500* | 100.0 |
| 104.0 | | | | | | | | | | 15.2 | 76.5 | 59 200* | 24.3 | 87.4 | 62 400* | 104.0 |
| 108.0 | | | | | | | | | | | | | 16.3 | 76.2 | 58 500* | 108.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.9 | 146.4 | 149 600* | | | | | | | | | | | | | 32.0 |
| 34.0 | 73.6 | 145.9 | 149 600* | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.3 | 145.2 | 149 600* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.0 | 144.5 | 149 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 69.7 | 143.8 | 148 700* | | | | | | | | | | | | | 40.0 |
| 42.0 | 68.3 | 143.0 | 144 900* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.0 | 142.1 | 140 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 65.6 | 141.2 | 134 900* | 68.9 | 142.6 | 147 300* | | | | | | | | | | 46.0 |
| 48.0 | 64.2 | 140.3 | 129 100* | 67.5 | 141.8 | 143 000* | | | | | | | | | | 48.0 |
| 50.0 | 62.8 | 139.2 | 123 300* | 66.1 | 140.9 | 137 600* | | | | | | | | | | 50.0 |
| 52.0 | 61.4 | 138.2 | 117 600* | 64.7 | 140.0 | 132 100* | | | | | | | | | | 52.0 |
| 54.0 | 59.9 | 137.0 | 112 100* | 63.3 | 139.0 | 126 500* | | | | | | | | | | 54.0 |
| 56.0 | 58.4 | 135.8 | 106 800* | 61.9 | 137.9 | 121 000* | | | | | | | | | | 56.0 |
| 58.0 | 56.9 | 134.5 | 101 600* | 60.5 | 136.8 | 115 500* | 63.8 | 138.2 | 126 500* | | | | | | | 58.0 |
| 60.0 | 55.4 | 133.1 | 96 600* | 59.0 | 135.6 | 110 100* | 62.4 | 137.2 | 121 600* | | | | | | | 60.0 |
| 62.0 | 53.9 | 131.7 | 91 800* | 57.5 | 134.3 | 104 900* | 61.0 | 136.1 | 116 600* | | | | | | | 62.0 |
| 64.0 | 52.3 | 130.1 | 87 100* | 56.0 | 133.0 | 99 700* | 59.5 | 134.9 | 111 500* | | | | | | | 64.0 |
| 66.0 | 50.7 | 128.5 | 82 700* | 54.5 | 131.5 | 94 800* | 58.1 | 133.7 | 106 500* | | | | | | | 66.0 |
| 68.0 | 49.0 | 126.8 | 78 400* | 52.9 | 130.0 | 90 100* | 56.6 | 132.3 | 101 600* | | | | | | | 68.0 |
| 70.0 | 47.3 | 124.9 | 74 200* | 51.3 | 128.5 | 85 500* | 55.0 | 131.0 | 96 700* | 58.5 | 132.5 | 106 100* | | | | 70.0 |
| 72.0 | 45.6 | 123.0 | 70 400* | 49.7 | 126.8 | 81 100* | 53.5 | 129.5 | 92 000* | 57.0 | 131.2 | 101 700* | | | | 72.0 |
| 74.0 | 43.8 | 120.9 | 66 500* | 48.0 | 125.0 | 76 800* | 51.9 | 127.9 | 87 400* | 55.5 | 129.9 | 97 200* | | | | 74.0 |
| 76.0 | 41.9 | 118.7 | 62 900* | 46.3 | 123.1 | 72 700* | 50.3 | 126.3 | 83 000* | 54.0 | 128.4 | 92 700* | | | | 76.0 |
| 80.0 | 38.0 | 113.8 | 56 000* | 42.7 | 118.9 | 65 000* | 46.9 | 122.7 | 74 500* | 50.8 | 125.3 | 84 000* | 54.3 | 126.8 | 90 000* | 80.0 |
| 84.0 | 33.6 | 108.1 | 49 800* | 38.8 | 114.2 | 58 000* | 43.3 | 118.6 | 66 700* | 47.4 | 121.7 | 75 700* | 51.1 | 123.7 | 84 000* | 84.0 |
| 88.0 | 28.7 | 101.4 | 44 100* | 34.5 | 108.7 | 51 600* | 39.5 | 113.9 | 59 600* | 43.9 | 117.7 | 68 000* | 47.8 | 120.2 | 76 100* | 88.0 |
| 92.0 | 22.7 | 92.8 | 39 000* | 29.7 | 102.1 | 45 700* | 35.3 | 108.6 | 53 100* | 40.1 | 113.2 | 60 800* | 44.3 | 116.3 | 68 600* | 92.0 |
| 96.0 | 14.6 | 80.5 | 34 500* | 24.0 | 94.0 | 40 400* | 30.6 | 102.3 | 47 100* | 35.9 | 107.9 | 54 100* | 40.5 | 111.8 | 61 400* | 96.0 |
| 100.0 | | | | 16.6 | 82.8 | 35 800* | 25.1 | 94.5 | 41 700* | 31.3 | 101.8 | 48 200* | 36.4 | 106.6 | 54 900* | 100.0 |
| 104.0 | | | | | | | 18.1 | 84.0 | 36 900* | 26.0 | 94.3 | 42 800* | 31.9 | 100.6 | 48 900* | 104.0 |
| 108.0 | | | | | | | 4.6 | 62.9 | 33 500* | 19.3 | 84.4 | 37 800* | 26.6 | 93.3 | 43 300* | 108.0 |
| 112.0 | | | | | | | | | | 8.3 | 67.3 | 34 000* | 20.2 | 83.7 | 38 500* | 112.0 |

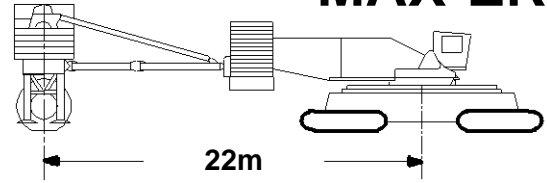


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 18.3 | | | c | | | | | | | | | | | | | 18.3 |
| 20.0 | | | c | | | | | | | | | | | | | 20.0 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | 65.3 | 97.3 | 387 000*b | | | | | | | | | | | | | 24.0 |
| 26.0 | 61.8 | 96.2 | 372 200*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 58.1 | 95.0 | 358 300*b | | | c | | | | | | | | | | 28.0 |
| 30.0 | 54.2 | 93.6 | 344 500*b | 64.1 | 96.2 | 346 900*b | | | | | | | | | | 30.0 |
| 32.0 | 50.2 | 91.9 | 322 200* | 60.5 | 95.1 | 324 000*b | | | | | | | | | | 32.0 |
| 34.0 | 45.9 | 90.0 | 297 600* | 56.8 | 93.8 | 303 900*b | | | | | | | | | | 34.0 |
| 36.0 | 41.2 | 87.8 | 275 100* | 52.9 | 92.3 | 286 000* | 62.7 | 94.5 | 275 500*b | | | | | | | 36.0 |
| 38.0 | 36.0 | 85.1 | 254 900* | 48.7 | 90.5 | 269 900* | 59.1 | 93.4 | 259 900*b | | | | | | | 38.0 |
| 40.0 | 30.0 | 81.9 | 237 100* | 44.3 | 88.5 | 255 300* | 55.3 | 92.0 | 245 900*b | | | | | | | 40.0 |
| 42.0 | 22.4 | 77.5 | 222 300* | 39.5 | 86.2 | 242 000* | 51.3 | 90.4 | 233 200* | | | | | | | 42.0 |
| 44.0 | 10.0 | 69.8 | 194 500* | 34.0 | 83.3 | 229 800* | 47.1 | 88.6 | 221 600* | 57.4 | 91.1 | 213 100*b | | | | 44.0 |
| 46.0 | | | | 27.6 | 79.8 | 218 600* | 42.5 | 86.5 | 210 900* | 53.6 | 89.6 | 202 900*b | | | | 46.0 |
| 48.0 | | | | 19.2 | 74.8 | 208 000* | 37.5 | 83.9 | 201 000* | 49.5 | 87.9 | 193 500* | | | | 48.0 |
| 50.0 | | | | | | | 31.7 | 80.8 | 191 800* | 45.1 | 86.0 | 184 700* | | | | 50.0 |
| 52.0 | | | | | | | 24.7 | 76.9 | 183 200* | 40.3 | 83.7 | 176 600* | 51.4 | 86.7 | 169 800* | 52.0 |
| 54.0 | | | | | | | 14.6 | 70.7 | 174 800* | 35.0 | 81.0 | 169 000* | 47.2 | 84.8 | 162 600* | 54.0 |
| 56.0 | | | | | | | | | | 28.8 | 77.5 | 161 900* | 42.6 | 82.7 | 155 900* | 56.0 |
| 58.0 | | | | | | | | | | 20.8 | 72.9 | 155 100* | 37.6 | 80.2 | 149 500* | 58.0 |
| 60.0 | | | | | | | | | | | | | 31.8 | 77.1 | 143 500* | 60.0 |
| 62.0 | | | | | | | | | | | | | 24.9 | 73.2 | 137 800* | 62.0 |
| 64.0 | | | | | | | | | | | | | 14.9 | 67.1 | 132 200* | 64.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

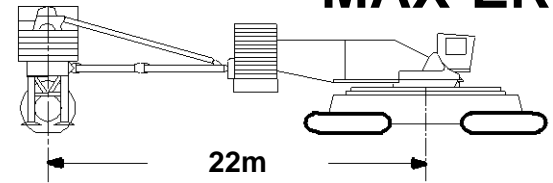
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight**
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 19.8 | | | c | | | | | | | | | | | | | 19.8 |
| 20.0 | | | c | | | | | | | | | | | | | 20.0 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | 69.1 | 104.0 | 366 900*b | | | | | | | | | | | | | 24.0 |
| 26.0 | 66.1 | 103.1 | 354 800*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 63.1 | 102.1 | 342 600*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 60.0 | 100.9 | 329 900*b | 68.1 | 102.9 | 345 100*b | | | | | | | | | | 30.0 |
| 32.0 | 56.8 | 99.6 | 309 700* | 65.1 | 102.0 | 322 400*b | | | | | | | | | | 32.0 |
| 34.0 | 53.5 | 98.2 | 288 000* | 62.1 | 100.9 | 302 400*b | | | | | | | | | | 34.0 |
| 36.0 | 50.0 | 96.5 | 267 800* | 58.9 | 99.7 | 284 500* | | | | | | | | | | 36.0 |
| 38.0 | 46.3 | 94.6 | 248 700* | 55.7 | 98.4 | 268 600* | | | | | | | | | | 38.0 |
| 40.0 | 42.4 | 92.5 | 231 200* | 52.3 | 96.9 | 254 100* | 60.9 | 99.3 | 244 100*b | | | | | | | 40.0 |
| 42.0 | 38.1 | 90.0 | 215 200* | 48.8 | 95.1 | 240 900* | 57.7 | 98.0 | 231 500* | | | | | | | 42.0 |
| 44.0 | 33.4 | 87.1 | 200 800* | 45.0 | 93.2 | 228 900* | 54.4 | 96.6 | 220 000* | | | | | | | 44.0 |
| 46.0 | 27.9 | 83.5 | 188 200* | 41.0 | 90.9 | 217 900* | 51.0 | 95.0 | 209 400* | 59.5 | 97.1 | 201 000*b | | | | 46.0 |
| 48.0 | 21.0 | 78.8 | 177 700* | 36.6 | 88.3 | 207 700* | 47.4 | 93.2 | 199 700* | 56.3 | 95.7 | 191 700* | | | | 48.0 |
| 50.0 | 10.0 | 70.9 | 169 900* | 31.6 | 85.2 | 198 300* | 43.5 | 91.1 | 190 700* | 52.9 | 94.2 | 183 000* | | | | 50.0 |
| 52.0 | | | | 25.7 | 81.3 | 189 400* | 39.3 | 88.7 | 182 400* | 49.4 | 92.5 | 175 100* | | | | 52.0 |
| 54.0 | | | | 18.1 | 76.0 | 181 100* | 34.7 | 86.0 | 174 600* | 45.7 | 90.6 | 167 700* | | | | 54.0 |
| 56.0 | | | | | | | 29.5 | 82.6 | 167 300* | 41.7 | 88.4 | 160 700* | 51.1 | 91.3 | 154 100* | 56.0 |
| 58.0 | | | | | | | 23.1 | 78.3 | 160 400* | 37.3 | 85.9 | 154 200* | 47.4 | 89.4 | 147 900* | 58.0 |
| 60.0 | | | | | | | 14.0 | 71.8 | 153 600* | 32.5 | 82.9 | 148 100* | 43.6 | 87.4 | 142 000* | 60.0 |
| 62.0 | | | | | | | | | | 26.8 | 79.1 | 142 200* | 39.4 | 85.0 | 136 600* | 62.0 |
| 64.0 | | | | | | | | | | 19.6 | 74.2 | 136 600* | 34.8 | 82.2 | 131 400* | 64.0 |
| 66.0 | | | | | | | | | | | | | 29.6 | 78.9 | 126 500* | 66.0 |
| 68.0 | | | | | | | | | | | | | 23.2 | 74.6 | 121 700* | 68.0 |
| 70.0 | | | | | | | | | | | | | 14.3 | 68.2 | 117 000* | 70.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

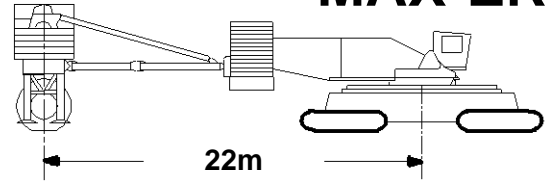


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | 73.2 | 110.9 | 348 900* b | | | | | | | | | | | | | 22.9 |
| 24.0 | 71.8 | 110.5 | 343 400* b | | | | | | | | | | | | | 24.0 |
| 26.0 | 69.3 | 109.7 | 333 600* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 66.7 | 108.9 | 323 500* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 64.1 | 107.9 | 312 000* | | | | | | | | | | | | | 30.0 |
| 32.0 | 61.5 | 106.8 | 295 100* | 68.4 | 108.7 | 321 000* b | | | | | | | | | | 32.0 |
| 34.0 | 58.7 | 105.6 | 277 100* | 65.8 | 107.8 | 301 100* b | | | | | | | | | | 34.0 |
| 36.0 | 55.9 | 104.3 | 259 600* | 63.2 | 106.8 | 283 300* | | | | | | | | | | 36.0 |
| 38.0 | 52.9 | 102.8 | 242 700* | 60.5 | 105.7 | 267 400* | | | | | | | | | | 38.0 |
| 40.0 | 49.9 | 101.1 | 226 800* | 57.8 | 104.4 | 253 000* | | | | | | | | | | 40.0 |
| 42.0 | 46.7 | 99.3 | 211 800* | 54.9 | 103.0 | 239 900* | 62.2 | 105.1 | 230 200* | | | | | | | 42.0 |
| 44.0 | 43.3 | 97.2 | 197 900* | 51.9 | 101.5 | 228 000* | 59.5 | 104.0 | 218 700* | | | | | | | 44.0 |
| 46.0 | 39.6 | 94.8 | 185 100* | 48.8 | 99.7 | 217 100* | 56.7 | 102.7 | 208 200* | | | | | | | 46.0 |
| 48.0 | 35.7 | 92.1 | 173 400* | 45.5 | 97.8 | 207 000* | 53.8 | 101.2 | 198 600* | | | | | | | 48.0 |
| 50.0 | 31.3 | 88.9 | 162 900* | 42.1 | 95.6 | 197 700* | 50.7 | 99.6 | 189 700* | 58.2 | 101.7 | 181 700* | | | | 50.0 |
| 52.0 | 26.2 | 85.1 | 153 600* | 38.3 | 93.2 | 189 100* | 47.6 | 97.8 | 181 400* | 55.4 | 100.4 | 173 800* | | | | 52.0 |
| 54.0 | 19.9 | 80.1 | 145 800* | 34.3 | 90.3 | 181 100* | 44.2 | 95.8 | 173 700* | 52.4 | 98.8 | 166 400* | | | | 54.0 |
| 56.0 | 10.0 | 72.0 | 140 800* | 29.7 | 87.0 | 173 500* | 40.7 | 93.5 | 166 600* | 49.3 | 97.1 | 159 600* | | | | 56.0 |
| 58.0 | | | | 24.3 | 82.8 | 166 400* | 36.8 | 90.9 | 159 900* | 46.1 | 95.2 | 153 200* | 53.8 | 97.5 | 146 500* | 58.0 |
| 60.0 | | | | 17.2 | 77.2 | 159 600* | 32.6 | 87.9 | 153 600* | 42.7 | 93.1 | 147 200* | 50.8 | 95.9 | 140 800* | 60.0 |
| 62.0 | | | | | | | 27.7 | 84.3 | 147 600* | 39.0 | 90.7 | 141 500* | 47.6 | 94.1 | 135 400* | 62.0 |
| 64.0 | | | | | | | 21.8 | 79.7 | 141 900* | 35.0 | 87.9 | 136 200* | 44.3 | 92.0 | 130 300* | 64.0 |
| 66.0 | | | | | | | 13.5 | 72.9 | 136 300* | 30.5 | 84.7 | 131 100* | 40.8 | 89.8 | 125 500* | 66.0 |
| 68.0 | | | | | | | | | | 25.2 | 80.7 | 126 300* | 36.9 | 87.2 | 121 000* | 68.0 |
| 70.0 | | | | | | | | | | 18.6 | 75.4 | 121 600* | 32.7 | 84.2 | 116 700* | 70.0 |
| 72.0 | | | | | | | | | | | | | 27.8 | 80.6 | 112 500* | 72.0 |
| 74.0 | | | | | | | | | | | | | 22.0 | 76.0 | 108 500* | 74.0 |
| 76.0 | | | | | | | | | | | | | 13.8 | 69.3 | 104 500* | 76.0 |

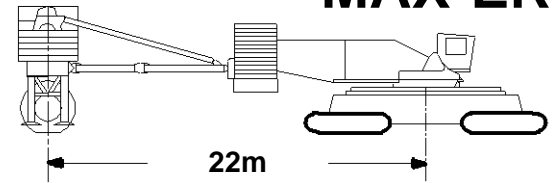
Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | 73.5 | 116.8 | 310 700* b | | | | | | | | | | | | | 24.4 |
| 26.0 | 71.7 | 116.2 | 310 500* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 69.5 | 115.5 | 304 400* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 67.2 | 114.7 | 290 900* | | | | | | | | | | | | | 30.0 |
| 32.0 | 64.9 | 113.7 | 277 100* | | | | | | | | | | | | | 32.0 |
| 34.0 | 62.5 | 112.7 | 262 900* | 68.7 | 114.5 | 299 300* b | | | | | | | | | | 34.0 |
| 36.0 | 60.1 | 111.5 | 248 500* | 66.4 | 113.6 | 281 500* | | | | | | | | | | 36.0 |
| 38.0 | 57.7 | 110.3 | 234 300* | 64.1 | 112.6 | 265 600* | | | | | | | | | | 38.0 |
| 40.0 | 55.1 | 108.9 | 220 400* | 61.7 | 111.5 | 251 200* | | | | | | | | | | 40.0 |
| 42.0 | 52.5 | 107.4 | 207 000* | 59.3 | 110.4 | 238 200* | | | | | | | | | | 42.0 |
| 44.0 | 49.8 | 105.7 | 194 400* | 56.8 | 109.1 | 226 300* | 63.2 | 111.0 | 216 800* | | | | | | | 44.0 |
| 46.0 | 46.9 | 103.9 | 182 400* | 54.2 | 107.6 | 215 500* | 60.8 | 109.9 | 206 300* | | | | | | | 46.0 |
| 48.0 | 44.0 | 101.8 | 171 300* | 51.6 | 106.1 | 205 500* | 58.4 | 108.7 | 196 700* | | | | | | | 48.0 |
| 50.0 | 40.8 | 99.5 | 161 000* | 48.8 | 104.3 | 196 200* | 55.8 | 107.3 | 187 800* | | | | | | | 50.0 |
| 52.0 | 37.4 | 97.0 | 151 400* | 45.9 | 102.4 | 187 700* | 53.2 | 105.8 | 179 700* | 59.7 | 107.7 | 171 700* | | | | 52.0 |
| 54.0 | 33.7 | 94.1 | 142 700* | 42.9 | 100.3 | 179 700* | 50.5 | 104.2 | 172 000* | 57.2 | 106.4 | 164 400* | | | | 54.0 |
| 56.0 | 29.6 | 90.7 | 134 900* | 39.7 | 97.9 | 172 300* | 47.7 | 102.4 | 165 000* | 54.7 | 105.0 | 157 600* | | | | 56.0 |
| 58.0 | 24.9 | 86.6 | 127 900* | 36.2 | 95.3 | 165 400* | 44.8 | 100.4 | 158 300* | 52.0 | 103.4 | 151 300* | | | | 58.0 |
| 60.0 | 19.0 | 81.4 | 122 100* | 32.4 | 92.2 | 158 900* | 41.7 | 98.2 | 152 100* | 49.3 | 101.7 | 145 400* | | | | 60.0 |
| 62.0 | 10.1 | 73.1 | 118 200* | 28.1 | 88.6 | 152 700* | 38.4 | 95.7 | 146 300* | 46.4 | 99.9 | 139 800* | 53.3 | 102.1 | 133 400* | 62.0 |
| 64.0 | | | | 23.1 | 84.3 | 146 900* | 34.8 | 92.9 | 140 800* | 43.4 | 97.8 | 134 600* | 50.6 | 100.5 | 128 300* | 64.0 |
| 66.0 | | | | 16.5 | 78.4 | 141 300* | 30.8 | 89.7 | 135 600* | 40.2 | 95.5 | 129 600* | 47.8 | 98.7 | 123 600* | 66.0 |
| 68.0 | | | | | | | 26.3 | 85.9 | 130 600* | 36.8 | 92.9 | 124 900* | 44.9 | 96.7 | 119 200* | 68.0 |
| 70.0 | | | | | | | 20.8 | 81.0 | 125 800* | 33.0 | 89.9 | 120 400* | 41.8 | 94.5 | 114 900* | 70.0 |
| 72.0 | | | | | | | 13.2 | 74.0 | 121 200* | 28.8 | 86.4 | 116 200* | 38.4 | 92.0 | 110 900* | 72.0 |
| 74.0 | | | | | | | | | | 24.0 | 82.2 | 112 100* | 34.8 | 89.2 | 107 100* | 74.0 |
| 76.0 | | | | | | | | | | 17.8 | 76.6 | 108 200* | 30.9 | 86.0 | 103 400* | 76.0 |
| 80.0 | | | | | | | | | | | | | 20.9 | 77.3 | 96 400* | 80.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

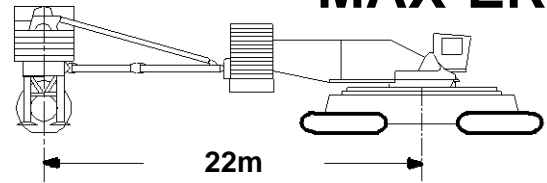


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | 73.7 | 122.7 | 270 100*(b) | | | | | | | | | | | | | 25.9 |
| 26.0 | 73.6 | 122.7 | 270 100*(b) | | | | | | | | | | | | | 26.0 |
| 28.0 | 71.6 | 122.0 | 270 100*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 69.6 | 121.3 | 266 700* | | | | | | | | | | | | | 30.0 |
| 32.0 | 67.6 | 120.4 | 257 300* | | | | | | | | | | | | | 32.0 |
| 34.0 | 65.5 | 119.5 | 246 500* | | | | | | | | | | | | | 34.0 |
| 36.0 | 63.4 | 118.5 | 235 200* | 68.9 | 120.2 | 277 100* | | | | | | | | | | 36.0 |
| 38.0 | 61.3 | 117.4 | 223 700* | 66.9 | 119.4 | 264 400* | | | | | | | | | | 38.0 |
| 40.0 | 59.1 | 116.2 | 212 100* | 64.8 | 118.4 | 249 800* | | | | | | | | | | 40.0 |
| 42.0 | 56.8 | 114.9 | 200 700* | 62.7 | 117.4 | 236 800* | | | | | | | | | | 42.0 |
| 44.0 | 54.5 | 113.5 | 189 600* | 60.5 | 116.3 | 225 000* | | | | | | | | | | 44.0 |
| 46.0 | 52.2 | 112.0 | 178 900* | 58.3 | 115.1 | 214 200* | 64.0 | 116.8 | 204 800* | | | | | | | 46.0 |
| 48.0 | 49.7 | 110.3 | 168 800* | 56.1 | 113.7 | 204 200* | 61.9 | 115.8 | 195 200* | | | | | | | 48.0 |
| 50.0 | 47.2 | 108.5 | 159 100* | 53.7 | 112.3 | 195 000* | 59.7 | 114.6 | 186 400* | | | | | | | 50.0 |
| 52.0 | 44.5 | 106.5 | 150 100* | 51.3 | 110.7 | 186 500* | 57.5 | 113.3 | 178 300* | | | | | | | 52.0 |
| 54.0 | 41.7 | 104.3 | 141 600* | 48.8 | 108.9 | 178 600* | 55.2 | 111.9 | 170 700* | | | | | | | 54.0 |
| 56.0 | 38.7 | 101.8 | 133 800* | 46.3 | 107.1 | 171 300* | 52.8 | 110.4 | 163 600* | 58.7 | 112.4 | 156 100* | | | | 56.0 |
| 58.0 | 35.5 | 99.1 | 126 500* | 43.6 | 105.0 | 164 400* | 50.4 | 108.8 | 157 100* | 56.4 | 111.0 | 149 800* | | | | 58.0 |
| 60.0 | 32.1 | 96.0 | 119 900* | 40.7 | 102.7 | 158 000* | 47.9 | 107.0 | 150 900* | 54.1 | 109.6 | 143 900* | | | | 60.0 |
| 62.0 | 28.2 | 92.4 | 113 800* | 37.7 | 100.1 | 151 900* | 45.2 | 105.1 | 145 100* | 51.7 | 108.0 | 138 400* | | | | 62.0 |
| 64.0 | 23.8 | 88.1 | 108 400* | 34.4 | 97.3 | 146 200* | 42.5 | 102.9 | 139 700* | 49.3 | 106.3 | 133 200* | | | | 64.0 |
| 66.0 | 18.3 | 82.6 | 103 900* | 30.8 | 94.1 | 140 800* | 39.6 | 100.5 | 134 600* | 46.7 | 104.5 | 128 300* | 52.9 | 106.7 | 122 100* | 66.0 |
| 68.0 | 10.1 | 74.1 | 101 000* | 26.8 | 90.3 | 135 700* | 36.4 | 97.9 | 129 700* | 44.0 | 102.4 | 123 700* | 50.4 | 105.1 | 117 700* | 68.0 |
| 70.0 | | | | 22.1 | 85.7 | 130 800* | 33.1 | 94.9 | 125 100* | 41.2 | 100.2 | 119 300* | 47.9 | 103.3 | 113 500* | 70.0 |
| 72.0 | | | | 16.0 | 79.5 | 126 100* | 29.3 | 91.4 | 120 700* | 38.2 | 97.7 | 115 100* | 45.3 | 101.3 | 109 500* | 72.0 |
| 74.0 | | | | | | | 25.1 | 87.4 | 116 500* | 35.0 | 94.9 | 111 100* | 42.5 | 99.2 | 105 800* | 74.0 |
| 76.0 | | | | | | | 19.9 | 82.3 | 112 500* | 31.4 | 91.7 | 107 400* | 39.6 | 96.8 | 102 200* | 76.0 |
| 80.0 | | | | | | | | | | 22.9 | 83.6 | 100 300* | 33.1 | 91.2 | 95 500* | 80.0 |
| 84.0 | | | | | | | | | | | | | 25.2 | 83.7 | 89 300* | 84.0 |
| 88.0 | | | | | | | | | | | | | 13.1 | 71.5 | 83 400* | 88.0 |

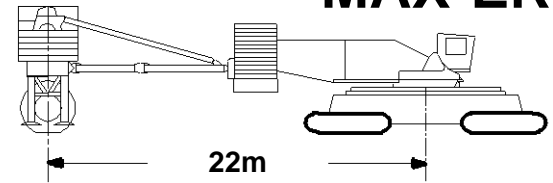
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 73.8 | 128.6 | 235 000*(b) | | | | | | | | | | | | | 27.4 |
| 28.0 | 73.3 | 128.4 | 235 000*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 71.5 | 127.8 | 235 000* | | | | | | | | | | | | | 30.0 |
| 32.0 | 69.7 | 127.0 | 235 000* | | | | | | | | | | | | | 32.0 |
| 34.0 | 67.9 | 126.2 | 228 400* | | | | | | | | | | | | | 34.0 |
| 36.0 | 66.0 | 125.3 | 219 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 64.1 | 124.4 | 210 800* | | | | | | | | | | | | | 38.0 |
| 40.0 | 62.2 | 123.3 | 201 600* | 67.2 | 125.2 | 242 700* | | | | | | | | | | 40.0 |
| 42.0 | 60.2 | 122.2 | 192 200* | 65.4 | 124.2 | 235 800* | | | | | | | | | | 42.0 |
| 44.0 | 58.2 | 120.9 | 183 000* | 63.5 | 123.2 | 223 200* | | | | | | | | | | 44.0 |
| 46.0 | 56.1 | 119.6 | 173 800* | 61.5 | 122.2 | 212 400* | | | | | | | | | | 46.0 |
| 48.0 | 54.0 | 118.2 | 164 800* | 59.5 | 121.0 | 202 400* | | | | | | | | | | 48.0 |
| 50.0 | 51.9 | 116.6 | 156 200* | 57.5 | 119.7 | 193 300* | 62.7 | 121.6 | 184 400* | | | | | | | 50.0 |
| 52.0 | 49.6 | 114.9 | 147 900* | 55.4 | 118.4 | 184 800* | 60.8 | 120.5 | 176 300* | | | | | | | 52.0 |
| 54.0 | 47.3 | 113.1 | 140 100* | 53.3 | 116.9 | 176 900* | 58.8 | 119.3 | 168 800* | | | | | | | 54.0 |
| 56.0 | 44.9 | 111.1 | 132 700* | 51.1 | 115.3 | 169 600* | 56.7 | 118.0 | 161 700* | | | | | | | 56.0 |
| 58.0 | 42.4 | 108.9 | 125 700* | 48.9 | 113.5 | 162 800* | 54.6 | 116.6 | 155 200* | 59.9 | 118.3 | 147 700* | | | | 58.0 |
| 60.0 | 39.8 | 106.6 | 119 200* | 46.5 | 111.7 | 156 400* | 52.5 | 115.0 | 149 100* | 57.8 | 117.0 | 141 900* | | | | 60.0 |
| 62.0 | 37.0 | 104.0 | 113 100* | 44.1 | 109.6 | 150 400* | 50.3 | 113.4 | 143 300* | 55.8 | 115.7 | 136 300* | | | | 62.0 |
| 64.0 | 33.9 | 101.1 | 107 400* | 41.5 | 107.4 | 144 800* | 48.0 | 111.6 | 138 000* | 53.7 | 114.2 | 131 200* | | | | 64.0 |
| 66.0 | 30.7 | 97.8 | 102 200* | 38.8 | 105.0 | 139 400* | 45.6 | 109.7 | 132 900* | 51.5 | 112.7 | 126 300* | | | | 66.0 |
| 68.0 | 27.0 | 94.0 | 97 500* | 35.9 | 102.3 | 134 400* | 43.1 | 107.6 | 128 100* | 49.2 | 110.9 | 121 800* | | | | 68.0 |
| 70.0 | 22.8 | 89.6 | 93 300* | 32.9 | 99.2 | 129 700* | 40.5 | 105.3 | 123 600* | 46.9 | 109.1 | 117 400* | 52.5 | 111.3 | 111 400* | 70.0 |
| 72.0 | 17.7 | 83.9 | 89 900* | 29.5 | 95.8 | 125 100* | 37.7 | 102.7 | 119 200* | 44.5 | 107.1 | 113 300* | 50.3 | 109.6 | 107 500* | 72.0 |
| 74.0 | 10.1 | 75.2 | 87 500* | 25.7 | 91.8 | 120 800* | 34.8 | 99.9 | 115 100* | 42.0 | 104.9 | 109 400* | 48.0 | 107.9 | 103 800* | 74.0 |
| 76.0 | | | | 21.2 | 87.0 | 116 700* | 31.6 | 96.7 | 111 200* | 39.3 | 102.5 | 105 700* | 45.6 | 105.9 | 100 300* | 76.0 |
| 80.0 | | | | | | | 24.0 | 88.9 | 103 900* | 33.4 | 96.9 | 98 800* | 40.6 | 101.5 | 93 700* | 80.0 |
| 84.0 | | | | | | | 12.7 | 76.2 | 97 000* | 26.3 | 89.7 | 92 400* | 34.9 | 96.2 | 87 600* | 84.0 |
| 88.0 | | | | | | | | | | 16.6 | 79.0 | 86 400* | 28.1 | 89.4 | 82 100* | 88.0 |
| 92.0 | | | | | | | | | | | | | 19.3 | 80.0 | 76 900* | 92.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

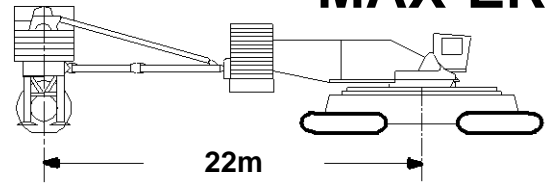


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

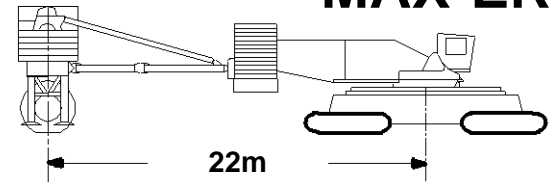
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.0 | 134.5 | 205 900* | | | | | | | | | | | | | 29.0 |
| 30.0 | 73.1 | 134.2 | 205 900* | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.5 | 133.5 | 205 900* | | | | | | | | | | | | | 32.0 |
| 34.0 | 69.8 | 132.8 | 205 900* | | | | | | | | | | | | | 34.0 |
| 36.0 | 68.1 | 132.0 | 203 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 66.4 | 131.1 | 197 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 64.7 | 130.2 | 189 900* | 69.2 | 131.8 | 211 600* | | | | | | | | | | 40.0 |
| 42.0 | 62.9 | 129.1 | 182 500* | 67.5 | 130.9 | 211 600* | | | | | | | | | | 42.0 |
| 44.0 | 61.1 | 128.0 | 175 000* | 65.8 | 130.0 | 211 600* | | | | | | | | | | 44.0 |
| 46.0 | 59.3 | 126.9 | 167 500* | 64.1 | 129.1 | 210 300* | | | | | | | | | | 46.0 |
| 48.0 | 57.5 | 125.6 | 159 900* | 62.3 | 128.0 | 200 900* | | | | | | | | | | 48.0 |
| 50.0 | 55.6 | 124.2 | 152 500* | 60.5 | 126.9 | 191 700* | | | | | | | | | | 50.0 |
| 52.0 | 53.6 | 122.8 | 145 300* | 58.7 | 125.7 | 183 200* | 63.4 | 127.4 | 174 500* | | | | | | | 52.0 |
| 54.0 | 51.6 | 121.2 | 138 300* | 56.8 | 124.4 | 175 400* | 61.6 | 126.4 | 167 000* | | | | | | | 54.0 |
| 56.0 | 49.6 | 119.5 | 131 500* | 54.9 | 123.0 | 168 100* | 59.8 | 125.2 | 160 100* | | | | | | | 56.0 |
| 58.0 | 47.5 | 117.7 | 125 000* | 53.0 | 121.5 | 161 300* | 58.0 | 124.0 | 153 500* | | | | | | | 58.0 |
| 60.0 | 45.3 | 115.7 | 118 900* | 50.9 | 119.9 | 154 900* | 56.1 | 122.6 | 147 500* | | | | | | | 60.0 |
| 62.0 | 43.0 | 113.6 | 113 100* | 48.9 | 118.1 | 148 900* | 54.2 | 121.2 | 141 700* | 59.0 | 123.0 | 134 600* | | | | 62.0 |
| 64.0 | 40.6 | 111.3 | 107 700* | 46.7 | 116.3 | 143 400* | 52.2 | 119.7 | 136 400* | 57.1 | 121.7 | 129 500* | | | | 64.0 |
| 66.0 | 38.1 | 108.8 | 102 500* | 44.5 | 114.3 | 138 000* | 50.2 | 118.0 | 131 300* | 55.2 | 120.3 | 124 600* | | | | 66.0 |
| 68.0 | 35.4 | 106.0 | 97 800* | 42.2 | 112.1 | 133 100* | 48.1 | 116.2 | 126 500* | 53.3 | 118.8 | 120 100* | | | | 68.0 |
| 70.0 | 32.6 | 103.0 | 93 300* | 39.8 | 109.7 | 128 400* | 45.9 | 114.3 | 122 000* | 51.3 | 117.3 | 115 800* | | | | 70.0 |
| 72.0 | 29.5 | 99.6 | 89 200* | 37.2 | 107.1 | 123 900* | 43.6 | 112.2 | 117 700* | 49.2 | 115.5 | 111 700* | 54.2 | 117.4 | 105 800* | 72.0 |
| 74.0 | 26.0 | 95.6 | 85 500* | 34.5 | 104.3 | 119 600* | 41.3 | 110.0 | 113 700* | 47.1 | 113.7 | 107 800* | 52.2 | 115.9 | 102 100* | 74.0 |
| 76.0 | 22.0 | 91.0 | 82 200* | 31.5 | 101.1 | 115 600* | 38.8 | 107.5 | 109 900* | 44.9 | 111.7 | 104 100* | 50.2 | 114.2 | 98 500* | 76.0 |
| 80.0 | 10.1 | 76.3 | 77 700* | 24.7 | 93.4 | 108 000* | 33.4 | 101.9 | 102 700* | 40.2 | 107.2 | 97 300* | 45.9 | 110.6 | 92 000* | 80.0 |
| 84.0 | | | | 15.1 | 81.8 | 100 700* | 27.0 | 94.8 | 96 100* | 34.9 | 101.9 | 91 100* | 41.3 | 106.2 | 86 100* | 84.0 |
| 88.0 | | | | | | | 18.6 | 84.9 | 89 900* | 28.9 | 95.3 | 85 300* | 36.2 | 101.1 | 80 600* | 88.0 |
| 92.0 | | | | | | | | | | 21.3 | 86.4 | 80 000* | 30.4 | 94.8 | 75 600* | 92.0 |
| 96.0 | | | | | | | | | | 8.2 | 70.3 | 74 700* | 23.3 | 86.7 | 70 900* | 96.0 |
| 100.0 | | | | | | | | | | | | | 12.6 | 73.7 | 66 300* | 100.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.1 | 140.4 | 180 100* | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.0 | 139.9 | 180 100* | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.4 | 139.3 | 180 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.9 | 138.5 | 180 100* | | | | | | | | | | | | | 36.0 |
| 38.0 | 68.3 | 137.7 | 180 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 66.8 | 136.9 | 176 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 65.2 | 136.0 | 170 600* | 69.4 | 137.5 | 183 400* | | | | | | | | | | 42.0 |
| 44.0 | 63.6 | 135.0 | 164 700* | 67.8 | 136.7 | 183 400* | | | | | | | | | | 44.0 |
| 46.0 | 61.9 | 133.9 | 158 700* | 66.2 | 135.8 | 183 400* | | | | | | | | | | 46.0 |
| 48.0 | 60.3 | 132.8 | 152 500* | 64.6 | 134.9 | 183 400* | | | | | | | | | | 48.0 |
| 50.0 | 58.6 | 131.6 | 146 300* | 63.0 | 133.9 | 181 100* | | | | | | | | | | 50.0 |
| 52.0 | 56.8 | 130.3 | 140 200* | 61.4 | 132.8 | 175 900* | | | | | | | | | | 52.0 |
| 54.0 | 55.1 | 128.9 | 134 200* | 59.7 | 131.6 | 170 200* | 64.0 | 133.3 | 165 100* | | | | | | | 54.0 |
| 56.0 | 53.3 | 127.4 | 128 300* | 58.0 | 130.4 | 164 300* | 62.4 | 132.2 | 158 100* | | | | | | | 56.0 |
| 58.0 | 51.4 | 125.8 | 122 500* | 56.2 | 129.0 | 158 300* | 60.7 | 131.1 | 151 600* | | | | | | | 58.0 |
| 60.0 | 49.5 | 124.1 | 116 900* | 54.5 | 127.6 | 152 400* | 59.0 | 129.9 | 145 500* | | | | | | | 60.0 |
| 62.0 | 47.6 | 122.3 | 111 600* | 52.7 | 126.1 | 146 500* | 57.3 | 128.6 | 139 800* | | | | | | | 62.0 |
| 64.0 | 45.6 | 120.4 | 106 400* | 50.8 | 124.5 | 140 700* | 55.6 | 127.3 | 134 500* | 60.0 | 128.9 | 127 400* | | | | 64.0 |
| 66.0 | 43.5 | 118.3 | 101 600* | 48.9 | 122.7 | 135 000* | 53.8 | 125.8 | 129 400* | 58.3 | 127.7 | 122 600* | | | | 66.0 |
| 68.0 | 41.3 | 116.0 | 97 000* | 46.9 | 120.9 | 129 500* | 51.9 | 124.3 | 124 700* | 56.5 | 126.4 | 118 100* | | | | 68.0 |
| 70.0 | 39.0 | 113.6 | 92 600* | 44.9 | 118.9 | 124 200* | 50.1 | 122.6 | 120 200* | 54.8 | 125.0 | 113 800* | | | | 70.0 |
| 72.0 | 36.6 | 110.9 | 88 500* | 42.8 | 116.8 | 119 100* | 48.1 | 120.8 | 116 000* | 53.0 | 123.5 | 109 800* | | | | 72.0 |
| 74.0 | 34.1 | 108.1 | 84 700* | 40.5 | 114.5 | 114 100* | 46.1 | 118.9 | 112 000* | 51.1 | 121.9 | 105 900* | | | | 74.0 |
| 76.0 | 31.4 | 104.8 | 81 200* | 38.2 | 112.0 | 109 400* | 44.1 | 116.9 | 108 100* | 49.2 | 120.1 | 102 200* | 53.8 | 122.1 | 96 500* | 76.0 |
| 80.0 | 25.1 | 97.2 | 74 900* | 33.2 | 106.2 | 100 500* | 39.7 | 112.3 | 101 000* | 45.2 | 116.3 | 95 500* | 50.1 | 118.8 | 90 000* | 80.0 |
| 84.0 | 16.7 | 86.3 | 70 000* | 27.3 | 99.2 | 92 500* | 34.8 | 106.9 | 94 600* | 40.9 | 112.0 | 89 300* | 46.2 | 115.2 | 84 200* | 84.0 |
| 88.0 | | | | 19.9 | 89.7 | 85 500* | 29.2 | 100.3 | 88 600* | 36.2 | 106.8 | 83 700* | 42.0 | 110.9 | 78 800* | 88.0 |
| 92.0 | | | | | | | 22.4 | 91.8 | 83 100* | 30.9 | 100.6 | 78 400* | 37.4 | 106.0 | 73 800* | 92.0 |
| 96.0 | | | | | | | 12.3 | 78.4 | 77 800* | 24.5 | 92.7 | 73 600* | 32.2 | 100.1 | 69 200* | 96.0 |
| 100.0 | | | | | | | | | | 15.8 | 81.4 | 69 000* | 26.1 | 92.7 | 65 000* | 100.0 |
| 104.0 | | | | | | | | | | | | | 18.2 | 82.5 | 60 900* | 104.0 |

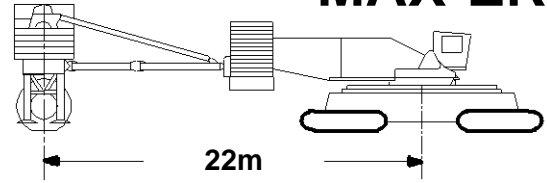


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

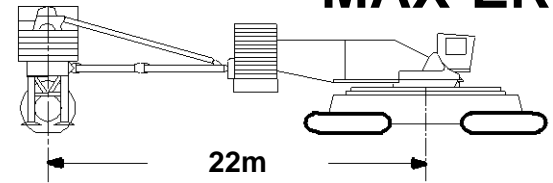
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.2 | 146.3 | 157 300* | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.8 | 145.7 | 157 300* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.4 | 145.0 | 157 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.0 | 144.3 | 157 300* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.5 | 143.5 | 157 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 67.1 | 142.7 | 156 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 65.6 | 141.8 | 153 600* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.1 | 140.8 | 148 800* | 68.0 | 142.5 | 160 500* | | | | | | | | | | 46.0 |
| 48.0 | 62.6 | 139.8 | 144 000* | 66.6 | 141.6 | 160 500* | | | | | | | | | | 48.0 |
| 50.0 | 61.1 | 138.7 | 139 100* | 65.1 | 140.7 | 157 600* | | | | | | | | | | 50.0 |
| 52.0 | 59.5 | 137.5 | 134 100* | 63.6 | 139.7 | 152 200* | | | | | | | | | | 52.0 |
| 54.0 | 57.9 | 136.2 | 129 100* | 62.1 | 138.6 | 146 800* | | | | | | | | | | 54.0 |
| 56.0 | 56.3 | 134.9 | 124 000* | 60.5 | 137.5 | 141 300* | | | | | | | | | | 56.0 |
| 58.0 | 54.7 | 133.5 | 119 000* | 59.0 | 136.3 | 135 800* | 63.0 | 138.1 | 147 200* | | | | | | | 58.0 |
| 60.0 | 53.0 | 132.0 | 114 100* | 57.4 | 135.0 | 130 300* | 61.5 | 137.0 | 142 800* | | | | | | | 60.0 |
| 62.0 | 51.3 | 130.4 | 109 000* | 55.7 | 133.7 | 124 900* | 59.9 | 135.8 | 138 100* | | | | | | | 62.0 |
| 64.0 | 49.5 | 128.7 | 104 200* | 54.1 | 132.2 | 119 500* | 58.3 | 134.6 | 133 000* | | | | | | | 64.0 |
| 66.0 | 47.7 | 126.9 | 99 500* | 52.4 | 130.7 | 114 300* | 56.7 | 133.3 | 127 900* | | | | | | | 66.0 |
| 68.0 | 45.8 | 125.0 | 95 000* | 50.7 | 129.1 | 109 200* | 55.1 | 131.9 | 123 000* | 59.2 | 133.6 | 116 400* | | | | 68.0 |
| 70.0 | 43.9 | 122.9 | 90 700* | 48.9 | 127.3 | 104 400* | 53.4 | 130.4 | 117 800* | 57.6 | 132.4 | 112 200* | | | | 70.0 |
| 72.0 | 41.9 | 120.7 | 86 500* | 47.1 | 125.5 | 99 600* | 51.7 | 128.9 | 112 800* | 56.0 | 131.0 | 108 200* | | | | 72.0 |
| 74.0 | 39.8 | 118.3 | 82 500* | 45.2 | 123.5 | 95 100* | 50.0 | 127.2 | 108 000* | 54.4 | 129.6 | 104 300* | | | | 74.0 |
| 76.0 | 37.6 | 115.8 | 78 700* | 43.2 | 121.4 | 90 700* | 48.2 | 125.4 | 103 200* | 52.7 | 128.1 | 100 700* | | | | 76.0 |
| 80.0 | 32.9 | 110.0 | 71 500* | 39.1 | 116.7 | 82 500* | 44.4 | 121.5 | 94 100* | 49.2 | 124.7 | 94 000* | 53.5 | 126.7 | 88 400* | 80.0 |
| 84.0 | 27.5 | 102.9 | 65 000* | 34.5 | 111.3 | 75 000* | 40.4 | 117.0 | 85 700* | 45.5 | 121.0 | 87 900* | 50.0 | 123.4 | 82 600* | 84.0 |
| 88.0 | 20.7 | 93.7 | 59 300* | 29.4 | 104.7 | 68 100* | 36.0 | 111.8 | 77 900* | 41.5 | 116.7 | 82 300* | 46.4 | 119.8 | 77 200* | 88.0 |
| 92.0 | 10.1 | 78.4 | 54 600* | 23.1 | 96.3 | 62 000* | 31.0 | 105.6 | 70 800* | 37.3 | 111.7 | 77 100* | 42.5 | 115.6 | 72 400* | 92.0 |
| 96.0 | | | | 14.5 | 84.1 | 56 800* | 25.2 | 97.9 | 64 400* | 32.5 | 105.8 | 72 400* | 38.3 | 110.8 | 67 800* | 96.0 |
| 100.0 | | | | | | | 17.6 | 87.3 | 58 900* | 26.9 | 98.6 | 66 600* | 33.6 | 105.1 | 63 600* | 100.0 |
| 104.0 | | | | | | | | | | 20.0 | 89.0 | 60 800* | 28.3 | 98.3 | 59 700* | 104.0 |
| 108.0 | | | | | | | | | | 8.6 | 72.5 | 56 200* | 21.8 | 89.5 | 56 000* | 108.0 |
| 112.0 | | | | | | | | | | | | | 12.3 | 75.9 | 52 400* | 112.0 |

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.3 | 152.2 | 138 000* | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.0 | 152.1 | 138 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.7 | 151.5 | 138 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.4 | 150.8 | 138 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.0 | 150.1 | 138 000* | | | | | | | | | | | | | 40.0 |
| 42.0 | 68.7 | 149.3 | 138 000* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.3 | 148.4 | 137 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 65.9 | 147.6 | 134 600* | 69.6 | 149.0 | 139 700* | | | | | | | | | | 46.0 |
| 48.0 | 64.6 | 146.6 | 129 000* | 68.2 | 148.2 | 139 700* | | | | | | | | | | 48.0 |
| 50.0 | 63.2 | 145.6 | 123 500* | 66.9 | 147.4 | 137 900* | | | | | | | | | | 50.0 |
| 52.0 | 61.7 | 144.5 | 118 000* | 65.5 | 146.5 | 133 200* | | | | | | | | | | 52.0 |
| 54.0 | 60.3 | 143.4 | 112 600* | 64.1 | 145.5 | 128 000* | | | | | | | | | | 54.0 |
| 56.0 | 58.8 | 142.2 | 107 500* | 62.7 | 144.5 | 122 700* | | | | | | | | | | 56.0 |
| 58.0 | 57.3 | 140.9 | 102 300* | 61.2 | 143.4 | 117 600* | 64.9 | 144.9 | 127 800* | | | | | | | 58.0 |
| 60.0 | 55.8 | 139.6 | 97 400* | 59.8 | 142.2 | 112 300* | 63.5 | 143.9 | 123 600* | | | | | | | 60.0 |
| 62.0 | 54.3 | 138.1 | 92 600* | 58.3 | 141.0 | 107 100* | 62.1 | 142.8 | 119 200* | | | | | | | 62.0 |
| 64.0 | 52.7 | 136.6 | 88 000* | 56.8 | 139.7 | 102 000* | 60.7 | 141.7 | 114 500* | | | | | | | 64.0 |
| 66.0 | 51.1 | 135.0 | 83 600* | 55.3 | 138.3 | 97 100* | 59.2 | 140.5 | 109 800* | | | | | | | 66.0 |
| 68.0 | 49.5 | 133.3 | 79 300* | 53.8 | 136.9 | 92 400* | 57.8 | 139.3 | 104 900* | | | | | | | 68.0 |
| 70.0 | 47.8 | 131.5 | 75 200* | 52.2 | 135.3 | 87 800* | 56.2 | 137.9 | 100 200* | | | | | | | 70.0 |
| 72.0 | 46.0 | 129.6 | 71 200* | 50.6 | 133.7 | 83 300* | 54.7 | 136.5 | 95 500* | 58.6 | 138.3 | 105 300* | | | | 72.0 |
| 74.0 | 44.3 | 127.6 | 67 500* | 48.9 | 131.9 | 79 000* | 53.2 | 135.0 | 90 900* | 57.1 | 137.0 | 101 200* | | | | 74.0 |
| 76.0 | 42.4 | 125.4 | 63 800* | 47.2 | 130.1 | 74 900* | 51.6 | 133.5 | 86 400* | 55.6 | 135.7 | 96 900* | | | | 76.0 |
| 80.0 | 38.5 | 120.6 | 56 900* | 43.6 | 126.1 | 67 000* | 48.2 | 130.0 | 77 800* | 52.4 | 132.7 | 88 400* | | | | 80.0 |
| 84.0 | 34.2 | 115.0 | 50 600* | 39.8 | 121.5 | 59 900* | 44.8 | 126.1 | 69 900* | 49.2 | 129.3 | 79 900* | 53.2 | 131.3 | 80 500* | 84.0 |
| 88.0 | 29.4 | 108.4 | 44 900* | 35.7 | 116.2 | 53 300* | 41.0 | 121.7 | 62 500* | 45.7 | 125.6 | 72 000* | 50.0 | 128.0 | 75 200* | 88.0 |
| 92.0 | 23.6 | 100.2 | 39 600* | 31.0 | 110.0 | 47 300* | 37.0 | 116.7 | 55 700* | 42.1 | 121.3 | 64 500* | 46.6 | 124.4 | 70 400* | 92.0 |
| 96.0 | 16.0 | 88.6 | 35 100* | 25.6 | 102.3 | 41 900* | 32.5 | 110.8 | 49 500* | 38.1 | 116.5 | 57 700* | 43.0 | 120.3 | 65 900* | 96.0 |
| 100.0 | | | | 18.8 | 92.2 | 37 000* | 27.4 | 103.7 | 43 900* | 33.8 | 110.8 | 51 400* | 39.1 | 115.6 | 59 200* | 100.0 |
| 104.0 | | | | | | | 21.1 | 94.5 | 38 800* | 28.9 | 104.1 | 45 600* | 34.9 | 110.1 | 52 800* | 104.0 |
| 108.0 | | | | | | | 12.0 | 80.5 | 34 600* | 23.0 | 95.7 | 40 400* | 30.1 | 103.7 | 47 000* | 108.0 |
| 112.0 | | | | | | | | | | 15.1 | 83.7 | 35 900* | 24.5 | 95.7 | 41 700* | 112.0 |
| 116.0 | | | | | | | | | | | | | 17.3 | 84.9 | 37 000* | 116.0 |

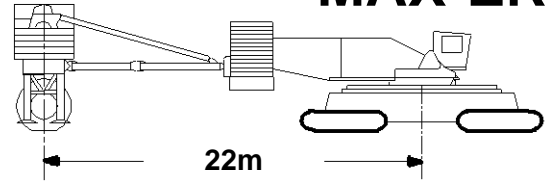


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 19.8 | | | c | | | | | | | | | | | | | 19.8 |
| 20.0 | | | c | | | | | | | | | | | | | 20.0 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 62.7 | 102.6 | 346 000*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 59.1 | 101.4 | 332 700*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 55.3 | 100.0 | 317 600*b | | | c | | | | | | | | | | 30.0 |
| 32.0 | 51.3 | 98.5 | 295 300* | 62.4 | 101.7 | 320 900*b | | | | | | | | | | 32.0 |
| 34.0 | 47.0 | 96.6 | 273 600* | 58.8 | 100.5 | 301 000*b | | | | | | | | | | 34.0 |
| 36.0 | 42.5 | 94.5 | 253 500* | 55.0 | 99.1 | 283 300*b | | | | | | | | | | 36.0 |
| 38.0 | 37.4 | 92.0 | 235 400* | 51.0 | 97.5 | 267 300* | 62.0 | 100.2 | 255 800*b | | | | | | | 38.0 |
| 40.0 | 31.7 | 88.9 | 219 400* | 46.7 | 95.6 | 252 800* | 58.3 | 99.0 | 242 000*b | | | | | | | 40.0 |
| 42.0 | 24.6 | 84.9 | 205 800* | 42.1 | 93.5 | 239 700* | 54.5 | 97.6 | 229 500*b | | | | | | | 42.0 |
| 44.0 | 14.5 | 78.7 | 196 100* | 37.0 | 90.9 | 227 700* | 50.5 | 95.9 | 218 100* | | | | | | | 44.0 |
| 46.0 | | | | 31.2 | 87.8 | 216 600* | 46.1 | 94.0 | 207 600* | 57.6 | 96.9 | 198 400*b | | | | 46.0 |
| 48.0 | | | | 24.0 | 83.7 | 206 200* | 41.5 | 91.8 | 197 900* | 53.7 | 95.4 | 189 200*b | | | | 48.0 |
| 50.0 | | | | 13.3 | 77.2 | 196 300* | 36.3 | 89.2 | 188 900* | 49.6 | 93.8 | 180 700* | | | | 50.0 |
| 52.0 | | | | | | | 30.4 | 86.0 | 180 500* | 45.3 | 91.8 | 172 800* | | | | 52.0 |
| 54.0 | | | | | | | 23.0 | 81.7 | 172 600* | 40.5 | 89.5 | 165 400* | 52.6 | 92.7 | 157 900*b | 54.0 |
| 56.0 | | | | | | | 11.2 | 74.5 | 164 700* | 35.2 | 86.8 | 158 500* | 48.4 | 90.9 | 151 400* | 56.0 |
| 58.0 | | | | | | | | | | 29.1 | 83.4 | 151 900* | 44.0 | 88.9 | 145 200* | 58.0 |
| 60.0 | | | | | | | | | | 21.2 | 78.8 | 145 700* | 39.1 | 86.5 | 139 500* | 60.0 |
| 62.0 | | | | | | | | | | | | | 33.6 | 83.6 | 134 000* | 62.0 |
| 64.0 | | | | | | | | | | | | | 27.1 | 80.0 | 128 800* | 64.0 |
| 66.0 | | | | | | | | | | | | | 18.4 | 74.8 | 123 700* | 66.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

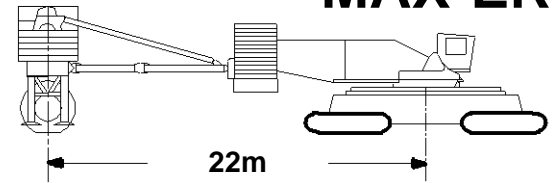
Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 66.9 | 109.4 | 326 600*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 63.9 | 108.4 | 315 300*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 60.9 | 107.3 | 302 400*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 57.7 | 106.1 | 283 400* | 66.7 | 108.5 | 319 100*b | | | | | | | | | | 32.0 |
| 34.0 | 54.4 | 104.7 | 264 300* | 63.7 | 107.5 | 299 300*b | | | | | | | | | | 34.0 |
| 36.0 | 51.0 | 103.0 | 246 100* | 60.6 | 106.4 | 281 700*b | | | | | | | | | | 36.0 |
| 38.0 | 47.3 | 101.2 | 229 200* | 57.4 | 105.1 | 265 800* | | | | | | | | | | 38.0 |
| 40.0 | 43.5 | 99.2 | 213 400* | 54.1 | 103.7 | 251 500* | 63.3 | 106.0 | 240 200*b | | | | | | | 40.0 |
| 42.0 | 39.3 | 96.8 | 199 000* | 50.7 | 102.1 | 238 500* | 60.2 | 104.9 | 227 700*b | | | | | | | 42.0 |
| 44.0 | 34.7 | 94.0 | 186 100* | 47.0 | 100.3 | 226 600* | 57.0 | 103.6 | 216 400* | | | | | | | 44.0 |
| 46.0 | 29.4 | 90.6 | 174 600* | 43.2 | 98.2 | 215 700* | 53.7 | 102.2 | 206 000* | | | | | | | 46.0 |
| 48.0 | 23.0 | 86.3 | 164 900* | 39.0 | 95.8 | 205 600* | 50.2 | 100.5 | 196 400* | | | | | | | 48.0 |
| 50.0 | 13.9 | 79.8 | 157 900* | 34.3 | 92.9 | 196 300* | 46.6 | 98.7 | 187 600* | 56.4 | 101.5 | 178 800* | | | | 50.0 |
| 52.0 | | | | 29.0 | 89.5 | 187 600* | 42.7 | 96.5 | 179 400* | 53.1 | 100.0 | 171 000* | | | | 52.0 |
| 54.0 | | | | 22.5 | 85.1 | 179 500* | 38.4 | 94.1 | 171 800* | 49.5 | 98.4 | 163 800* | | | | 54.0 |
| 56.0 | | | | 12.9 | 78.2 | 171 500* | 33.7 | 91.2 | 164 600* | 45.8 | 96.4 | 157 000* | | | | 56.0 |
| 58.0 | | | | | | | 28.2 | 87.7 | 157 900* | 41.9 | 94.3 | 150 600* | 52.1 | 97.3 | 143 300* | 58.0 |
| 60.0 | | | | | | | 21.5 | 83.1 | 151 400* | 37.5 | 91.7 | 144 700* | 48.5 | 95.5 | 137 700* | 60.0 |
| 62.0 | | | | | | | 11.1 | 75.6 | 145 000* | 32.7 | 88.7 | 139 100* | 44.7 | 93.5 | 132 400* | 62.0 |
| 64.0 | | | | | | | | | | 27.1 | 85.1 | 133 700* | 40.7 | 91.3 | 127 400* | 64.0 |
| 66.0 | | | | | | | | | | 19.9 | 80.1 | 128 500* | 36.2 | 88.6 | 122 600* | 66.0 |
| 68.0 | | | | | | | | | | | | | 31.2 | 85.5 | 118 100* | 68.0 |
| 70.0 | | | | | | | | | | | | | 25.2 | 81.5 | 113 800* | 70.0 |
| 72.0 | | | | | | | | | | | | | 17.4 | 76.0 | 109 500* | 72.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight**
(see CAUTION on page 1).

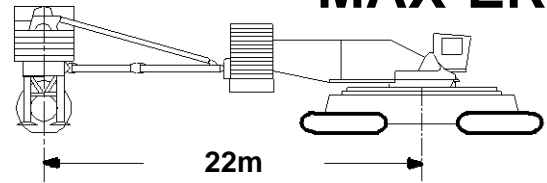


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 70.0 | 116.0 | 310 000* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 67.4 | 115.2 | 299 900* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 64.8 | 114.2 | 285 800* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 62.2 | 113.2 | 269 600* | 69.8 | 115.1 | 315 400* b | | | | | | | | | | 32.0 |
| 34.0 | 59.4 | 112.0 | 253 700* | 67.2 | 114.3 | 298 200* b | | | | | | | | | | 34.0 |
| 36.0 | 56.6 | 110.7 | 238 000* | 64.6 | 113.3 | 280 400* b | | | | | | | | | | 36.0 |
| 38.0 | 53.7 | 109.3 | 222 900* | 62.0 | 112.3 | 264 600* | | | | | | | | | | 38.0 |
| 40.0 | 50.7 | 107.6 | 208 600* | 59.2 | 111.1 | 250 300* | | | | | | | | | | 40.0 |
| 42.0 | 47.5 | 105.8 | 195 100* | 56.4 | 109.8 | 237 400* | | | | | | | | | | 42.0 |
| 44.0 | 44.2 | 103.8 | 182 500* | 53.5 | 108.3 | 225 600* | 61.6 | 110.8 | 215 000* | | | | | | | 44.0 |
| 46.0 | 40.6 | 101.5 | 171 000* | 50.5 | 106.7 | 214 800* | 58.9 | 109.6 | 204 700* | | | | | | | 46.0 |
| 48.0 | 36.8 | 98.9 | 160 400* | 47.3 | 104.9 | 204 800* | 56.1 | 108.3 | 195 200* | | | | | | | 48.0 |
| 50.0 | 32.5 | 95.9 | 150 900* | 43.9 | 102.8 | 195 600* | 53.1 | 106.8 | 186 500* | | | | | | | 50.0 |
| 52.0 | 27.7 | 92.3 | 142 400* | 40.4 | 100.5 | 187 100* | 50.1 | 105.1 | 178 400* | 58.3 | 107.5 | 169 600* | | | | 52.0 |
| 54.0 | 21.8 | 87.7 | 135 300* | 36.5 | 97.9 | 179 100* | 46.9 | 103.3 | 170 800* | 55.5 | 106.2 | 162 400* | | | | 54.0 |
| 56.0 | 13.4 | 80.9 | 130 100* | 32.2 | 94.8 | 171 700* | 43.5 | 101.2 | 163 700* | 52.5 | 104.6 | 155 700* | | | | 56.0 |
| 58.0 | | | | 27.2 | 91.1 | 164 700* | 39.9 | 98.9 | 157 200* | 49.5 | 102.9 | 149 500* | | | | 58.0 |
| 60.0 | | | | 21.2 | 86.4 | 158 100* | 36.0 | 96.2 | 151 000* | 46.2 | 101.1 | 143 600* | | | | 60.0 |
| 62.0 | | | | 12.6 | 79.3 | 151 600* | 31.6 | 93.1 | 145 100* | 42.8 | 98.9 | 138 100* | 51.7 | 101.9 | 131 100* | 62.0 |
| 64.0 | | | | | | | 26.6 | 89.3 | 139 600* | 39.1 | 96.5 | 132 900* | 48.6 | 100.1 | 126 200* | 64.0 |
| 66.0 | | | | | | | 20.4 | 84.4 | 134 300* | 35.1 | 93.8 | 128 000* | 45.3 | 98.2 | 121 500* | 66.0 |
| 68.0 | | | | | | | 11.0 | 76.6 | 129 000* | 30.7 | 90.5 | 123 300* | 41.8 | 96.0 | 117 100* | 68.0 |
| 70.0 | | | | | | | | | | 25.5 | 86.6 | 118 800* | 38.0 | 93.5 | 112 900* | 70.0 |
| 72.0 | | | | | | | | | | 18.9 | 81.4 | 114 500* | 33.9 | 90.6 | 108 900* | 72.0 |
| 74.0 | | | | | | | | | | | | | 29.3 | 87.2 | 105 100* | 74.0 |
| 76.0 | | | | | | | | | | | | | 23.8 | 83.0 | 101 400* | 76.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

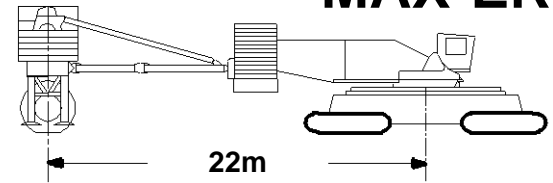
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | 74.1 | 123.0 | 282 100* b | | | | | | | | | | | | | 24.4 |
| 26.0 | 72.3 | 122.5 | 282 000* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 70.1 | 121.8 | 278 100* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 67.8 | 121.0 | 265 800* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 65.5 | 120.1 | 253 400* | | | | | | | | | | | | | 32.0 |
| 34.0 | 63.2 | 119.0 | 240 600* | | | | | | | | | | | | | 34.0 |
| 36.0 | 60.8 | 117.9 | 227 700* | 67.6 | 120.1 | 278 600* b | | | | | | | | | | 36.0 |
| 38.0 | 58.3 | 116.7 | 214 900* | 65.3 | 119.1 | 262 700* | | | | | | | | | | 38.0 |
| 40.0 | 55.8 | 115.4 | 202 300* | 63.0 | 118.1 | 248 500* | | | | | | | | | | 40.0 |
| 42.0 | 53.2 | 113.9 | 190 300* | 60.6 | 117.0 | 235 600* | | | | | | | | | | 42.0 |
| 44.0 | 50.5 | 112.2 | 178 800* | 58.1 | 115.8 | 223 900* | | | | | | | | | | 44.0 |
| 46.0 | 47.7 | 110.4 | 168 000* | 55.6 | 114.4 | 213 100* | 62.7 | 116.7 | 202 700* | | | | | | | 46.0 |
| 48.0 | 44.8 | 108.5 | 158 000* | 53.0 | 112.9 | 203 200* | 60.3 | 115.5 | 193 200* | | | | | | | 48.0 |
| 50.0 | 41.7 | 106.3 | 148 600* | 50.3 | 111.3 | 194 100* | 57.8 | 114.3 | 184 500* | | | | | | | 50.0 |
| 52.0 | 38.3 | 103.8 | 139 900* | 47.5 | 109.5 | 185 600* | 55.3 | 112.9 | 176 500* | | | | | | | 52.0 |
| 54.0 | 34.7 | 101.0 | 132 000* | 44.5 | 107.5 | 177 800* | 52.7 | 111.4 | 169 000* | | | | | | | 54.0 |
| 56.0 | 30.8 | 97.7 | 124 900* | 41.4 | 105.2 | 170 400* | 50.0 | 109.7 | 162 000* | 57.3 | 112.2 | 153 700* | | | | 56.0 |
| 58.0 | 26.2 | 93.9 | 118 500* | 38.1 | 102.7 | 163 600* | 47.1 | 107.9 | 155 500* | 54.8 | 110.8 | 147 500* | | | | 58.0 |
| 60.0 | 20.7 | 89.0 | 113 100* | 34.4 | 99.9 | 157 200* | 44.2 | 105.9 | 149 400* | 52.2 | 109.2 | 141 700* | | | | 60.0 |
| 62.0 | 13.1 | 82.0 | 109 100* | 30.4 | 96.6 | 151 100* | 41.0 | 103.6 | 143 700* | 49.4 | 107.5 | 136 200* | | | | 62.0 |
| 64.0 | | | | 25.8 | 92.7 | 145 300* | 37.6 | 101.1 | 138 300* | 46.6 | 105.7 | 131 100* | 54.1 | 108.0 | 124 000* | 64.0 |
| 66.0 | | | | 20.3 | 87.8 | 139 800* | 34.0 | 98.2 | 133 200* | 43.6 | 103.6 | 126 300* | 51.4 | 106.5 | 119 500* | 66.0 |
| 68.0 | | | | 12.3 | 80.4 | 134 500* | 29.9 | 94.8 | 128 300* | 40.4 | 101.3 | 121 700* | 48.6 | 104.7 | 115 100* | 68.0 |
| 70.0 | | | | | | | 25.2 | 90.8 | 123 700* | 36.9 | 98.7 | 117 400* | 45.7 | 102.8 | 111 000* | 70.0 |
| 72.0 | | | | | | | 19.4 | 85.7 | 119 200* | 33.2 | 95.7 | 113 200* | 42.7 | 100.7 | 107 100* | 72.0 |
| 74.0 | | | | | | | 10.9 | 77.7 | 114 700* | 29.0 | 92.3 | 109 300* | 39.4 | 98.3 | 103 400* | 74.0 |
| 76.0 | | | | | | | | | | 24.2 | 88.1 | 105 500* | 35.9 | 95.6 | 99 900* | 76.0 |
| 80.0 | | | | | | | | | | | | | 27.7 | 88.9 | 93 200* | 80.0 |
| 84.0 | | | | | | | | | | | | | 15.9 | 78.3 | 86 900* | 84.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

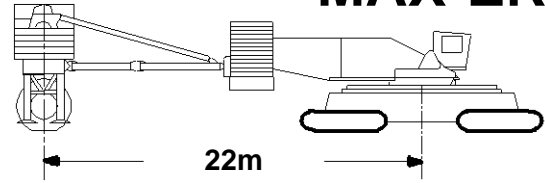


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | 74.2 | 128.9 | 246 700*(b) | | | | | | | | | | | | | 25.9 |
| 26.0 | 74.1 | 128.9 | 246 700*(b) | | | | | | | | | | | | | 26.0 |
| 28.0 | 72.1 | 128.3 | 246 700*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 70.1 | 127.5 | 244 200* | | | | | | | | | | | | | 30.0 |
| 32.0 | 68.1 | 126.7 | 236 000* | | | | | | | | | | | | | 32.0 |
| 34.0 | 66.1 | 125.8 | 226 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 64.0 | 124.9 | 215 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 61.8 | 123.8 | 205 400* | 68.0 | 125.8 | 259 300* | | | | | | | | | | 38.0 |
| 40.0 | 59.7 | 122.6 | 194 900* | 65.9 | 124.9 | 247 200* | | | | | | | | | | 40.0 |
| 42.0 | 57.4 | 121.4 | 184 500* | 63.8 | 124.0 | 234 200* | | | | | | | | | | 42.0 |
| 44.0 | 55.2 | 120.0 | 174 400* | 61.7 | 122.9 | 222 500* | | | | | | | | | | 44.0 |
| 46.0 | 52.8 | 118.5 | 164 700* | 59.5 | 121.7 | 211 800* | | | | | | | | | | 46.0 |
| 48.0 | 50.4 | 116.8 | 155 500* | 57.3 | 120.4 | 201 900* | 63.5 | 122.5 | 191 700* | | | | | | | 48.0 |
| 50.0 | 47.8 | 115.1 | 146 700* | 55.0 | 119.0 | 192 800* | 61.4 | 121.4 | 183 000* | | | | | | | 50.0 |
| 52.0 | 45.2 | 113.1 | 138 400* | 52.6 | 117.5 | 184 400* | 59.2 | 120.2 | 175 000* | | | | | | | 52.0 |
| 54.0 | 42.4 | 110.9 | 130 700* | 50.2 | 115.9 | 176 600* | 57.0 | 118.9 | 167 600* | | | | | | | 54.0 |
| 56.0 | 39.5 | 108.6 | 123 600* | 47.6 | 114.1 | 169 300* | 54.7 | 117.5 | 160 600* | | | | | | | 56.0 |
| 58.0 | 36.4 | 105.9 | 116 900* | 45.0 | 112.1 | 162 500* | 52.3 | 116.0 | 154 200* | 58.8 | 118.1 | 145 900* | | | | 58.0 |
| 60.0 | 33.0 | 102.9 | 110 900* | 42.2 | 109.9 | 156 100* | 49.9 | 114.3 | 148 100* | 56.5 | 116.8 | 140 200* | | | | 60.0 |
| 62.0 | 29.3 | 99.5 | 105 400* | 39.3 | 107.5 | 150 200* | 47.3 | 112.5 | 142 400* | 54.2 | 115.4 | 134 800* | | | | 62.0 |
| 64.0 | 25.0 | 95.4 | 100 500* | 36.2 | 104.9 | 144 500* | 44.7 | 110.5 | 137 100* | 51.8 | 113.8 | 129 700* | | | | 64.0 |
| 66.0 | 19.9 | 90.3 | 96 300* | 32.7 | 101.8 | 139 200* | 41.9 | 108.3 | 132 100* | 49.4 | 112.1 | 124 900* | | | | 66.0 |
| 68.0 | 12.8 | 83.1 | 93 200* | 29.0 | 98.4 | 134 200* | 38.9 | 105.9 | 127 300* | 46.8 | 110.3 | 120 400* | 53.6 | 112.7 | 113 600* | 68.0 |
| 70.0 | | | | 24.7 | 94.2 | 129 100* | 35.7 | 103.2 | 122 800* | 44.1 | 108.3 | 116 100* | 51.1 | 111.1 | 109 500* | 70.0 |
| 72.0 | | | | 19.4 | 89.0 | 122 700* | 32.3 | 100.1 | 118 500* | 41.3 | 106.0 | 112 100* | 48.7 | 109.3 | 105 700* | 72.0 |
| 74.0 | | | | 12.1 | 81.5 | 117 100* | 28.5 | 96.5 | 114 400* | 38.3 | 103.5 | 108 200* | 46.1 | 107.4 | 102 000* | 74.0 |
| 76.0 | | | | | | | 24.1 | 92.3 | 110 500* | 35.1 | 100.8 | 104 500* | 43.3 | 105.3 | 98 500* | 76.0 |
| 80.0 | | | | | | | 10.8 | 78.8 | 102 800* | 27.7 | 93.9 | 97 600* | 37.4 | 100.5 | 92 100* | 80.0 |
| 84.0 | | | | | | | | | | 17.4 | 83.8 | 91 200* | 30.5 | 94.3 | 86 100* | 84.0 |
| 88.0 | | | | | | | | | | | | | 21.7 | 85.8 | 80 600* | 88.0 |

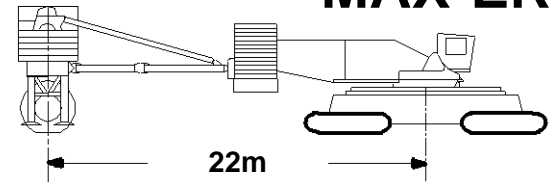
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 74.3 | 134.8 | 216 400* ^b | | | | | | | | | | | | | 27.4 |
| 28.0 | 73.8 | 134.7 | 216 400* ^b | | | | | | | | | | | | | 28.0 |
| 30.0 | 72.0 | 134.0 | 216 400* | | | | | | | | | | | | | 30.0 |
| 32.0 | 70.2 | 133.3 | 216 400* | | | | | | | | | | | | | 32.0 |
| 34.0 | 68.4 | 132.5 | 210 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 66.5 | 131.6 | 202 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 64.6 | 130.7 | 193 700* | | | | | | | | | | | | | 38.0 |
| 40.0 | 62.7 | 129.7 | 185 200* | 68.2 | 131.6 | 224 600* | | | | | | | | | | 40.0 |
| 42.0 | 60.7 | 128.5 | 176 600* | 66.4 | 130.7 | 224 600* | | | | | | | | | | 42.0 |
| 44.0 | 58.7 | 127.3 | 168 100* | 64.5 | 129.8 | 220 100* | | | | | | | | | | 44.0 |
| 46.0 | 56.7 | 126.0 | 159 700* | 62.5 | 128.7 | 209 900* | | | | | | | | | | 46.0 |
| 48.0 | 54.6 | 124.6 | 151 500* | 60.6 | 127.6 | 200 100* | | | | | | | | | | 48.0 |
| 50.0 | 52.5 | 123.1 | 143 600* | 58.6 | 126.4 | 191 000* | | | | | | | | | | 50.0 |
| 52.0 | 50.2 | 121.4 | 136 100* | 56.5 | 125.1 | 182 600* | 62.3 | 127.3 | 173 000* | | | | | | | 52.0 |
| 54.0 | 48.0 | 119.7 | 128 900* | 54.4 | 123.7 | 174 800* | 60.3 | 126.1 | 165 500* | | | | | | | 54.0 |
| 56.0 | 45.6 | 117.7 | 122 100* | 52.3 | 122.1 | 167 600* | 58.3 | 124.9 | 158 700* | | | | | | | 56.0 |
| 58.0 | 43.1 | 115.6 | 115 700* | 50.1 | 120.5 | 160 900* | 56.3 | 123.6 | 152 200* | | | | | | | 58.0 |
| 60.0 | 40.5 | 113.3 | 109 800* | 47.8 | 118.7 | 154 500* | 54.2 | 122.1 | 146 200* | | | | | | | 60.0 |
| 62.0 | 37.7 | 110.8 | 104 200* | 45.4 | 116.7 | 148 600* | 52.0 | 120.6 | 140 600* | 57.9 | 122.8 | 132 700* | | | | 62.0 |
| 64.0 | 34.8 | 107.9 | 99 000* | 42.9 | 114.6 | 143 000* | 49.8 | 118.9 | 135 300* | 55.9 | 121.5 | 127 600* | | | | 64.0 |
| 66.0 | 31.6 | 104.8 | 94 300* | 40.3 | 112.3 | 137 800* | 47.5 | 117.1 | 130 300* | 53.8 | 120.0 | 122 900* | | | | 66.0 |
| 68.0 | 28.0 | 101.2 | 90 000* | 37.5 | 109.7 | 132 800* | 45.1 | 115.1 | 125 600* | 51.6 | 118.4 | 118 400* | | | | 68.0 |
| 70.0 | 24.0 | 96.9 | 86 200* | 34.5 | 106.9 | 128 100* | 42.6 | 113.0 | 121 100* | 49.3 | 116.7 | 114 200* | | | | 70.0 |
| 72.0 | 19.2 | 91.6 | 82 900* | 31.3 | 103.7 | 123 400* | 39.9 | 110.6 | 116 900* | 47.0 | 114.9 | 110 200* | 53.1 | 117.3 | 103 600* | 72.0 |
| 74.0 | 12.6 | 84.2 | 80 600* | 27.7 | 100.0 | 117 500* | 37.1 | 108.0 | 112 800* | 44.6 | 112.9 | 106 300* | 51.0 | 115.7 | 99 900* | 74.0 |
| 76.0 | | | | 23.7 | 95.7 | 111 600* | 34.1 | 105.2 | 109 000* | 42.1 | 110.7 | 102 700* | 48.7 | 113.9 | 96 500* | 76.0 |
| 80.0 | | | | 11.9 | 82.6 | 101 900* | 27.3 | 98.2 | 101 900* | 36.6 | 105.7 | 96 000* | 43.9 | 110.0 | 90 200* | 80.0 |
| 84.0 | | | | | | | 18.0 | 88.2 | 95 200* | 30.2 | 99.4 | 89 800* | 38.6 | 105.3 | 84 300* | 84.0 |
| 88.0 | | | | | | | | | | 22.2 | 91.0 | 84 000* | 32.6 | 99.5 | 79 000* | 88.0 |
| 92.0 | | | | | | | | | | | | | 25.4 | 92.0 | 74 000* | 92.0 |
| 96.0 | | | | | | | | | | | | | 15.0 | 80.6 | 69 200* | 96.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

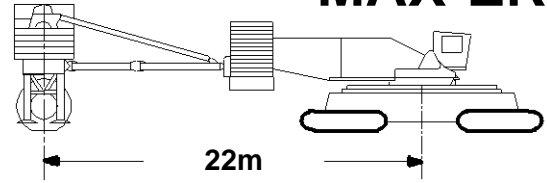


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

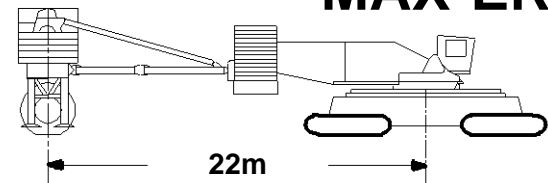
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.4 | 140.7 | 191 000* | | | | | | | | | | | | | 29.0 |
| 30.0 | 73.6 | 140.4 | 191 000* | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.9 | 139.8 | 191 000* | | | | | | | | | | | | | 32.0 |
| 34.0 | 70.3 | 139.1 | 190 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 68.6 | 138.3 | 188 200* | | | | | | | | | | | | | 36.0 |
| 38.0 | 66.9 | 137.4 | 181 500* | | | | | | | | | | | | | 38.0 |
| 40.0 | 65.1 | 136.5 | 174 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 63.4 | 135.5 | 168 000* | 68.4 | 137.4 | 198 600* | | | | | | | | | | 42.0 |
| 44.0 | 61.6 | 134.4 | 161 000* | 66.7 | 136.5 | 198 600* | | | | | | | | | | 44.0 |
| 46.0 | 59.8 | 133.3 | 154 000* | 65.0 | 135.6 | 198 600* | | | | | | | | | | 46.0 |
| 48.0 | 58.0 | 132.0 | 147 000* | 63.3 | 134.6 | 196 700* | | | | | | | | | | 48.0 |
| 50.0 | 56.1 | 130.7 | 140 200* | 61.5 | 133.5 | 189 700* | | | | | | | | | | 50.0 |
| 52.0 | 54.1 | 129.2 | 133 600* | 59.7 | 132.3 | 181 000* | 64.8 | 134.1 | 171 200* | | | | | | | 52.0 |
| 54.0 | 52.2 | 127.7 | 127 100* | 57.8 | 131.1 | 173 300* | 63.0 | 133.1 | 163 800* | | | | | | | 54.0 |
| 56.0 | 50.1 | 126.0 | 120 900* | 55.9 | 129.7 | 166 000* | 61.3 | 132.0 | 156 900* | | | | | | | 56.0 |
| 58.0 | 48.0 | 124.3 | 115 000* | 54.0 | 128.3 | 159 300* | 59.4 | 130.8 | 150 500* | | | | | | | 58.0 |
| 60.0 | 45.9 | 122.3 | 109 300* | 52.0 | 126.7 | 153 000* | 57.6 | 129.6 | 144 500* | | | | | | | 60.0 |
| 62.0 | 43.6 | 120.3 | 104 000* | 50.0 | 125.1 | 147 100* | 55.7 | 128.2 | 138 900* | | | | | | | 62.0 |
| 64.0 | 41.3 | 118.0 | 99 000* | 47.9 | 123.3 | 141 600* | 53.8 | 126.8 | 133 600* | 59.1 | 128.8 | 125 800* | | | | 64.0 |
| 66.0 | 38.8 | 115.6 | 94 300* | 45.7 | 121.4 | 136 300* | 51.8 | 125.2 | 128 700* | 57.2 | 127.5 | 121 100* | | | | 66.0 |
| 68.0 | 36.2 | 112.9 | 89 900* | 43.4 | 119.3 | 131 400* | 49.7 | 123.5 | 124 000* | 55.3 | 126.1 | 116 600* | | | | 68.0 |
| 70.0 | 33.3 | 109.9 | 85 900* | 41.1 | 117.0 | 126 700* | 47.6 | 121.7 | 119 600* | 53.4 | 124.6 | 112 400* | | | | 70.0 |
| 72.0 | 30.3 | 106.6 | 82 200* | 38.6 | 114.5 | 122 300* | 45.4 | 119.8 | 115 300* | 51.4 | 123.1 | 108 500* | | | | 72.0 |
| 74.0 | 27.0 | 102.8 | 78 700* | 35.9 | 111.8 | 118 100* | 43.1 | 117.7 | 111 400* | 49.3 | 121.3 | 104 700* | | | | 74.0 |
| 76.0 | 23.1 | 98.4 | 75 700* | 33.1 | 108.8 | 113 700* | 40.8 | 115.4 | 107 600* | 47.2 | 119.5 | 101 100* | 52.8 | 121.9 | 94 700* | 76.0 |
| 80.0 | 12.4 | 85.2 | 71 400* | 26.7 | 101.6 | 103 300* | 35.6 | 110.1 | 100 500* | 42.7 | 115.4 | 94 400* | 48.7 | 118.5 | 88 400* | 80.0 |
| 84.0 | | | | 18.2 | 91.6 | 94 300* | 29.7 | 103.7 | 94 100* | 37.8 | 110.5 | 88 400* | 44.3 | 114.6 | 82 700* | 84.0 |
| 88.0 | | | | | | | 22.3 | 95.2 | 88 100* | 32.2 | 104.6 | 82 800* | 39.6 | 110.0 | 77 400* | 88.0 |
| 92.0 | | | | | | | 10.7 | 80.9 | 82 300* | 25.5 | 97.1 | 77 600* | 34.3 | 104.6 | 72 500* | 92.0 |
| 96.0 | | | | | | | | | | 16.4 | 86.2 | 72 600* | 28.1 | 97.7 | 68 000* | 96.0 |
| 100.0 | | | | | | | | | | | | | 20.1 | 88.5 | 63 700* | 100.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.5 | 146.6 | 168 100* | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.4 | 146.2 | 168 100* | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.8 | 145.5 | 168 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 70.3 | 144.8 | 168 100* | | | | | | | | | | | | | 36.0 |
| 38.0 | 68.8 | 144.0 | 167 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 67.2 | 143.2 | 162 800* | | | | | | | | | | | | | 40.0 |
| 42.0 | 65.6 | 142.3 | 157 500* | | | | | | | | | | | | | 42.0 |
| 44.0 | 64.0 | 141.3 | 151 900* | 68.6 | 143.1 | 172 500* | | | | | | | | | | 44.0 |
| 46.0 | 62.4 | 140.3 | 146 200* | 67.1 | 142.3 | 172 500* | | | | | | | | | | 46.0 |
| 48.0 | 60.7 | 139.2 | 140 400* | 65.5 | 141.4 | 172 500* | | | | | | | | | | 48.0 |
| 50.0 | 59.0 | 138.0 | 134 600* | 63.9 | 140.4 | 172 500* | | | | | | | | | | 50.0 |
| 52.0 | 57.3 | 136.7 | 128 900* | 62.2 | 139.4 | 172 400* | | | | | | | | | | 52.0 |
| 54.0 | 55.6 | 135.3 | 123 300* | 60.6 | 138.2 | 170 700* | | | | | | | | | | 54.0 |
| 56.0 | 53.8 | 133.9 | 117 800* | 58.9 | 137.0 | 164 300* | 63.7 | 138.9 | 154 900* | | | | | | | 56.0 |
| 58.0 | 51.9 | 132.3 | 112 500* | 57.2 | 135.8 | 157 500* | 62.0 | 137.9 | 148 500* | | | | | | | 58.0 |
| 60.0 | 50.0 | 130.6 | 107 300* | 55.4 | 134.4 | 151 300* | 60.4 | 136.8 | 142 500* | | | | | | | 60.0 |
| 62.0 | 48.1 | 128.9 | 102 400* | 53.6 | 132.9 | 145 400* | 58.7 | 135.5 | 136 900* | | | | | | | 62.0 |
| 64.0 | 46.1 | 127.0 | 97 700* | 51.8 | 131.3 | 139 900* | 56.9 | 134.2 | 131 700* | | | | | | | 64.0 |
| 66.0 | 44.0 | 124.9 | 93 200* | 49.9 | 129.7 | 134 700* | 55.2 | 132.9 | 126 800* | | | | | | | 66.0 |
| 68.0 | 41.9 | 122.7 | 89 000* | 48.0 | 127.9 | 129 700* | 53.4 | 131.4 | 122 100* | 58.3 | 133.5 | 114 600* | | | | 68.0 |
| 70.0 | 39.6 | 120.3 | 85 000* | 46.0 | 126.0 | 125 100* | 51.6 | 129.8 | 117 700* | 56.6 | 132.1 | 110 400* | | | | 70.0 |
| 72.0 | 37.3 | 117.7 | 81 300* | 43.9 | 123.9 | 120 700* | 49.7 | 128.1 | 113 500* | 54.8 | 130.7 | 106 400* | | | | 72.0 |
| 74.0 | 34.8 | 114.9 | 77 800* | 41.7 | 121.7 | 116 400* | 47.7 | 126.3 | 109 600* | 53.0 | 129.3 | 102 700* | | | | 74.0 |
| 76.0 | 32.1 | 111.8 | 74 500* | 39.5 | 119.3 | 111 700* | 45.7 | 124.4 | 105 800* | 51.2 | 127.7 | 99 100* | | | | 76.0 |
| 80.0 | 26.0 | 104.4 | 68 800* | 34.6 | 113.9 | 102 700* | 41.4 | 120.1 | 98 800* | 47.3 | 124.1 | 92 500* | 52.5 | 126.5 | 86 300* | 80.0 |
| 84.0 | 18.0 | 94.1 | 64 300* | 29.0 | 107.2 | 94 500* | 36.8 | 115.0 | 92 500* | 43.2 | 120.1 | 86 500* | 48.7 | 123.1 | 80 600* | 84.0 |
| 88.0 | | | | 22.1 | 98.5 | 87 000* | 31.5 | 109.0 | 86 700* | 38.7 | 115.3 | 81 000* | 44.7 | 119.3 | 75 400* | 88.0 |
| 92.0 | | | | 11.6 | 84.7 | 80 600* | 25.3 | 101.3 | 81 300* | 33.7 | 109.7 | 75 900* | 40.4 | 114.8 | 70 700* | 92.0 |
| 96.0 | | | | | | | 17.0 | 90.6 | 76 200* | 28.0 | 102.8 | 71 200* | 35.6 | 109.5 | 66 200* | 96.0 |
| 100.0 | | | | | | | | | | 20.8 | 93.7 | 66 800* | 30.2 | 103.2 | 62 100* | 100.0 |
| 104.0 | | | | | | | | | | | | | 23.6 | 95.0 | 58 200* | 104.0 |
| 108.0 | | | | | | | | | | | | | 14.3 | 82.9 | 54 400* | 108.0 |

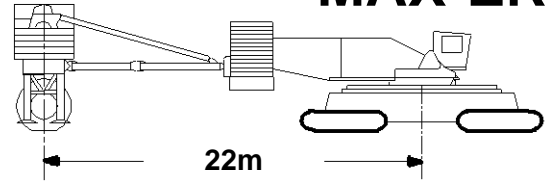


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

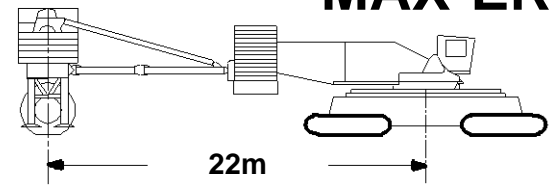
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.6 | 152.5 | 147 500* | | | | | | | | | | | | | 32.0 |
| 34.0 | 73.2 | 151.9 | 147 500* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.8 | 151.3 | 147 500* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.3 | 150.6 | 147 500* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.9 | 149.8 | 147 500* | | | | | | | | | | | | | 40.0 |
| 42.0 | 67.4 | 149.0 | 146 100* | | | | | | | | | | | | | 42.0 |
| 44.0 | 66.0 | 148.1 | 142 100* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.5 | 147.1 | 137 600* | 68.8 | 148.9 | 151 400* | | | | | | | | | | 46.0 |
| 48.0 | 63.0 | 146.1 | 132 900* | 67.3 | 148.1 | 151 400* | | | | | | | | | | 48.0 |
| 50.0 | 61.5 | 145.0 | 128 300* | 65.9 | 147.2 | 151 400* | | | | | | | | | | 50.0 |
| 52.0 | 59.9 | 143.9 | 123 600* | 64.4 | 146.2 | 151 200* | | | | | | | | | | 52.0 |
| 54.0 | 58.3 | 142.7 | 118 800* | 62.9 | 145.2 | 147 500* | | | | | | | | | | 54.0 |
| 56.0 | 56.7 | 141.3 | 114 100* | 61.3 | 144.1 | 142 400* | | | | | | | | | | 56.0 |
| 58.0 | 55.1 | 140.0 | 109 400* | 59.8 | 143.0 | 137 200* | 64.2 | 144.8 | 146 900* | | | | | | | 58.0 |
| 60.0 | 53.4 | 138.5 | 104 800* | 58.2 | 141.7 | 132 000* | 62.7 | 143.7 | 140 900* | | | | | | | 60.0 |
| 62.0 | 51.7 | 136.9 | 100 400* | 56.6 | 140.4 | 126 700* | 61.1 | 142.6 | 135 400* | | | | | | | 62.0 |
| 64.0 | 50.0 | 135.2 | 96 200* | 55.0 | 139.0 | 121 500* | 59.6 | 141.5 | 130 100* | | | | | | | 64.0 |
| 66.0 | 48.2 | 133.5 | 92 000* | 53.3 | 137.5 | 116 400* | 58.0 | 140.2 | 125 200* | | | | | | | 66.0 |
| 68.0 | 46.3 | 131.6 | 88 000* | 51.6 | 136.0 | 111 400* | 56.4 | 138.9 | 120 600* | | | | | | | 68.0 |
| 70.0 | 44.4 | 129.6 | 84 200* | 49.8 | 134.3 | 106 600* | 54.8 | 137.5 | 116 200* | | | | | | | 70.0 |
| 72.0 | 42.4 | 127.4 | 80 600* | 48.0 | 132.5 | 101 900* | 53.1 | 136.0 | 112 000* | 57.7 | 138.1 | 104 800* | | | | 72.0 |
| 74.0 | 40.4 | 125.1 | 77 200* | 46.2 | 130.6 | 97 300* | 51.4 | 134.4 | 108 100* | 56.1 | 136.8 | 101 100* | | | | 74.0 |
| 76.0 | 38.2 | 122.6 | 74 000* | 44.3 | 128.6 | 92 900* | 49.6 | 132.7 | 104 400* | 54.4 | 135.4 | 97 500* | | | | 76.0 |
| 80.0 | 33.6 | 116.9 | 68 100* | 40.2 | 124.0 | 84 600* | 45.9 | 129.0 | 97 300* | 51.0 | 132.3 | 91 000* | | | | 80.0 |
| 84.0 | 28.2 | 110.0 | 63 000* | 35.8 | 118.8 | 76 900* | 42.0 | 124.8 | 88 900* | 47.4 | 128.7 | 85 000* | 52.3 | 131.1 | 79 000* | 84.0 |
| 88.0 | 21.7 | 101.2 | 58 800* | 30.8 | 112.5 | 69 900* | 37.8 | 119.9 | 81 000* | 43.6 | 124.7 | 79 600* | 48.8 | 127.7 | 73 800* | 88.0 |
| 92.0 | 12.1 | 87.4 | 55 200* | 24.9 | 104.8 | 63 600* | 33.1 | 114.1 | 73 600* | 39.5 | 120.1 | 74 500* | 45.0 | 123.9 | 69 100* | 92.0 |
| 96.0 | | | | 17.2 | 94.0 | 58 100* | 27.6 | 107.1 | 67 000* | 35.0 | 114.7 | 69 900* | 41.0 | 119.5 | 64 700* | 96.0 |
| 100.0 | | | | | | | 20.9 | 97.9 | 61 100* | 29.9 | 108.3 | 65 600* | 36.7 | 114.4 | 60 700* | 100.0 |
| 104.0 | | | | | | | 10.6 | 83.1 | 56 300* | 23.9 | 100.1 | 61 500* | 31.8 | 108.4 | 56 900* | 104.0 |
| 108.0 | | | | | | | | | | 15.6 | 88.6 | 57 700* | 26.2 | 101.0 | 53 400* | 108.0 |
| 112.0 | | | | | | | | | | | | | 19.0 | 91.0 | 49 900* | 112.0 |

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.6 | 158.5 | 130 000* | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.3 | 158.3 | 130 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 73.0 | 157.7 | 130 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.7 | 157.0 | 130 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.4 | 156.3 | 130 000* | | | | | | | | | | | | | 40.0 |
| 42.0 | 69.0 | 155.6 | 130 000* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.7 | 154.7 | 130 000* | | | | | | | | | | | | | 44.0 |
| 46.0 | 66.3 | 153.9 | 128 000* | | | | | | | | | | | | | 46.0 |
| 48.0 | 64.9 | 152.9 | 124 400* | 68.9 | 154.7 | 132 100* | | | | | | | | | | 48.0 |
| 50.0 | 63.5 | 151.9 | 120 700* | 67.6 | 153.9 | 132 100* | | | | | | | | | | 50.0 |
| 52.0 | 62.1 | 150.9 | 116 800* | 66.2 | 153.0 | 131 900* | | | | | | | | | | 52.0 |
| 54.0 | 60.7 | 149.8 | 112 800* | 64.8 | 152.0 | 129 100* | | | | | | | | | | 54.0 |
| 56.0 | 59.2 | 148.6 | 108 000* | 63.4 | 151.0 | 124 000* | | | | | | | | | | 56.0 |
| 58.0 | 57.7 | 147.3 | 103 000* | 62.0 | 150.0 | 119 000* | | | | | | | | | | 58.0 |
| 60.0 | 56.2 | 146.0 | 98 100* | 60.6 | 148.8 | 114 000* | 64.6 | 150.6 | 124 500* | | | | | | | 60.0 |
| 62.0 | 54.7 | 144.6 | 93 400* | 59.1 | 147.7 | 109 100* | 63.2 | 149.6 | 120 700* | | | | | | | 62.0 |
| 64.0 | 53.1 | 143.1 | 88 900* | 57.6 | 146.4 | 104 200* | 61.8 | 148.5 | 116 700* | | | | | | | 64.0 |
| 66.0 | 51.5 | 141.5 | 84 400* | 56.1 | 145.1 | 99 200* | 60.4 | 147.4 | 112 400* | | | | | | | 66.0 |
| 68.0 | 49.9 | 139.8 | 80 100* | 54.6 | 143.6 | 94 500* | 58.9 | 146.2 | 107 900* | | | | | | | 68.0 |
| 70.0 | 48.2 | 138.1 | 76 000* | 53.0 | 142.1 | 90 000* | 57.4 | 144.9 | 103 300* | | | | | | | 70.0 |
| 72.0 | 46.5 | 136.2 | 72 100* | 51.4 | 140.6 | 85 500* | 55.9 | 143.5 | 98 700* | | | | | | | 72.0 |
| 74.0 | 44.7 | 134.2 | 68 300* | 49.8 | 138.9 | 81 100* | 54.4 | 142.1 | 94 200* | 58.6 | 144.1 | 99 000* | | | | 74.0 |
| 76.0 | 42.9 | 132.1 | 64 700* | 48.1 | 137.1 | 77 000* | 52.8 | 140.6 | 89 700* | 57.1 | 142.8 | 95 500* | | | | 76.0 |
| 80.0 | 39.0 | 127.3 | 57 700* | 44.6 | 133.2 | 69 000* | 49.6 | 137.3 | 81 100* | 54.1 | 140.0 | 88 900* | | | | 80.0 |
| 84.0 | 34.8 | 121.9 | 51 400* | 40.9 | 128.8 | 61 700* | 46.2 | 133.6 | 72 900* | 50.9 | 136.9 | 83 000* | | | | 84.0 |
| 88.0 | 30.0 | 115.4 | 45 600* | 36.8 | 123.7 | 55 000* | 42.5 | 129.4 | 65 400* | 47.6 | 133.3 | 76 100* | 52.1 | 135.7 | 71 800* | 88.0 |
| 92.0 | 24.4 | 107.5 | 40 300* | 32.3 | 117.7 | 48 900* | 38.6 | 124.7 | 58 400* | 44.0 | 129.4 | 68 500* | 48.8 | 132.3 | 67 100* | 92.0 |
| 96.0 | 17.2 | 96.6 | 35 600* | 27.2 | 110.5 | 43 300* | 34.3 | 119.1 | 52 000* | 40.2 | 124.8 | 61 300* | 45.3 | 128.5 | 62 700* | 96.0 |
| 100.0 | | | | 20.8 | 101.3 | 38 300* | 29.5 | 112.5 | 46 200* | 36.1 | 119.6 | 54 700* | 41.6 | 124.2 | 58 800* | 100.0 |
| 104.0 | | | | 11.4 | 86.9 | 34 100* | 23.8 | 104.3 | 40 900* | 31.5 | 113.5 | 48 600* | 37.6 | 119.3 | 55 000* | 104.0 |
| 108.0 | | | | | | | 16.2 | 93.0 | 36 200* | 26.2 | 106.1 | 43 100* | 33.2 | 113.5 | 50 900* | 108.0 |
| 112.0 | | | | | | | | | | 19.6 | 96.3 | 38 200* | 28.2 | 106.6 | 45 200* | 112.0 |
| 116.0 | | | | | | | | | | | | | 22.2 | 97.9 | 40 100* | 116.0 |
| 120.0 | | | | | | | | | | | | | 13.8 | 85.1 | 35 700* | 120.0 |

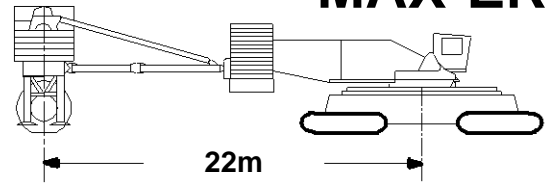


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 19.8 | | | c | | | | | | | | | | | | | 19.8 |
| 20.0 | | | c | | | | | | | | | | | | | 20.0 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 63.7 | 108.9 | 323 000*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 60.1 | 107.8 | 310 700*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 56.3 | 106.5 | 294 400*b | | | c | | | | | | | | | | 30.0 |
| 32.0 | 52.4 | 105.0 | 273 400*b | 64.3 | 108.2 | 317 800*b | | | | | | | | | | 32.0 |
| 34.0 | 48.2 | 103.2 | 254 300* | 60.7 | 107.1 | 298 100*b | | | | | | | | | | 34.0 |
| 36.0 | 43.7 | 101.2 | 236 500* | 57.0 | 105.8 | 280 600*b | | | | | | | | | | 36.0 |
| 38.0 | 38.8 | 98.8 | 220 300* | 53.1 | 104.4 | 264 800*b | | | | | | | | | | 38.0 |
| 40.0 | 33.3 | 95.8 | 205 900* | 49.0 | 102.7 | 250 500* | 61.2 | 105.8 | 238 400*b | | | | | | | 40.0 |
| 42.0 | 26.7 | 92.1 | 193 400* | 44.6 | 100.7 | 237 500* | 57.5 | 104.6 | 226 000*b | | | | | | | 42.0 |
| 44.0 | 17.8 | 86.8 | 183 900* | 39.8 | 98.3 | 225 600* | 53.7 | 103.1 | 214 800*b | | | | | | | 44.0 |
| 46.0 | | | | 34.4 | 95.5 | 214 600* | 49.6 | 101.4 | 204 500* | | | | | | | 46.0 |
| 48.0 | | | | 28.0 | 92.0 | 204 500* | 45.2 | 99.5 | 194 900* | 57.8 | 102.7 | 185 200*b | | | | 48.0 |
| 50.0 | | | | 19.8 | 87.1 | 194 900* | 40.4 | 97.2 | 186 100* | 53.9 | 101.2 | 176 800*b | | | | 50.0 |
| 52.0 | | | | | | | 35.1 | 94.5 | 177 900* | 49.8 | 99.6 | 169 100* | | | | 52.0 |
| 54.0 | | | | | | | 29.0 | 91.1 | 170 200* | 45.5 | 97.6 | 161 900* | | | | 54.0 |
| 56.0 | | | | | | | 21.1 | 86.5 | 162 900* | 40.7 | 95.4 | 155 200* | | | | 56.0 |
| 58.0 | | | | | | | | | | 35.5 | 92.7 | 148 800* | 49.7 | 97.0 | 141 100* | 58.0 |
| 60.0 | | | | | | | | | | 29.4 | 89.3 | 142 800* | 45.3 | 95.0 | 135 500* | 60.0 |
| 62.0 | | | | | | | | | | 21.6 | 84.8 | 137 000* | 40.5 | 92.8 | 130 300* | 62.0 |
| 64.0 | | | | | | | | | | 7.8 | 76.2 | 131 100* | 35.3 | 90.0 | 125 300* | 64.0 |
| 66.0 | | | | | | | | | | | | | 29.1 | 86.6 | 120 500* | 66.0 |
| 68.0 | | | | | | | | | | | | | 21.3 | 82.1 | 115 900* | 68.0 |
| 70.0 | | | | | | | | | | | | | 6.5 | 72.9 | 110 900* | 70.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

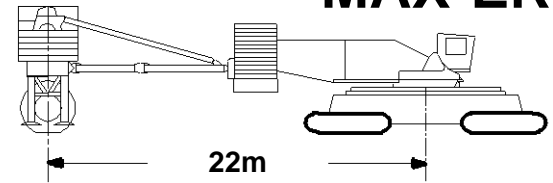
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 67.7 | 115.7 | 304 900*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 64.7 | 114.8 | 294 000*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 61.7 | 113.7 | 279 000*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 58.5 | 112.5 | 261 500*b | 68.2 | 115.0 | 311 800*b | | | | | | | | | | 32.0 |
| 34.0 | 55.3 | 111.1 | 244 800* | 65.3 | 114.1 | 296 800*b | | | | | | | | | | 34.0 |
| 36.0 | 51.9 | 109.6 | 228 700* | 62.3 | 113.0 | 278 900*b | | | | | | | | | | 36.0 |
| 38.0 | 48.3 | 107.8 | 213 600* | 59.1 | 111.8 | 263 200*b | | | | | | | | | | 38.0 |
| 40.0 | 44.5 | 105.8 | 199 500* | 55.9 | 110.5 | 249 000* | | | | | | | | | | 40.0 |
| 42.0 | 40.4 | 103.5 | 186 500* | 52.5 | 109.0 | 236 100* | 62.7 | 111.7 | 224 200*b | | | | | | | 42.0 |
| 44.0 | 36.0 | 100.9 | 174 800* | 49.0 | 107.3 | 224 400* | 59.6 | 110.5 | 212 900*b | | | | | | | 44.0 |
| 46.0 | 30.9 | 97.7 | 164 300* | 45.2 | 105.3 | 213 600* | 56.3 | 109.2 | 202 700* | | | | | | | 46.0 |
| 48.0 | 24.9 | 93.7 | 155 300* | 41.2 | 103.1 | 203 600* | 53.0 | 107.7 | 193 300* | | | | | | | 48.0 |
| 50.0 | 16.8 | 88.0 | 148 300* | 36.8 | 100.5 | 194 400* | 49.5 | 106.0 | 184 600* | | | | | | | 50.0 |
| 52.0 | | | | 31.9 | 97.4 | 185 800* | 45.8 | 104.1 | 176 500* | 56.5 | 107.3 | 167 100* | | | | 52.0 |
| 54.0 | | | | 26.1 | 93.6 | 177 800* | 41.8 | 101.9 | 169 000* | 53.2 | 105.8 | 160 000* | | | | 54.0 |
| 56.0 | | | | 18.6 | 88.4 | 170 100* | 37.4 | 99.4 | 162 000* | 49.7 | 104.2 | 153 400* | | | | 56.0 |
| 58.0 | | | | | | | 32.6 | 96.4 | 155 400* | 46.0 | 102.3 | 147 200* | | | | 58.0 |
| 60.0 | | | | | | | 27.0 | 92.7 | 149 200* | 42.0 | 100.1 | 141 400* | 53.1 | 103.2 | 133 600* | 60.0 |
| 62.0 | | | | | | | 19.8 | 87.8 | 143 200* | 37.7 | 97.6 | 135 900* | 49.6 | 101.6 | 128 400* | 62.0 |
| 64.0 | | | | | | | 6.8 | 78.3 | 137 100* | 32.9 | 94.6 | 130 800* | 45.8 | 99.7 | 123 600* | 64.0 |
| 66.0 | | | | | | | | | | 27.3 | 91.0 | 125 800* | 41.9 | 97.5 | 119 000* | 66.0 |
| 68.0 | | | | | | | | | | 20.3 | 86.1 | 121 000* | 37.5 | 94.9 | 114 600* | 68.0 |
| 70.0 | | | | | | | | | | 8.2 | 77.4 | 116 100* | 32.7 | 92.0 | 110 500* | 70.0 |
| 72.0 | | | | | | | | | | | | | 27.1 | 88.3 | 106 400* | 72.0 |
| 74.0 | | | | | | | | | | | | | 20.0 | 83.4 | 102 500* | 74.0 |
| 76.0 | | | | | | | | | | | | | 7.3 | 74.2 | 98 300* | 76.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

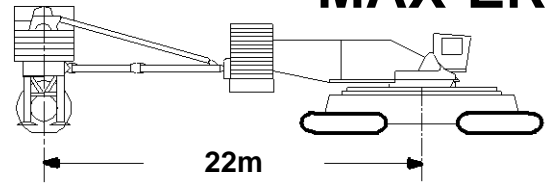


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 70.6 | 122.3 | 288 200* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 68.1 | 121.5 | 275 700* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 65.5 | 120.6 | 262 300* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 62.9 | 119.6 | 248 300* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 60.2 | 118.4 | 234 300* | 68.6 | 120.7 | 287 900* b | | | | | | | | | | 34.0 |
| 36.0 | 57.4 | 117.2 | 220 400* | 66.0 | 119.9 | 277 900* b | | | | | | | | | | 36.0 |
| 38.0 | 54.5 | 115.7 | 207 000* | 63.4 | 118.9 | 262 000* b | | | | | | | | | | 38.0 |
| 40.0 | 51.5 | 114.2 | 194 200* | 60.7 | 117.7 | 247 800* | | | | | | | | | | 40.0 |
| 42.0 | 48.4 | 112.4 | 182 100* | 57.9 | 116.5 | 235 000* | | | | | | | | | | 42.0 |
| 44.0 | 45.1 | 110.5 | 170 800* | 55.1 | 115.1 | 223 300* | | | | | | | | | | 44.0 |
| 46.0 | 41.6 | 108.2 | 160 300* | 52.1 | 113.6 | 212 600* | 61.1 | 116.4 | 201 300* | | | | | | | 46.0 |
| 48.0 | 37.8 | 105.7 | 150 700* | 49.0 | 111.9 | 202 700* | 58.3 | 115.2 | 192 000* | | | | | | | 48.0 |
| 50.0 | 33.7 | 102.8 | 142 000* | 45.7 | 109.9 | 193 600* | 55.4 | 113.9 | 183 400* | | | | | | | 50.0 |
| 52.0 | 29.0 | 99.4 | 134 300* | 42.3 | 107.8 | 185 200* | 52.5 | 112.3 | 175 400* | | | | | | | 52.0 |
| 54.0 | 23.5 | 95.1 | 127 600* | 38.6 | 105.3 | 177 300* | 49.4 | 110.6 | 168 000* | 58.5 | 113.3 | 158 600* | | | | 54.0 |
| 56.0 | 16.1 | 89.2 | 122 500* | 34.5 | 102.5 | 170 000* | 46.2 | 108.8 | 161 000* | 55.6 | 111.9 | 152 000* | | | | 56.0 |
| 58.0 | | | | 29.9 | 99.2 | 163 100* | 42.8 | 106.6 | 154 600* | 52.7 | 110.4 | 145 900* | | | | 58.0 |
| 60.0 | | | | 24.6 | 95.1 | 156 600* | 39.1 | 104.2 | 148 500* | 49.6 | 108.8 | 140 200* | | | | 60.0 |
| 62.0 | | | | 17.7 | 89.6 | 150 400* | 35.1 | 101.5 | 142 800* | 46.4 | 106.9 | 134 800* | | | | 62.0 |
| 64.0 | | | | 2.6 | 76.9 | 143 800* | 30.6 | 98.2 | 137 400* | 43.0 | 104.8 | 129 700* | 52.6 | 107.9 | 122 200* | 64.0 |
| 66.0 | | | | | | | 25.4 | 94.3 | 132 200* | 39.3 | 102.4 | 125 000* | 49.5 | 106.2 | 117 700* | 66.0 |
| 68.0 | | | | | | | 18.8 | 89.0 | 127 200* | 35.3 | 99.6 | 120 400* | 46.3 | 104.3 | 113 400* | 68.0 |
| 70.0 | | | | | | | 7.4 | 79.5 | 122 100* | 30.9 | 96.4 | 116 100* | 42.8 | 102.2 | 109 300* | 70.0 |
| 72.0 | | | | | | | | | | 25.7 | 92.5 | 111 900* | 39.2 | 99.8 | 105 500* | 72.0 |
| 74.0 | | | | | | | | | | 19.2 | 87.4 | 107 900* | 35.2 | 97.0 | 101 800* | 74.0 |
| 76.0 | | | | | | | | | | 8.6 | 78.5 | 103 700* | 30.7 | 93.8 | 98 300* | 76.0 |
| 80.0 | | | | | | | | | | | | | 18.9 | 84.6 | 91 500* | 80.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

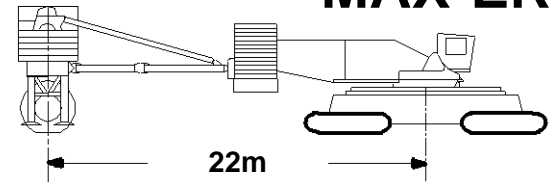
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight**
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | ^c | | | | | | | | | | | | | 24.4 |
| 26.0 | 72.9 | 128.7 | 255 100* ^b | | | | | | | | | | | | | 26.0 |
| 28.0 | 70.7 | 128.0 | 253 000* ^b | | | | | | | | | | | | | 28.0 |
| 30.0 | 68.4 | 127.3 | 244 400* ^b | | | | | | | | | | | | | 30.0 |
| 32.0 | 66.1 | 126.4 | 233 300* ^b | | | | | | | | | | | | | 32.0 |
| 34.0 | 63.8 | 125.4 | 222 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 61.4 | 124.3 | 210 600* | 68.8 | 126.5 | 262 500* ^b | | | | | | | | | | 36.0 |
| 38.0 | 59.0 | 123.1 | 199 100* | 66.6 | 125.6 | 256 800* ^b | | | | | | | | | | 38.0 |
| 40.0 | 56.5 | 121.8 | 188 000* | 64.2 | 124.7 | 246 100* | | | | | | | | | | 40.0 |
| 42.0 | 53.9 | 120.4 | 177 200* | 61.9 | 123.6 | 233 100* | | | | | | | | | | 42.0 |
| 44.0 | 51.2 | 118.8 | 166 900* | 59.4 | 122.4 | 221 500* | | | | | | | | | | 44.0 |
| 46.0 | 48.5 | 117.0 | 157 100* | 57.0 | 121.2 | 210 800* | 64.5 | 123.4 | 199 200* | | | | | | | 46.0 |
| 48.0 | 45.6 | 115.1 | 148 000* | 54.4 | 119.7 | 201 000* | 62.2 | 122.3 | 189 900* | | | | | | | 48.0 |
| 50.0 | 42.5 | 112.9 | 139 400* | 51.8 | 118.2 | 192 000* | 59.8 | 121.2 | 181 400* | | | | | | | 50.0 |
| 52.0 | 39.2 | 110.5 | 131 500* | 49.0 | 116.5 | 183 600* | 57.3 | 119.9 | 173 400* | | | | | | | 52.0 |
| 54.0 | 35.7 | 107.8 | 124 300* | 46.1 | 114.6 | 175 800* | 54.7 | 118.5 | 166 100* | | | | | | | 54.0 |
| 56.0 | 31.9 | 104.7 | 117 700* | 43.1 | 112.5 | 168 600* | 52.1 | 116.9 | 159 200* | | | | | | | 56.0 |
| 58.0 | 27.5 | 101.0 | 111 800* | 39.9 | 110.1 | 161 800* | 49.4 | 115.2 | 152 800* | 57.4 | 118.0 | 143 800* | | | | 58.0 |
| 60.0 | 22.3 | 96.5 | 106 800* | 36.4 | 107.5 | 155 500* | 46.5 | 113.4 | 146 800* | 54.9 | 116.6 | 138 100* | | | | 60.0 |
| 62.0 | 15.5 | 90.3 | 102 900* | 32.6 | 104.4 | 149 500* | 43.5 | 111.3 | 141 200* | 52.3 | 115.0 | 132 800* | | | | 62.0 |
| 64.0 | | | | 28.4 | 100.9 | 143 800* | 40.3 | 109.0 | 135 900* | 49.5 | 113.4 | 127 800* | | | | 64.0 |
| 66.0 | | | | 23.4 | 96.6 | 136 900* | 36.9 | 106.4 | 130 800* | 46.7 | 111.5 | 123 100* | | | | 66.0 |
| 68.0 | | | | 17.0 | 90.8 | 130 000* | 33.1 | 103.4 | 126 100* | 43.7 | 109.4 | 118 700* | 52.2 | 112.5 | 111 300* | 68.0 |
| 70.0 | | | | 4.7 | 79.2 | 127 300* | 29.0 | 99.9 | 121 600* | 40.5 | 107.1 | 114 400* | 49.4 | 110.8 | 107 300* | 70.0 |
| 72.0 | | | | | | | 24.1 | 95.7 | 117 200* | 37.1 | 104.5 | 110 400* | 46.6 | 108.9 | 103 500* | 72.0 |
| 74.0 | | | | | | | 18.0 | 90.2 | 113 000* | 33.4 | 101.6 | 106 600* | 43.6 | 106.8 | 99 900* | 74.0 |
| 76.0 | | | | | | | 7.8 | 80.7 | 108 700* | 29.2 | 98.2 | 102 900* | 40.4 | 104.5 | 96 500* | 76.0 |
| 80.0 | | | | | | | | | | 18.4 | 88.6 | 95 900* | 33.2 | 99.0 | 90 100* | 80.0 |
| 84.0 | | | | | | | | | | | | | 24.2 | 91.3 | 84 200* | 84.0 |
| 88.0 | | | | | | | | | | | | | 8.1 | 76.5 | 78 200* | 88.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

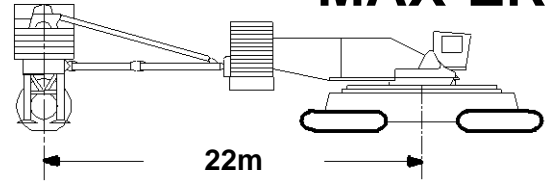


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | 74.7 | 135.2 | 225 100*(b) | | | | | | | | | | | | | 25.9 |
| 26.0 | 74.6 | 135.1 | 225 100*(b) | | | | | | | | | | | | | 26.0 |
| 28.0 | 72.7 | 134.5 | 225 100*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 70.7 | 133.8 | 224 000*(b) | | | | | | | | | | | | | 30.0 |
| 32.0 | 68.7 | 133.0 | 217 300* | | | | | | | | | | | | | 32.0 |
| 34.0 | 66.6 | 132.2 | 208 500* | | | | | | | | | | | | | 34.0 |
| 36.0 | 64.5 | 131.2 | 199 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 62.4 | 130.2 | 189 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 60.2 | 129.0 | 180 500* | 67.0 | 131.4 | 238 200* | | | | | | | | | | 40.0 |
| 42.0 | 58.0 | 127.8 | 171 200* | 64.9 | 130.5 | 231 400* | | | | | | | | | | 42.0 |
| 44.0 | 55.8 | 126.4 | 162 100* | 62.8 | 129.5 | 220 200* | | | | | | | | | | 44.0 |
| 46.0 | 53.4 | 125.0 | 153 400* | 60.7 | 128.4 | 209 400* | | | | | | | | | | 46.0 |
| 48.0 | 51.0 | 123.4 | 145 000* | 58.4 | 127.1 | 199 700* | | | | | | | | | | 48.0 |
| 50.0 | 48.5 | 121.6 | 137 000* | 56.2 | 125.8 | 190 700* | 63.1 | 128.2 | 179 800* | | | | | | | 50.0 |
| 52.0 | 45.9 | 119.7 | 129 500* | 53.9 | 124.4 | 182 400* | 60.9 | 127.1 | 171 900* | | | | | | | 52.0 |
| 54.0 | 43.2 | 117.6 | 122 400* | 51.5 | 122.8 | 174 600* | 58.7 | 125.9 | 164 600* | | | | | | | 54.0 |
| 56.0 | 40.3 | 115.3 | 115 900* | 49.0 | 121.1 | 167 400* | 56.5 | 124.5 | 157 800* | | | | | | | 56.0 |
| 58.0 | 37.3 | 112.7 | 109 800* | 46.4 | 119.2 | 160 700* | 54.2 | 123.1 | 151 400* | | | | | | | 58.0 |
| 60.0 | 33.9 | 109.8 | 104 200* | 43.7 | 117.1 | 154 400* | 51.8 | 121.5 | 145 500* | 58.9 | 123.9 | 136 600* | | | | 60.0 |
| 62.0 | 30.3 | 106.5 | 99 200* | 40.9 | 114.8 | 148 500* | 49.3 | 119.8 | 139 900* | 56.6 | 122.6 | 131 300* | | | | 62.0 |
| 64.0 | 26.2 | 102.6 | 94 600* | 37.8 | 112.3 | 142 900* | 46.8 | 118.0 | 134 600* | 54.3 | 121.2 | 126 300* | | | | 64.0 |
| 66.0 | 21.4 | 97.9 | 90 700* | 34.6 | 109.5 | 137 300* | 44.1 | 115.9 | 129 600* | 51.9 | 119.6 | 121 700* | | | | 66.0 |
| 68.0 | 15.0 | 91.5 | 87 700* | 31.0 | 106.3 | 129 900* | 41.3 | 113.7 | 125 000* | 49.5 | 118.0 | 117 200* | | | | 68.0 |
| 70.0 | | | | 27.0 | 102.5 | 123 200* | 38.3 | 111.2 | 120 600* | 46.9 | 116.1 | 113 100* | | | | 70.0 |
| 72.0 | | | | 22.4 | 98.0 | 117 100* | 35.0 | 108.4 | 116 300* | 44.2 | 114.1 | 109 100* | 51.9 | 117.1 | 102 000* | 72.0 |
| 74.0 | | | | 16.4 | 92.0 | 111 700* | 31.5 | 105.3 | 112 300* | 41.4 | 111.8 | 105 300* | 49.4 | 115.4 | 98 400* | 74.0 |
| 76.0 | | | | 5.7 | 80.7 | 112 900* | 27.6 | 101.6 | 108 500* | 38.4 | 109.4 | 101 800* | 46.8 | 113.5 | 95 100* | 76.0 |
| 80.0 | | | | | | | 17.3 | 91.5 | 101 200* | 31.7 | 103.5 | 95 100* | 41.3 | 109.2 | 88 800* | 80.0 |
| 84.0 | | | | | | | | | | 23.3 | 95.5 | 88 900* | 35.1 | 104.0 | 83 100* | 84.0 |
| 88.0 | | | | | | | | | | 8.9 | 80.7 | 82 800* | 27.7 | 97.2 | 77 800* | 88.0 |
| 92.0 | | | | | | | | | | | | | 17.5 | 87.1 | 72 700* | 92.0 |

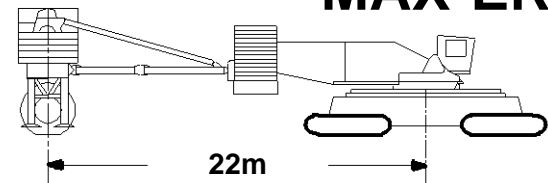
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 74.8 | 141.1 | 198 700* ^b | | | | | | | | | | | | | 27.4 |
| 28.0 | 74.3 | 140.9 | 198 700* ^b | | | | | | | | | | | | | 28.0 |
| 30.0 | 72.5 | 140.3 | 198 700* ^b | | | | | | | | | | | | | 30.0 |
| 32.0 | 70.7 | 139.6 | 198 700* | | | | | | | | | | | | | 32.0 |
| 34.0 | 68.9 | 138.8 | 193 900* | | | | | | | | | | | | | 34.0 |
| 36.0 | 67.0 | 137.9 | 186 600* | | | | | | | | | | | | | 36.0 |
| 38.0 | 65.1 | 137.0 | 179 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 63.2 | 136.0 | 171 400* | 69.2 | 138.0 | 208 800* | | | | | | | | | | 40.0 |
| 42.0 | 61.3 | 134.9 | 163 700* | 67.3 | 137.2 | 208 800* | | | | | | | | | | 42.0 |
| 44.0 | 59.3 | 133.7 | 155 900* | 65.5 | 136.3 | 208 800* | | | | | | | | | | 44.0 |
| 46.0 | 57.2 | 132.5 | 148 300* | 63.6 | 135.3 | 207 400* | | | | | | | | | | 46.0 |
| 48.0 | 55.2 | 131.1 | 140 900* | 61.6 | 134.2 | 197 800* | | | | | | | | | | 48.0 |
| 50.0 | 53.0 | 129.6 | 133 800* | 59.6 | 133.1 | 188 800* | | | | | | | | | | 50.0 |
| 52.0 | 50.8 | 128.0 | 126 800* | 57.6 | 131.8 | 180 600* | 63.8 | 134.0 | 169 800* | | | | | | | 52.0 |
| 54.0 | 48.6 | 126.2 | 120 300* | 55.6 | 130.4 | 172 800* | 61.9 | 132.9 | 162 500* | | | | | | | 54.0 |
| 56.0 | 46.2 | 124.3 | 114 100* | 53.4 | 129.0 | 165 700* | 59.9 | 131.8 | 155 700* | | | | | | | 56.0 |
| 58.0 | 43.8 | 122.3 | 108 200* | 51.3 | 127.4 | 159 000* | 57.9 | 130.5 | 149 400* | | | | | | | 58.0 |
| 60.0 | 41.2 | 120.0 | 102 800* | 49.0 | 125.7 | 152 700* | 55.8 | 129.2 | 143 500* | | | | | | | 60.0 |
| 62.0 | 38.5 | 117.5 | 97 600* | 46.7 | 123.8 | 146 900* | 53.7 | 127.7 | 137 900* | | | | | | | 62.0 |
| 64.0 | 35.6 | 114.8 | 92 900* | 44.2 | 121.8 | 141 400* | 51.5 | 126.1 | 132 700* | 58.0 | 128.6 | 124 200* | | | | 64.0 |
| 66.0 | 32.4 | 111.7 | 88 600* | 41.7 | 119.5 | 136 100* | 49.3 | 124.4 | 127 800* | 56.0 | 127.3 | 119 500* | | | | 66.0 |
| 68.0 | 29.0 | 108.2 | 84 600* | 39.0 | 117.1 | 130 400* | 47.0 | 122.6 | 123 200* | 53.9 | 125.8 | 115 200* | | | | 68.0 |
| 70.0 | 25.1 | 104.2 | 81 100* | 36.1 | 114.4 | 123 700* | 44.6 | 120.6 | 118 800* | 51.7 | 124.2 | 111 000* | | | | 70.0 |
| 72.0 | 20.6 | 99.2 | 78 000* | 33.0 | 111.4 | 117 500* | 42.0 | 118.4 | 114 600* | 49.4 | 122.6 | 107 100* | | | | 72.0 |
| 74.0 | 14.6 | 92.6 | 75 700* | 29.7 | 108.0 | 111 600* | 39.4 | 116.0 | 110 700* | 47.1 | 120.7 | 103 400* | 53.8 | 123.2 | 96 300* | 74.0 |
| 76.0 | | | | 25.9 | 104.1 | 106 200* | 36.5 | 113.4 | 106 900* | 44.7 | 118.7 | 99 900* | 51.6 | 121.7 | 92 900* | 76.0 |
| 80.0 | | | | 15.9 | 93.1 | 97 000* | 30.1 | 107.1 | 99 900* | 39.5 | 114.2 | 93 300* | 47.0 | 118.1 | 86 700* | 80.0 |
| 84.0 | | | | | | | 22.1 | 98.6 | 93 400* | 33.7 | 108.6 | 87 300* | 42.1 | 113.9 | 81 100* | 84.0 |
| 88.0 | | | | | | | 8.3 | 83.0 | 87 100* | 26.7 | 101.5 | 81 700* | 36.6 | 108.9 | 76 000* | 88.0 |
| 92.0 | | | | | | | | | | 17.1 | 91.1 | 76 500* | 30.2 | 102.6 | 71 100* | 92.0 |
| 96.0 | | | | | | | | | | | | | 22.2 | 94.2 | 66 600* | 96.0 |
| 100.0 | | | | | | | | | | | | | 8.6 | 78.8 | 62 000* | 100.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

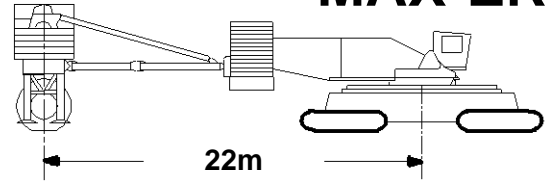


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.9 | 147.0 | 176 200*(b) | | | | | | | | | | | | | 29.0 |
| 30.0 | 74.0 | 146.7 | 176 200* | | | | | | | | | | | | | 30.0 |
| 32.0 | 72.4 | 146.0 | 176 200* | | | | | | | | | | | | | 32.0 |
| 34.0 | 70.7 | 145.3 | 176 200* | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.0 | 144.6 | 173 600* | | | | | | | | | | | | | 36.0 |
| 38.0 | 67.3 | 143.7 | 167 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 65.6 | 142.8 | 161 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 63.9 | 141.8 | 155 600* | | | | | | | | | | | | | 42.0 |
| 44.0 | 62.1 | 140.8 | 149 200* | 67.6 | 143.0 | 185 100* | | | | | | | | | | 44.0 |
| 46.0 | 60.3 | 139.7 | 142 900* | 65.9 | 142.1 | 185 100* | | | | | | | | | | 46.0 |
| 48.0 | 58.5 | 138.4 | 136 400* | 64.2 | 141.1 | 185 100* | | | | | | | | | | 48.0 |
| 50.0 | 56.6 | 137.1 | 130 200* | 62.4 | 140.1 | 183 900* | | | | | | | | | | 50.0 |
| 52.0 | 54.7 | 135.7 | 124 200* | 60.6 | 139.0 | 179 000* | | | | | | | | | | 52.0 |
| 54.0 | 52.7 | 134.2 | 118 300* | 58.8 | 137.8 | 171 200* | 64.4 | 139.8 | 160 700* | | | | | | | 54.0 |
| 56.0 | 50.7 | 132.6 | 112 600* | 56.9 | 136.5 | 164 100* | 62.7 | 138.8 | 153 900* | | | | | | | 56.0 |
| 58.0 | 48.6 | 130.8 | 107 200* | 55.0 | 135.1 | 157 400* | 60.9 | 137.7 | 147 600* | | | | | | | 58.0 |
| 60.0 | 46.5 | 128.9 | 102 000* | 53.1 | 133.6 | 151 200* | 59.0 | 136.5 | 141 800* | | | | | | | 60.0 |
| 62.0 | 44.2 | 126.9 | 97 100* | 51.1 | 132.0 | 145 400* | 57.2 | 135.2 | 136 200* | | | | | | | 62.0 |
| 64.0 | 41.9 | 124.7 | 92 500* | 49.0 | 130.3 | 139 900* | 55.3 | 133.8 | 131 000* | | | | | | | 64.0 |
| 66.0 | 39.4 | 122.3 | 88 200* | 46.9 | 128.4 | 134 700* | 53.3 | 132.3 | 126 200* | 59.2 | 134.6 | 117 700* | | | | 66.0 |
| 68.0 | 36.9 | 119.7 | 84 200* | 44.6 | 126.4 | 129 800* | 51.3 | 130.7 | 121 500* | 57.3 | 133.3 | 113 400* | | | | 68.0 |
| 70.0 | 34.1 | 116.8 | 80 400* | 42.3 | 124.2 | 124 400* | 49.3 | 129.0 | 117 200* | 55.4 | 131.9 | 109 200* | | | | 70.0 |
| 72.0 | 31.1 | 113.6 | 77 000* | 39.9 | 121.9 | 118 600* | 47.1 | 127.2 | 113 000* | 53.5 | 130.4 | 105 400* | | | | 72.0 |
| 74.0 | 27.9 | 109.9 | 73 900* | 37.4 | 119.3 | 113 000* | 44.9 | 125.2 | 109 100* | 51.5 | 128.9 | 101 700* | | | | 74.0 |
| 76.0 | 24.2 | 105.7 | 71 100* | 34.6 | 116.5 | 107 700* | 42.6 | 123.1 | 105 400* | 49.4 | 127.2 | 98 200* | | | | 76.0 |
| 80.0 | 14.3 | 93.7 | 66 900* | 28.5 | 109.7 | 98 100* | 37.7 | 118.2 | 98 500* | 45.1 | 123.3 | 91 700* | 51.4 | 126.3 | 85 000* | 80.0 |
| 84.0 | | | | 20.8 | 100.7 | 89 700* | 32.1 | 112.3 | 92 200* | 40.4 | 118.9 | 85 700* | 47.2 | 122.7 | 79 400* | 84.0 |
| 88.0 | | | | 6.8 | 83.3 | 85 400* | 25.4 | 104.8 | 86 300* | 35.2 | 113.6 | 80 300* | 42.7 | 118.6 | 74 300* | 88.0 |
| 92.0 | | | | | | | 16.3 | 93.8 | 80 800* | 29.2 | 107.0 | 75 300* | 37.8 | 113.7 | 69 600* | 92.0 |
| 96.0 | | | | | | | | | | 21.6 | 98.3 | 70 500* | 32.2 | 107.8 | 65 200* | 96.0 |
| 100.0 | | | | | | | | | | 9.2 | 82.9 | 65 800* | 25.5 | 100.3 | 61 100* | 100.0 |
| 104.0 | | | | | | | | | | | | | 16.4 | 89.5 | 57 200* | 104.0 |

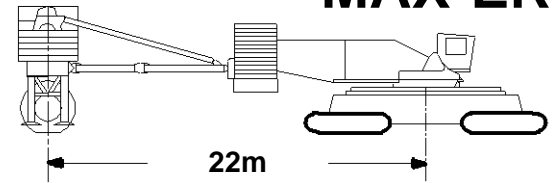
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.9 | 152.9 | 155 400* | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.8 | 152.4 | 155 400* | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.2 | 151.8 | 155 400* | | | | | | | | | | | | | 34.0 |
| 36.0 | 70.7 | 151.1 | 155 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 69.2 | 150.3 | 155 200* | | | | | | | | | | | | | 38.0 |
| 40.0 | 67.6 | 149.5 | 150 800* | | | | | | | | | | | | | 40.0 |
| 42.0 | 66.0 | 148.6 | 146 000* | | | | | | | | | | | | | 42.0 |
| 44.0 | 64.4 | 147.7 | 140 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 62.8 | 146.6 | 135 700* | 67.9 | 148.8 | 161 400* | | | | | | | | | | 46.0 |
| 48.0 | 61.1 | 145.5 | 130 500* | 66.3 | 147.9 | 161 400* | | | | | | | | | | 48.0 |
| 50.0 | 59.5 | 144.4 | 125 200* | 64.7 | 146.9 | 161 400* | | | | | | | | | | 50.0 |
| 52.0 | 57.8 | 143.1 | 119 900* | 63.1 | 145.9 | 161 400* | | | | | | | | | | 52.0 |
| 54.0 | 56.0 | 141.8 | 114 700* | 61.5 | 144.8 | 161 100* | | | | | | | | | | 54.0 |
| 56.0 | 54.2 | 140.3 | 109 600* | 59.8 | 143.7 | 158 600* | | | | | | | | | | 56.0 |
| 58.0 | 52.4 | 138.8 | 104 800* | 58.1 | 142.4 | 153 900* | 63.3 | 144.6 | 145 600* | | | | | | | 58.0 |
| 60.0 | 50.6 | 137.2 | 100 100* | 56.3 | 141.1 | 149 100* | 61.7 | 143.5 | 139 700* | | | | | | | 60.0 |
| 62.0 | 48.6 | 135.4 | 95 500* | 54.6 | 139.7 | 143 600* | 60.0 | 142.4 | 134 200* | | | | | | | 62.0 |
| 64.0 | 46.7 | 133.6 | 91 200* | 52.8 | 138.2 | 138 100* | 58.3 | 141.2 | 129 000* | | | | | | | 64.0 |
| 66.0 | 44.6 | 131.5 | 87 000* | 50.9 | 136.6 | 132 900* | 56.6 | 139.8 | 124 200* | | | | | | | 66.0 |
| 68.0 | 42.5 | 129.4 | 83 100* | 49.0 | 134.9 | 128 100* | 54.8 | 138.4 | 119 600* | | | | | | | 68.0 |
| 70.0 | 40.3 | 127.1 | 79 500* | 47.0 | 133.0 | 123 100* | 53.0 | 136.9 | 115 200* | 58.4 | 139.2 | 107 100* | | | | 70.0 |
| 72.0 | 37.9 | 124.5 | 76 000* | 45.0 | 131.0 | 117 800* | 51.2 | 135.3 | 111 200* | 56.7 | 137.9 | 103 300* | | | | 72.0 |
| 74.0 | 35.5 | 121.8 | 72 800* | 42.9 | 128.9 | 112 700* | 49.3 | 133.6 | 107 300* | 54.9 | 136.5 | 99 600* | | | | 74.0 |
| 76.0 | 32.8 | 118.7 | 69 800* | 40.7 | 126.6 | 107 700* | 47.3 | 131.8 | 103 600* | 53.1 | 135.0 | 96 100* | | | | 76.0 |
| 80.0 | 26.9 | 111.6 | 64 500* | 35.9 | 121.4 | 98 500* | 43.2 | 127.7 | 96 700* | 49.4 | 131.8 | 89 700* | | | | 80.0 |
| 84.0 | 19.3 | 101.8 | 60 300* | 30.5 | 115.1 | 90 000* | 38.7 | 123.0 | 90 500* | 45.4 | 128.0 | 83 800* | 51.2 | 130.9 | 77 300* | 84.0 |
| 88.0 | | | | 24.1 | 107.1 | 82 600* | 33.7 | 117.4 | 84 800* | 41.1 | 123.6 | 78 500* | 47.3 | 127.3 | 72 200* | 88.0 |
| 92.0 | | | | 15.1 | 95.4 | 76 600* | 27.9 | 110.5 | 79 500* | 36.4 | 118.5 | 73 500* | 43.2 | 123.3 | 67 600* | 92.0 |
| 96.0 | | | | | | | 20.7 | 101.3 | 74 500* | 31.1 | 112.3 | 69 000* | 38.7 | 118.5 | 63 300* | 96.0 |
| 100.0 | | | | | | | 8.7 | 85.2 | 69 600* | 24.8 | 104.6 | 64 600* | 33.8 | 112.9 | 59 400* | 100.0 |
| 104.0 | | | | | | | | | | 16.2 | 93.4 | 60 500* | 28.0 | 106.0 | 55 600* | 104.0 |
| 108.0 | | | | | | | | | | | | | 20.8 | 96.9 | 52 100* | 108.0 |
| 112.0 | | | | | | | | | | | | | 8.9 | 81.0 | 48 400* | 112.0 |

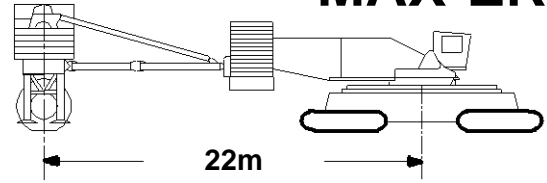


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

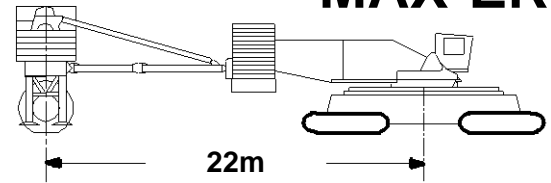
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 75.0 | 158.8 | 137 800* | | | | | | | | | | | | | 32.0 |
| 34.0 | 73.6 | 158.2 | 137 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.1 | 157.5 | 137 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.7 | 156.8 | 137 800* | | | | | | | | | | | | | 38.0 |
| 40.0 | 69.3 | 156.1 | 137 700* | | | | | | | | | | | | | 40.0 |
| 42.0 | 67.8 | 155.3 | 136 100* | | | | | | | | | | | | | 42.0 |
| 44.0 | 66.4 | 154.4 | 131 800* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.9 | 153.5 | 127 700* | 69.6 | 155.3 | 141 500* | | | | | | | | | | 46.0 |
| 48.0 | 63.4 | 152.5 | 123 400* | 68.1 | 154.5 | 141 500* | | | | | | | | | | 48.0 |
| 50.0 | 61.9 | 151.4 | 119 100* | 66.6 | 153.7 | 141 500* | | | | | | | | | | 50.0 |
| 52.0 | 60.3 | 150.3 | 114 700* | 65.2 | 152.7 | 141 500* | | | | | | | | | | 52.0 |
| 54.0 | 58.8 | 149.1 | 110 300* | 63.7 | 151.8 | 141 500* | | | | | | | | | | 54.0 |
| 56.0 | 57.2 | 147.8 | 105 900* | 62.2 | 150.7 | 141 500* | | | | | | | | | | 56.0 |
| 58.0 | 55.5 | 146.4 | 101 600* | 60.6 | 149.6 | 137 800* | | | | | | | | | | 58.0 |
| 60.0 | 53.9 | 145.0 | 97 400* | 59.0 | 148.4 | 132 900* | 63.9 | 150.4 | 138 100* | | | | | | | 60.0 |
| 62.0 | 52.2 | 143.4 | 93 300* | 57.5 | 147.1 | 128 000* | 62.4 | 149.4 | 132 500* | | | | | | | 62.0 |
| 64.0 | 50.4 | 141.8 | 89 300* | 55.8 | 145.8 | 123 100* | 60.8 | 148.3 | 127 400* | | | | | | | 64.0 |
| 66.0 | 48.7 | 140.0 | 85 500* | 54.2 | 144.3 | 118 100* | 59.3 | 147.1 | 122 600* | | | | | | | 66.0 |
| 68.0 | 46.8 | 138.2 | 81 900* | 52.5 | 142.8 | 113 200* | 57.7 | 145.8 | 118 000* | | | | | | | 68.0 |
| 70.0 | 44.9 | 136.2 | 78 400* | 50.8 | 141.2 | 108 500* | 56.1 | 144.5 | 113 700* | | | | | | | 70.0 |
| 72.0 | 43.0 | 134.1 | 75 000* | 49.0 | 139.5 | 103 800* | 54.4 | 143.1 | 109 600* | 59.4 | 145.2 | 101 600* | | | | 72.0 |
| 74.0 | 40.9 | 131.8 | 71 900* | 47.2 | 137.6 | 99 300* | 52.7 | 141.6 | 105 800* | 57.8 | 143.9 | 97 900* | | | | 74.0 |
| 76.0 | 38.8 | 129.3 | 68 900* | 45.3 | 135.7 | 94 900* | 51.0 | 140.0 | 102 100* | 56.2 | 142.6 | 94 500* | | | | 76.0 |
| 80.0 | 34.2 | 123.8 | 63 500* | 41.3 | 131.3 | 86 500* | 47.4 | 136.4 | 95 300* | 52.8 | 139.7 | 88 100* | | | | 80.0 |
| 84.0 | 29.0 | 117.1 | 58 800* | 37.0 | 126.3 | 78 800* | 43.6 | 132.4 | 89 100* | 49.3 | 136.3 | 82 300* | 54.4 | 138.6 | 75 600* | 84.0 |
| 88.0 | 22.7 | 108.6 | 54 900* | 32.2 | 120.3 | 71 700* | 39.5 | 127.8 | 83 400* | 45.7 | 132.6 | 77 000* | 51.0 | 135.5 | 70 600* | 88.0 |
| 92.0 | 13.8 | 95.9 | 52 200* | 26.6 | 113.0 | 65 200* | 35.0 | 122.4 | 76 500* | 41.7 | 128.3 | 72 000* | 47.5 | 131.9 | 66 000* | 92.0 |
| 96.0 | | | | 19.6 | 103.3 | 59 400* | 29.9 | 115.9 | 69 600* | 37.4 | 123.4 | 67 500* | 43.6 | 127.9 | 61 800* | 96.0 |
| 100.0 | | | | | | | 23.8 | 107.8 | 63 400* | 32.7 | 117.5 | 63 400* | 39.5 | 123.3 | 57 900* | 100.0 |
| 104.0 | | | | | | | 15.5 | 96.2 | 58 000* | 27.2 | 110.4 | 59 400* | 35.0 | 117.9 | 54 200* | 104.0 |
| 108.0 | | | | | | | | | | 20.3 | 101.0 | 55 700* | 29.9 | 111.5 | 50 800* | 108.0 |
| 112.0 | | | | | | | | | | 9.3 | 85.1 | 52 000* | 23.9 | 103.4 | 47 600* | 112.0 |
| 116.0 | | | | | | | | | | | | | 15.6 | 91.8 | 44 400* | 116.0 |

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

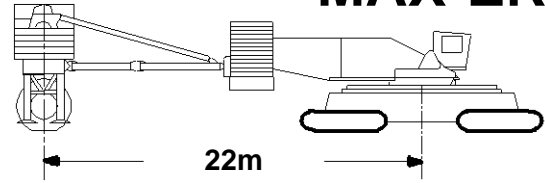
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 75.0 | 164.7 | 122 000* | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.7 | 164.5 | 122 000* | | | | | | | | | | | | | 34.0 |
| 36.0 | 73.4 | 163.9 | 122 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 72.1 | 163.3 | 122 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.7 | 162.6 | 122 000* | | | | | | | | | | | | | 40.0 |
| 42.0 | 69.4 | 161.8 | 122 000* | | | | | | | | | | | | | 42.0 |
| 44.0 | 68.0 | 161.0 | 121 800* | | | | | | | | | | | | | 44.0 |
| 46.0 | 66.7 | 160.2 | 118 900* | | | | | | | | | | | | | 46.0 |
| 48.0 | 65.3 | 159.3 | 115 500* | | | | | | | | | | | | | 48.0 |
| 50.0 | 63.9 | 158.3 | 112 100* | 68.3 | 160.3 | 124 800* | | | | | | | | | | 50.0 |
| 52.0 | 62.5 | 157.3 | 108 500* | 66.9 | 159.4 | 124 800* | | | | | | | | | | 52.0 |
| 54.0 | 61.1 | 156.1 | 104 900* | 65.6 | 158.5 | 124 800* | | | | | | | | | | 54.0 |
| 56.0 | 59.6 | 155.0 | 101 200* | 64.2 | 157.6 | 123 900* | | | | | | | | | | 56.0 |
| 58.0 | 58.1 | 153.7 | 97 500* | 62.8 | 156.5 | 119 900* | | | | | | | | | | 58.0 |
| 60.0 | 56.6 | 152.4 | 93 900* | 61.3 | 155.5 | 115 200* | | | | | | | | | | 60.0 |
| 62.0 | 55.1 | 151.0 | 90 300* | 59.9 | 154.3 | 110 500* | | | | | | | | | | 62.0 |
| 64.0 | 53.6 | 149.6 | 86 800* | 58.4 | 153.1 | 105 800* | 62.9 | 155.2 | 117 700* | | | | | | | 64.0 |
| 66.0 | 52.0 | 148.0 | 83 300* | 56.9 | 151.8 | 101 100* | 61.5 | 154.2 | 114 000* | | | | | | | 66.0 |
| 68.0 | 50.3 | 146.4 | 80 000* | 55.4 | 150.4 | 96 500* | 60.1 | 153.0 | 110 100* | | | | | | | 68.0 |
| 70.0 | 48.7 | 144.6 | 76 700* | 53.8 | 149.0 | 91 800* | 58.6 | 151.8 | 105 900* | | | | | | | 70.0 |
| 72.0 | 47.0 | 142.8 | 72 900* | 52.3 | 147.4 | 87 500* | 57.1 | 150.5 | 101 500* | | | | | | | 72.0 |
| 74.0 | 45.2 | 140.8 | 69 100* | 50.6 | 145.8 | 83 200* | 55.6 | 149.1 | 97 200* | | | | | | | 74.0 |
| 76.0 | 43.4 | 138.7 | 65 500* | 49.0 | 144.1 | 79 000* | 54.1 | 147.7 | 92 700* | 58.7 | 149.9 | 92 400* | | | | 76.0 |
| 80.0 | 39.6 | 134.1 | 58 600* | 45.5 | 140.3 | 71 000* | 50.9 | 144.6 | 84 100* | 55.7 | 147.2 | 86 000* | | | | 80.0 |
| 84.0 | 35.4 | 128.7 | 52 200* | 41.9 | 136.0 | 63 600* | 47.5 | 141.0 | 76 000* | 52.6 | 144.3 | 80 200* | | | | 84.0 |
| 88.0 | 30.7 | 122.4 | 46 300* | 37.9 | 131.1 | 56 800* | 44.0 | 137.0 | 68 300* | 49.3 | 140.9 | 75 000* | 54.1 | 143.2 | 68 500* | 88.0 |
| 92.0 | 25.3 | 114.7 | 41 000* | 33.6 | 125.4 | 50 500* | 40.2 | 132.5 | 61 100* | 45.9 | 137.2 | 70 100* | 50.9 | 140.1 | 63 900* | 92.0 |
| 96.0 | 18.3 | 104.4 | 36 300* | 28.6 | 118.6 | 44 800* | 36.1 | 127.3 | 54 500* | 42.2 | 133.0 | 64 900* | 47.6 | 136.5 | 59 700* | 96.0 |
| 100.0 | | | | 22.7 | 110.0 | 39 600* | 31.5 | 121.2 | 48 500* | 38.3 | 128.2 | 58 100* | 44.0 | 132.6 | 55 900* | 100.0 |
| 104.0 | | | | 14.5 | 97.7 | 35 100* | 26.2 | 113.7 | 43 000* | 34.0 | 122.6 | 51 900* | 40.2 | 128.0 | 52 300* | 104.0 |
| 108.0 | | | | | | | 19.6 | 103.9 | 38 000* | 29.1 | 115.9 | 46 100* | 36.1 | 122.8 | 48 900* | 108.0 |
| 112.0 | | | | | | | 8.9 | 87.4 | 34 000* | 23.3 | 107.5 | 40 800* | 31.6 | 116.7 | 45 800* | 112.0 |
| 116.0 | | | | | | | | | | 15.5 | 95.8 | 36 300* | 26.3 | 109.3 | 42 800* | 116.0 |
| 120.0 | | | | | | | | | | | | | 19.7 | 99.5 | 38 500* | 120.0 |
| 124.0 | | | | | | | | | | | | | 9.1 | 83.2 | 34 600* | 124.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 64.6 | 115.3 | 299 400*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 61.0 | 114.2 | 287 400*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 57.3 | 112.9 | 270 200*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 53.4 | 111.5 | 252 100*b | | | c | | | | | | | | | | 32.0 |
| 34.0 | 49.3 | 109.8 | 235 200*b | 62.7 | 113.7 | 294 900*b | | | | | | | | | | 34.0 |
| 36.0 | 44.9 | 107.8 | 219 300* | 59.0 | 112.6 | 277 300*b | | | | | | | | | | 36.0 |
| 38.0 | 40.2 | 105.5 | 204 800* | 55.2 | 111.2 | 261 700*b | | | | | | | | | | 38.0 |
| 40.0 | 34.8 | 102.7 | 191 600* | 51.2 | 109.6 | 247 600*b | 64.1 | 112.6 | 234 100*b | | | | | | | 40.0 |
| 42.0 | 28.6 | 99.3 | 180 400* | 47.0 | 107.8 | 234 800* | 60.5 | 111.5 | 221 900*b | | | | | | | 42.0 |
| 44.0 | 20.6 | 94.6 | 171 200* | 42.4 | 105.6 | 223 000* | 56.7 | 110.2 | 210 900*b | | | | | | | 44.0 |
| 46.0 | | | | 37.3 | 103.1 | 212 200* | 52.8 | 108.7 | 200 700*b | | | | | | | 46.0 |
| 48.0 | | | | 31.5 | 100.0 | 202 200* | 48.7 | 106.9 | 191 400*b | | | | | | | 48.0 |
| 50.0 | | | | 24.5 | 96.0 | 192 900* | 44.2 | 104.9 | 182 700* | | | | | | | 50.0 |
| 52.0 | | | | | | | 39.4 | 102.6 | 174 700* | 54.1 | 107.0 | 164 700*b | | | | 52.0 |
| 54.0 | | | | | | | 33.9 | 99.7 | 167 200* | 50.0 | 105.4 | 157 700*b | | | | 54.0 |
| 56.0 | | | | | | | 27.5 | 96.1 | 160 100* | 45.7 | 103.4 | 151 100* | | | | 56.0 |
| 58.0 | | | | | | | 19.0 | 91.1 | 153 300* | 40.9 | 101.2 | 145 000* | 54.9 | 104.6 | 136 200*b | 58.0 |
| 60.0 | | | | | | | | | | 35.7 | 98.5 | 139 200* | 50.9 | 103.0 | 130 800*b | 60.0 |
| 62.0 | | | | | | | | | | 29.6 | 95.2 | 133 600* | 46.6 | 101.1 | 125 700* | 62.0 |
| 64.0 | | | | | | | | | | 22.0 | 90.8 | 128 300* | 42.0 | 99.0 | 120 900* | 64.0 |
| 66.0 | | | | | | | | | | | | | 36.8 | 96.4 | 116 400* | 66.0 |
| 68.0 | | | | | | | | | | | | | 31.0 | 93.2 | 112 000* | 68.0 |
| 70.0 | | | | | | | | | | | | | 23.8 | 89.1 | 107 800* | 70.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

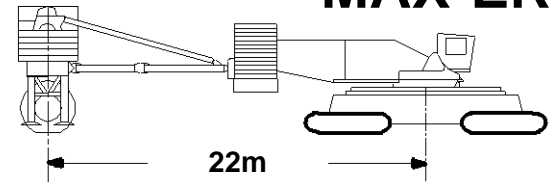
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | 68.5 | 122.0 | 284 300*b | | | | | | | | | | | | | 26.0 |
| 28.0 | 65.5 | 121.1 | 270 500*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 62.5 | 120.1 | 255 500*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 59.4 | 118.9 | 240 400*b | | | c | | | | | | | | | | 32.0 |
| 34.0 | 56.2 | 117.6 | 225 600*b | 66.9 | 120.6 | 284 000*b | | | | | | | | | | 34.0 |
| 36.0 | 52.8 | 116.1 | 211 400* | 63.9 | 119.6 | 274 500*b | | | | | | | | | | 36.0 |
| 38.0 | 49.3 | 114.4 | 197 800* | 60.8 | 118.5 | 260 200*b | | | | | | | | | | 38.0 |
| 40.0 | 45.6 | 112.4 | 185 200* | 57.6 | 117.2 | 246 000*b | | | | | | | | | | 40.0 |
| 42.0 | 41.6 | 110.2 | 173 500* | 54.3 | 115.8 | 233 300* | | | | | | | | | | 42.0 |
| 44.0 | 37.2 | 107.7 | 162 800* | 50.9 | 114.2 | 221 700* | 62.0 | 117.4 | 208 900*b | | | | | | | 44.0 |
| 46.0 | 32.3 | 104.6 | 153 300* | 47.3 | 112.4 | 211 000* | 58.9 | 116.2 | 198 800*b | | | | | | | 46.0 |
| 48.0 | 26.6 | 100.9 | 145 000* | 43.4 | 110.3 | 201 200* | 55.6 | 114.8 | 189 600*b | | | | | | | 48.0 |
| 50.0 | 19.3 | 95.9 | 138 300* | 39.2 | 107.9 | 192 100* | 52.3 | 113.3 | 181 100* | | | | | | | 50.0 |
| 52.0 | | | | 34.6 | 105.1 | 183 700* | 48.7 | 111.5 | 173 200* | | | | | | | 52.0 |
| 54.0 | | | | 29.3 | 101.7 | 175 700* | 45.0 | 109.6 | 165 800* | 56.7 | 113.1 | 155 700*b | | | | 54.0 |
| 56.0 | | | | 22.9 | 97.4 | 168 300* | 40.9 | 107.3 | 158 900* | 53.3 | 111.6 | 149 200* | | | | 56.0 |
| 58.0 | | | | | | | 36.5 | 104.7 | 152 500* | 49.8 | 110.0 | 143 200* | | | | 58.0 |
| 60.0 | | | | | | | 31.5 | 101.6 | 146 400* | 46.2 | 108.1 | 137 500* | | | | 60.0 |
| 62.0 | | | | | | | 25.6 | 97.7 | 140 600* | 42.2 | 105.9 | 132 200* | | | | 62.0 |
| 64.0 | | | | | | | 17.9 | 92.3 | 135 000* | 37.9 | 103.4 | 127 200* | 50.6 | 107.6 | 119 000* | 64.0 |
| 66.0 | | | | | | | | | | 33.1 | 100.5 | 122 400* | 46.9 | 105.8 | 114 600* | 66.0 |
| 68.0 | | | | | | | | | | 27.6 | 96.9 | 117 800* | 43.0 | 103.7 | 110 400* | 68.0 |
| 70.0 | | | | | | | | | | 20.6 | 92.1 | 113 400* | 38.8 | 101.2 | 106 400* | 70.0 |
| 72.0 | | | | | | | | | | | | | 34.2 | 98.4 | 102 600* | 72.0 |
| 74.0 | | | | | | | | | | | | | 28.8 | 94.9 | 98 900* | 74.0 |
| 76.0 | | | | | | | | | | | | | 22.3 | 90.5 | 95 300* | 76.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

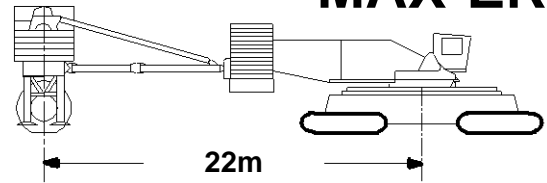


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | ^c | | | | | | | | | | | | | 24.4 |
| 26.0 | 71.3 | 128.6 | 260 500* ^b | | | | | | | | | | | | | 26.0 |
| 28.0 | 68.8 | 127.8 | 252 400* ^b | | | | | | | | | | | | | 28.0 |
| 30.0 | 66.2 | 126.9 | 240 400* ^b | | | | | | | | | | | | | 30.0 |
| 32.0 | 63.6 | 125.9 | 228 100* ^b | | | | | | | | | | | | | 32.0 |
| 34.0 | 60.9 | 124.8 | 215 700* ^b | | | | | | | | | | | | | 34.0 |
| 36.0 | 58.1 | 123.6 | 203 400* ^b | 67.4 | 126.3 | 259 900* ^b | | | | | | | | | | 36.0 |
| 38.0 | 55.3 | 122.2 | 191 500* ^b | 64.8 | 125.4 | 253 200* ^b | | | | | | | | | | 38.0 |
| 40.0 | 52.3 | 120.7 | 180 000* | 62.1 | 124.4 | 245 200* ^b | | | | | | | | | | 40.0 |
| 42.0 | 49.2 | 119.0 | 169 100* | 59.4 | 123.2 | 232 100* | | | | | | | | | | 42.0 |
| 44.0 | 46.0 | 117.1 | 158 900* | 56.6 | 121.9 | 220 600* | | | | | | | | | | 44.0 |
| 46.0 | 42.6 | 114.9 | 149 300* | 53.7 | 120.4 | 210 000* | 63.2 | 123.2 | 197 400* ^b | | | | | | | 46.0 |
| 48.0 | 38.9 | 112.5 | 140 600* | 50.7 | 118.8 | 200 200* | 60.5 | 122.1 | 188 200* ^b | | | | | | | 48.0 |
| 50.0 | 34.8 | 109.7 | 132 700* | 47.5 | 117.0 | 191 200* | 57.7 | 120.8 | 179 700* | | | | | | | 50.0 |
| 52.0 | 30.3 | 106.4 | 125 500* | 44.1 | 115.0 | 182 900* | 54.8 | 119.4 | 171 900* | | | | | | | 52.0 |
| 54.0 | 25.1 | 102.4 | 119 400* | 40.6 | 112.7 | 175 200* | 51.9 | 117.9 | 164 600* | | | | | | | 54.0 |
| 56.0 | 18.4 | 97.1 | 114 400* | 36.7 | 110.1 | 167 900* | 48.8 | 116.1 | 157 800* | | | | | | | 56.0 |
| 58.0 | | | | 32.4 | 107.0 | 161 100* | 45.5 | 114.2 | 151 500* | 55.7 | 117.7 | 141 800* | | | | 58.0 |
| 60.0 | | | | 27.6 | 103.4 | 153 700* | 42.0 | 112.0 | 145 500* | 52.8 | 116.2 | 136 200* | | | | 60.0 |
| 62.0 | | | | 21.6 | 98.8 | 145 400* | 38.3 | 109.6 | 139 900* | 49.7 | 114.6 | 130 900* | | | | 62.0 |
| 64.0 | | | | 13.2 | 91.9 | 138 700* | 34.2 | 106.7 | 134 600* | 46.5 | 112.7 | 126 000* | | | | 64.0 |
| 66.0 | | | | | | | 29.6 | 103.3 | 129 600* | 43.1 | 110.6 | 121 400* | 53.4 | 113.8 | 113 100* | 66.0 |
| 68.0 | | | | | | | 24.1 | 99.2 | 124 800* | 39.5 | 108.2 | 117 000* | 50.4 | 112.2 | 109 000* | 68.0 |
| 70.0 | | | | | | | 17.1 | 93.5 | 120 100* | 35.5 | 105.5 | 112 700* | 47.2 | 110.4 | 105 100* | 70.0 |
| 72.0 | | | | | | | | | | 31.1 | 102.3 | 108 800* | 43.8 | 108.3 | 101 400* | 72.0 |
| 74.0 | | | | | | | | | | 26.0 | 98.4 | 104 900* | 40.2 | 106.0 | 97 900* | 74.0 |
| 76.0 | | | | | | | | | | 19.6 | 93.4 | 101 200* | 36.4 | 103.4 | 94 500* | 76.0 |
| 80.0 | | | | | | | | | | | | | 27.1 | 96.6 | 88 100* | 80.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

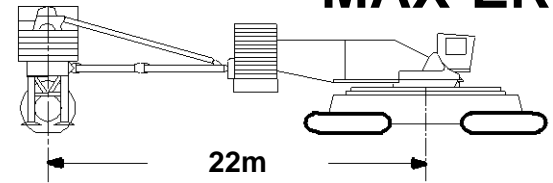
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | 73.5 | 135.0 | 231 400* b | | | | | | | | | | | | | 25.9 |
| 26.0 | 73.4 | 135.0 | 231 400* b | | | | | | | | | | | | | 26.0 |
| 28.0 | 71.2 | 134.3 | 230 300* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 69.0 | 133.5 | 224 100* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 66.7 | 132.7 | 214 200* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 64.4 | 131.7 | 204 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 62.1 | 130.7 | 193 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 59.6 | 129.5 | 183 600* | 67.8 | 132.1 | 240 300* b | | | | | | | | | | 38.0 |
| 40.0 | 57.2 | 128.2 | 173 600* | 65.5 | 131.2 | 234 700* b | | | | | | | | | | 40.0 |
| 42.0 | 54.6 | 126.8 | 164 000* | 63.1 | 130.2 | 228 600* | | | | | | | | | | 42.0 |
| 44.0 | 52.0 | 125.3 | 154 600* | 60.7 | 129.1 | 218 900* | | | | | | | | | | 44.0 |
| 46.0 | 49.2 | 123.6 | 145 800* | 58.3 | 127.9 | 208 100* | | | | | | | | | | 46.0 |
| 48.0 | 46.4 | 121.7 | 137 400* | 55.8 | 126.5 | 198 500* | 64.1 | 129.0 | 186 100* | | | | | | | 48.0 |
| 50.0 | 43.3 | 119.6 | 129 600* | 53.2 | 125.0 | 189 500* | 61.7 | 128.0 | 177 600* | | | | | | | 50.0 |
| 52.0 | 40.1 | 117.3 | 122 500* | 50.5 | 123.4 | 181 300* | 59.3 | 126.8 | 169 900* | | | | | | | 52.0 |
| 54.0 | 36.7 | 114.7 | 115 800* | 47.7 | 121.6 | 173 600* | 56.8 | 125.5 | 162 600* | | | | | | | 54.0 |
| 56.0 | 32.9 | 111.7 | 109 800* | 44.7 | 119.6 | 166 400* | 54.2 | 124.1 | 155 900* | | | | | | | 56.0 |
| 58.0 | 28.7 | 108.2 | 104 400* | 41.6 | 117.4 | 159 700* | 51.5 | 122.5 | 149 600* | | | | | | | 58.0 |
| 60.0 | 23.8 | 103.9 | 99 700* | 38.3 | 114.9 | 152 800* | 48.8 | 120.7 | 143 700* | 57.6 | 123.8 | 134 000* | | | | 60.0 |
| 62.0 | 17.6 | 98.3 | 95 900* | 34.7 | 112.1 | 144 300* | 45.9 | 118.8 | 138 200* | 55.0 | 122.4 | 128 800* | | | | 62.0 |
| 64.0 | 6.7 | 88.1 | 94 100* | 30.7 | 108.8 | 136 400* | 42.8 | 116.7 | 133 000* | 52.4 | 120.8 | 124 000* | | | | 64.0 |
| 66.0 | | | | 26.1 | 105.0 | 129 300* | 39.6 | 114.3 | 128 100* | 49.7 | 119.2 | 119 400* | | | | 66.0 |
| 68.0 | | | | 20.6 | 100.1 | 123 000* | 36.1 | 111.7 | 123 400* | 46.8 | 117.3 | 115 100* | | | | 68.0 |
| 70.0 | | | | 12.9 | 93.0 | 117 700* | 32.3 | 108.6 | 119 000* | 43.8 | 115.2 | 111 000* | 52.9 | 118.4 | 102 900* | 70.0 |
| 72.0 | | | | | | | 28.0 | 105.0 | 114 800* | 40.6 | 113.0 | 107 100* | 50.2 | 116.8 | 99 300* | 72.0 |
| 74.0 | | | | | | | 23.0 | 100.6 | 110 700* | 37.2 | 110.4 | 103 300* | 47.4 | 115.0 | 95 800* | 74.0 |
| 76.0 | | | | | | | 16.4 | 94.7 | 106 800* | 33.5 | 107.5 | 99 800* | 44.4 | 113.0 | 92 500* | 76.0 |
| 80.0 | | | | | | | | | | 24.6 | 99.9 | 93 100* | 38.0 | 108.2 | 86 400* | 80.0 |
| 84.0 | | | | | | | | | | | | | 30.3 | 102.1 | 80 700* | 84.0 |
| 88.0 | | | | | | | | | | | | | 20.1 | 93.2 | 75 400* | 88.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

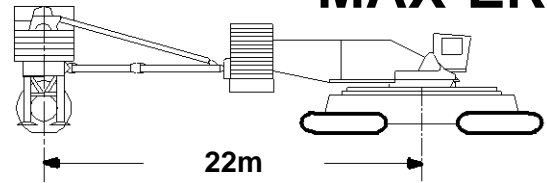


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 73.7 | 140.9 | 205 600*(b) | | | | | | | | | | | | | 27.4 |
| 28.0 | 73.2 | 140.8 | 205 600*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 71.2 | 140.1 | 205 300*(b) | | | | | | | | | | | | | 30.0 |
| 32.0 | 69.2 | 139.3 | 199 600*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 67.2 | 138.5 | 191 700* | | | | | | | | | | | | | 34.0 |
| 36.0 | 65.1 | 137.5 | 183 500* | | | | | | | | | | | | | 36.0 |
| 38.0 | 63.0 | 136.5 | 175 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 60.8 | 135.4 | 166 500* | 68.1 | 137.9 | 217 900* | | | | | | | | | | 40.0 |
| 42.0 | 58.6 | 134.2 | 158 100* | 66.0 | 137.0 | 217 000* | | | | | | | | | | 42.0 |
| 44.0 | 56.4 | 132.9 | 149 900* | 63.9 | 136.0 | 213 100* | | | | | | | | | | 44.0 |
| 46.0 | 54.1 | 131.4 | 142 000* | 61.8 | 135.0 | 207 000* | | | | | | | | | | 46.0 |
| 48.0 | 51.7 | 129.9 | 134 300* | 59.6 | 133.8 | 197 100* | | | | | | | | | | 48.0 |
| 50.0 | 49.2 | 128.2 | 127 100* | 57.4 | 132.5 | 188 200* | | | | | | | | | | 50.0 |
| 52.0 | 46.6 | 126.3 | 120 200* | 55.1 | 131.1 | 180 000* | 62.6 | 133.8 | 168 300* | | | | | | | 52.0 |
| 54.0 | 43.9 | 124.3 | 113 800* | 52.8 | 129.6 | 172 300* | 60.5 | 132.7 | 161 100* | | | | | | | 54.0 |
| 56.0 | 41.1 | 122.0 | 107 800* | 50.3 | 128.0 | 165 200* | 58.3 | 131.5 | 154 400* | | | | | | | 56.0 |
| 58.0 | 38.1 | 119.5 | 102 200* | 47.8 | 126.2 | 158 600* | 56.0 | 130.1 | 148 100* | | | | | | | 58.0 |
| 60.0 | 34.9 | 116.7 | 97 100* | 45.2 | 124.2 | 151 600* | 53.7 | 128.7 | 142 300* | | | | | | | 60.0 |
| 62.0 | 31.3 | 113.5 | 92 400* | 42.4 | 122.1 | 143 700* | 51.3 | 127.1 | 136 800* | | | | | | | 62.0 |
| 64.0 | 27.4 | 109.8 | 88 300* | 39.5 | 119.7 | 136 300* | 48.8 | 125.4 | 131 700* | 56.7 | 128.4 | 122 400* | | | | 64.0 |
| 66.0 | 22.8 | 105.3 | 84 600* | 36.3 | 117.0 | 129 200* | 46.2 | 123.5 | 126 800* | 54.4 | 127.0 | 117 800* | | | | 66.0 |
| 68.0 | 17.0 | 99.5 | 81 800* | 33.0 | 114.0 | 122 500* | 43.5 | 121.4 | 122 200* | 52.0 | 125.4 | 113 600* | | | | 68.0 |
| 70.0 | 7.2 | 89.3 | 80 300* | 29.2 | 110.6 | 116 300* | 40.6 | 119.1 | 117 900* | 49.6 | 123.8 | 109 500* | | | | 70.0 |
| 72.0 | | | | 24.9 | 106.5 | 110 700* | 37.6 | 116.5 | 113 800* | 47.0 | 121.9 | 105 700* | | | | 72.0 |
| 74.0 | | | | 19.8 | 101.4 | 105 500* | 34.3 | 113.7 | 109 800* | 44.4 | 119.9 | 102 000* | 52.5 | 123.0 | 94 200* | 74.0 |
| 76.0 | | | | 12.6 | 94.1 | 101 300* | 30.7 | 110.4 | 106 100* | 41.6 | 117.7 | 98 500* | 50.1 | 121.4 | 91 000* | 76.0 |
| 80.0 | | | | | | | 22.0 | 102.0 | 99 000* | 35.4 | 112.5 | 92 000* | 44.9 | 117.6 | 85 000* | 80.0 |
| 84.0 | | | | | | | | | | 28.0 | 105.7 | 86 100* | 39.2 | 113.0 | 79 500* | 84.0 |
| 88.0 | | | | | | | | | | 18.0 | 95.9 | 80 400* | 32.6 | 107.3 | 74 400* | 88.0 |
| 92.0 | | | | | | | | | | | | | 24.5 | 99.7 | 69 600* | 92.0 |
| 96.0 | | | | | | | | | | | | | 11.8 | 86.7 | 64 900* | 96.0 |

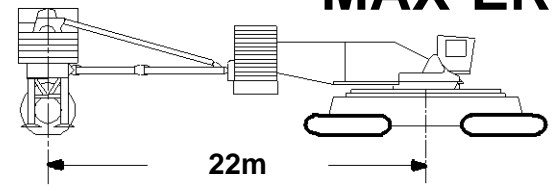
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 73.9 | 146.8 | 182 500* ^b | | | | | | | | | | | | | 29.0 |
| 30.0 | 73.0 | 146.5 | 182 500* ^b | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.2 | 145.8 | 182 500* | | | | | | | | | | | | | 32.0 |
| 34.0 | 69.3 | 145.1 | 178 500* | | | | | | | | | | | | | 34.0 |
| 36.0 | 67.5 | 144.3 | 171 900* | | | | | | | | | | | | | 36.0 |
| 38.0 | 65.6 | 143.3 | 165 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 63.7 | 142.4 | 158 100* | | | | | | | | | | | | | 40.0 |
| 42.0 | 61.8 | 141.3 | 151 100* | 68.3 | 143.7 | 193 200* | | | | | | | | | | 42.0 |
| 44.0 | 59.8 | 140.1 | 144 100* | 66.5 | 142.8 | 193 200* | | | | | | | | | | 44.0 |
| 46.0 | 57.8 | 138.9 | 137 000* | 64.6 | 141.8 | 192 600* | | | | | | | | | | 46.0 |
| 48.0 | 55.7 | 137.5 | 130 300* | 62.7 | 140.8 | 188 000* | | | | | | | | | | 48.0 |
| 50.0 | 53.6 | 136.1 | 123 800* | 60.7 | 139.7 | 182 400* | | | | | | | | | | 50.0 |
| 52.0 | 51.4 | 134.5 | 117 500* | 58.7 | 138.5 | 176 100* | | | | | | | | | | 52.0 |
| 54.0 | 49.2 | 132.8 | 111 500* | 56.7 | 137.2 | 169 600* | 63.4 | 139.7 | 158 900* | | | | | | | 54.0 |
| 56.0 | 46.8 | 130.9 | 105 800* | 54.6 | 135.8 | 162 700* | 61.5 | 138.6 | 152 300* | | | | | | | 56.0 |
| 58.0 | 44.4 | 128.9 | 100 500* | 52.4 | 134.2 | 155 800* | 59.5 | 137.4 | 146 100* | | | | | | | 58.0 |
| 60.0 | 41.9 | 126.7 | 95 400* | 50.2 | 132.6 | 148 800* | 57.5 | 136.1 | 140 300* | | | | | | | 60.0 |
| 62.0 | 39.2 | 124.3 | 90 700* | 47.9 | 130.8 | 141 900* | 55.4 | 134.8 | 134 800* | | | | | | | 62.0 |
| 64.0 | 36.4 | 121.6 | 86 400* | 45.5 | 128.9 | 135 100* | 53.3 | 133.3 | 129 700* | | | | | | | 64.0 |
| 66.0 | 33.3 | 118.7 | 82 400* | 43.0 | 126.7 | 128 600* | 51.1 | 131.7 | 124 900* | 58.1 | 134.4 | 115 700* | | | | 66.0 |
| 68.0 | 30.0 | 115.3 | 78 700* | 40.4 | 124.4 | 122 300* | 48.8 | 130.0 | 120 300* | 56.0 | 133.1 | 111 400* | | | | 68.0 |
| 70.0 | 26.2 | 111.4 | 75 500* | 37.7 | 121.9 | 116 300* | 46.5 | 128.1 | 116 100* | 53.9 | 131.6 | 107 400* | | | | 70.0 |
| 72.0 | 21.9 | 106.7 | 72 600* | 34.7 | 119.1 | 110 600* | 44.0 | 126.0 | 112 000* | 51.8 | 130.0 | 103 600* | | | | 72.0 |
| 74.0 | 16.4 | 100.7 | 70 400* | 31.5 | 115.9 | 105 100* | 41.5 | 123.8 | 108 100* | 49.5 | 128.4 | 100 000* | | | | 74.0 |
| 76.0 | 7.6 | 90.5 | 69 300* | 28.0 | 112.3 | 100 200* | 38.8 | 121.4 | 104 500* | 47.2 | 126.5 | 96 500* | | | | 76.0 |
| 80.0 | | | | 19.1 | 102.7 | 91 500* | 32.8 | 115.6 | 97 600* | 42.3 | 122.4 | 90 200* | 50.0 | 126.0 | 82 800* | 80.0 |
| 84.0 | | | | | | | 25.6 | 108.2 | 91 300* | 36.8 | 117.4 | 84 300* | 45.3 | 122.2 | 77 400* | 84.0 |
| 88.0 | | | | | | | 15.4 | 97.0 | 85 300* | 30.5 | 111.2 | 78 900* | 40.2 | 117.8 | 72 400* | 88.0 |
| 92.0 | | | | | | | | | | 22.6 | 102.8 | 73 900* | 34.4 | 112.4 | 67 800* | 92.0 |
| 96.0 | | | | | | | | | | 9.6 | 88.1 | 68 900* | 27.6 | 105.5 | 63 500* | 96.0 |
| 100.0 | | | | | | | | | | | | | 18.6 | 95.7 | 59 400* | 100.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

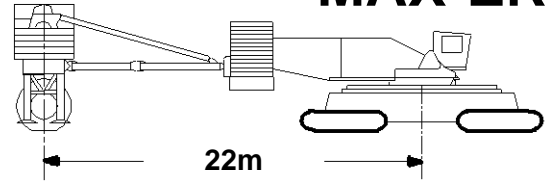


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.0 | 152.7 | 162 100*(b) | | | | | | | | | | | | | 30.5 |
| 32.0 | 72.8 | 152.3 | 162 100* | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.1 | 151.6 | 162 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.5 | 150.8 | 159 900* | | | | | | | | | | | | | 36.0 |
| 38.0 | 67.8 | 150.0 | 154 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 66.1 | 149.1 | 149 400* | | | | | | | | | | | | | 40.0 |
| 42.0 | 64.3 | 148.2 | 143 600* | | | | | | | | | | | | | 42.0 |
| 44.0 | 62.6 | 147.1 | 137 900* | 68.5 | 149.4 | 170 000* | | | | | | | | | | 44.0 |
| 46.0 | 60.8 | 146.0 | 132 100* | 66.8 | 148.6 | 170 000* | | | | | | | | | | 46.0 |
| 48.0 | 58.9 | 144.8 | 126 300* | 65.1 | 147.7 | 170 000* | | | | | | | | | | 48.0 |
| 50.0 | 57.1 | 143.5 | 120 600* | 63.4 | 146.7 | 169 800* | | | | | | | | | | 50.0 |
| 52.0 | 55.2 | 142.2 | 114 900* | 61.6 | 145.6 | 166 000* | | | | | | | | | | 52.0 |
| 54.0 | 53.2 | 140.7 | 109 600* | 59.8 | 144.4 | 161 300* | | | | | | | | | | 54.0 |
| 56.0 | 51.2 | 139.1 | 104 400* | 57.9 | 143.2 | 156 200* | | | | | | | | | | 56.0 |
| 58.0 | 49.2 | 137.4 | 99 400* | 56.0 | 141.8 | 150 700* | 62.3 | 144.4 | 144 200* | | | | | | | 58.0 |
| 60.0 | 47.0 | 135.5 | 94 700* | 54.1 | 140.4 | 145 000* | 60.5 | 143.3 | 138 500* | | | | | | | 60.0 |
| 62.0 | 44.8 | 133.5 | 90 200* | 52.1 | 138.8 | 139 300* | 58.7 | 142.1 | 133 100* | | | | | | | 62.0 |
| 64.0 | 42.5 | 131.4 | 85 900* | 50.1 | 137.2 | 133 500* | 56.8 | 140.8 | 128 000* | | | | | | | 64.0 |
| 66.0 | 40.1 | 129.0 | 82 000* | 48.0 | 135.4 | 127 700* | 54.9 | 139.4 | 123 200* | | | | | | | 66.0 |
| 68.0 | 37.6 | 126.5 | 78 200* | 45.8 | 133.5 | 122 100* | 52.9 | 137.9 | 118 700* | | | | | | | 68.0 |
| 70.0 | 34.9 | 123.7 | 74 800* | 43.6 | 131.4 | 116 600* | 50.9 | 136.3 | 114 400* | 57.4 | 139.1 | 105 600* | | | | 70.0 |
| 72.0 | 32.0 | 120.5 | 71 600* | 41.2 | 129.1 | 111 300* | 48.8 | 134.6 | 110 300* | 55.5 | 137.7 | 101 800* | | | | 72.0 |
| 74.0 | 28.8 | 117.0 | 68 700* | 38.7 | 126.7 | 106 200* | 46.7 | 132.7 | 106 500* | 53.5 | 136.2 | 98 200* | | | | 74.0 |
| 76.0 | 25.2 | 113.0 | 66 100* | 36.1 | 124.0 | 101 400* | 44.5 | 130.7 | 102 900* | 51.5 | 134.6 | 94 800* | | | | 76.0 |
| 80.0 | 16.0 | 101.9 | 62 200* | 30.2 | 117.7 | 92 400* | 39.7 | 126.1 | 96 100* | 47.4 | 131.1 | 88 400* | 53.9 | 133.8 | 81 000* | 80.0 |
| 84.0 | | | | 23.1 | 109.4 | 84 600* | 34.4 | 120.7 | 89 900* | 42.9 | 127.0 | 82 700* | 49.9 | 130.6 | 75 600* | 84.0 |
| 88.0 | | | | 12.2 | 96.2 | 78 600* | 28.3 | 113.9 | 84 200* | 38.0 | 122.2 | 77 400* | 45.6 | 126.9 | 70 700* | 88.0 |
| 92.0 | | | | | | | 20.4 | 104.7 | 78 900* | 32.4 | 116.4 | 72 500* | 41.0 | 122.5 | 66 200* | 92.0 |
| 96.0 | | | | | | | 5.5 | 86.1 | 73 500* | 25.8 | 108.9 | 68 000* | 35.9 | 117.3 | 62 000* | 96.0 |
| 100.0 | | | | | | | | | | 16.9 | 98.3 | 63 600* | 30.0 | 110.9 | 58 100* | 100.0 |
| 104.0 | | | | | | | | | | | | | 22.7 | 102.6 | 54 300* | 104.0 |
| 108.0 | | | | | | | | | | | | | 11.5 | 88.9 | 50 600* | 108.0 |

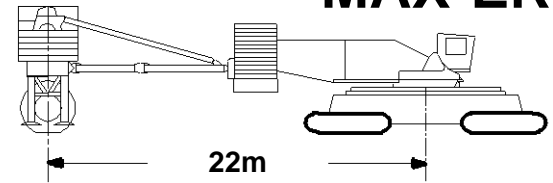
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.2 | 158.7 | 144 100* | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.6 | 158.0 | 144 100* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.1 | 157.3 | 144 100* | | | | | | | | | | | | | 36.0 |
| 38.0 | 69.6 | 156.6 | 143 400* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.0 | 155.8 | 139 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 66.4 | 154.9 | 134 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 64.8 | 154.0 | 130 100* | | | | | | | | | | | | | 44.0 |
| 46.0 | 63.2 | 153.0 | 125 300* | 68.7 | 155.2 | 150 700* | | | | | | | | | | 46.0 |
| 48.0 | 61.6 | 151.9 | 120 500* | 67.2 | 154.4 | 150 700* | | | | | | | | | | 48.0 |
| 50.0 | 59.9 | 150.8 | 115 600* | 65.6 | 153.5 | 150 700* | | | | | | | | | | 50.0 |
| 52.0 | 58.2 | 149.5 | 110 800* | 64.0 | 152.5 | 150 700* | | | | | | | | | | 52.0 |
| 54.0 | 56.5 | 148.2 | 106 000* | 62.3 | 151.4 | 150 000* | | | | | | | | | | 54.0 |
| 56.0 | 54.7 | 146.8 | 101 300* | 60.7 | 150.3 | 146 900* | | | | | | | | | | 56.0 |
| 58.0 | 52.9 | 145.3 | 96 800* | 59.0 | 149.1 | 142 900* | 64.6 | 151.3 | 142 100* | | | | | | | 58.0 |
| 60.0 | 51.1 | 143.7 | 92 500* | 57.3 | 147.8 | 138 500* | 63.0 | 150.3 | 136 400* | | | | | | | 60.0 |
| 62.0 | 49.1 | 142.0 | 88 300* | 55.5 | 146.5 | 133 900* | 61.3 | 149.2 | 131 000* | | | | | | | 62.0 |
| 64.0 | 47.2 | 140.1 | 84 300* | 53.7 | 145.0 | 129 200* | 59.7 | 148.0 | 125 900* | | | | | | | 64.0 |
| 66.0 | 45.2 | 138.2 | 80 500* | 51.9 | 143.5 | 124 400* | 57.9 | 146.8 | 121 100* | | | | | | | 66.0 |
| 68.0 | 43.1 | 136.0 | 76 900* | 50.0 | 141.8 | 119 500* | 56.2 | 145.4 | 116 700* | | | | | | | 68.0 |
| 70.0 | 40.9 | 133.8 | 73 500* | 48.1 | 140.0 | 114 700* | 54.4 | 144.0 | 112 400* | | | | | | | 70.0 |
| 72.0 | 38.6 | 131.3 | 70 400* | 46.1 | 138.1 | 109 900* | 52.6 | 142.5 | 108 400* | 58.5 | 145.0 | 99 600* | | | | 72.0 |
| 74.0 | 36.1 | 128.6 | 67 400* | 44.0 | 136.0 | 105 300* | 50.8 | 140.9 | 104 600* | 56.8 | 143.7 | 96 000* | | | | 74.0 |
| 76.0 | 33.6 | 125.6 | 64 600* | 41.9 | 133.8 | 100 800* | 48.8 | 139.2 | 101 000* | 55.0 | 142.3 | 92 700* | | | | 76.0 |
| 80.0 | 27.8 | 118.7 | 59 800* | 37.2 | 128.9 | 92 200* | 44.8 | 135.3 | 94 300* | 51.3 | 139.3 | 86 400* | | | | 80.0 |
| 84.0 | 20.5 | 109.4 | 55 900* | 32.1 | 122.9 | 84 500* | 40.5 | 130.9 | 88 200* | 47.5 | 135.7 | 80 700* | 53.6 | 138.4 | 73 400* | 84.0 |
| 88.0 | 8.1 | 92.8 | 53 900* | 25.9 | 115.5 | 77 600* | 35.7 | 125.6 | 82 600* | 43.4 | 131.7 | 75 500* | 49.8 | 135.2 | 68 500* | 88.0 |
| 92.0 | | | | 17.9 | 105.2 | 71 900* | 30.3 | 119.3 | 77 400* | 38.9 | 127.0 | 70 700* | 45.9 | 131.5 | 64 100* | 92.0 |
| 96.0 | | | | | | | 23.8 | 111.2 | 72 600* | 34.0 | 121.4 | 66 200* | 41.7 | 127.2 | 60 000* | 96.0 |
| 100.0 | | | | | | | 14.7 | 99.3 | 67 900* | 28.2 | 114.6 | 62 100* | 37.0 | 122.2 | 56 100* | 100.0 |
| 104.0 | | | | | | | | | | 21.1 | 105.6 | 58 200* | 31.8 | 116.2 | 52 600* | 104.0 |
| 108.0 | | | | | | | | | | 9.7 | 90.3 | 54 300* | 25.6 | 108.7 | 49 200* | 108.0 |
| 112.0 | | | | | | | | | | | | | 17.5 | 98.2 | 45 900* | 112.0 |

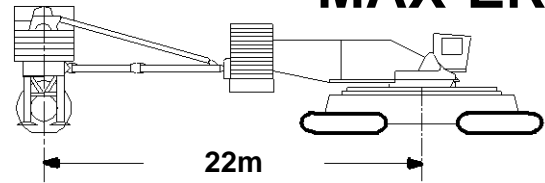


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

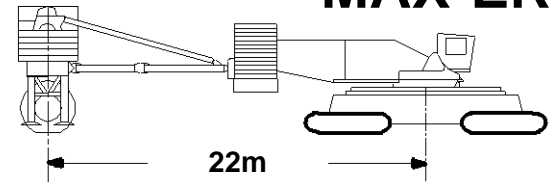
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.3 | 164.6 | 128 300* | | | | | | | | | | | | | 33.5 |
| 34.0 | 73.9 | 164.4 | 128 300* | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.5 | 163.8 | 128 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.1 | 163.1 | 128 300* | | | | | | | | | | | | | 38.0 |
| 40.0 | 69.7 | 162.4 | 128 000* | | | | | | | | | | | | | 40.0 |
| 42.0 | 68.2 | 161.6 | 125 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 66.8 | 160.7 | 121 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 65.3 | 159.8 | 118 000* | | | | | | | | | | | | | 46.0 |
| 48.0 | 63.8 | 158.8 | 114 000* | 68.9 | 161.0 | 132 600* | | | | | | | | | | 48.0 |
| 50.0 | 62.3 | 157.8 | 110 000* | 67.4 | 160.1 | 132 600* | | | | | | | | | | 50.0 |
| 52.0 | 60.7 | 156.6 | 105 900* | 66.0 | 159.2 | 132 600* | | | | | | | | | | 52.0 |
| 54.0 | 59.2 | 155.5 | 101 800* | 64.5 | 158.3 | 132 600* | | | | | | | | | | 54.0 |
| 56.0 | 57.6 | 154.2 | 97 800* | 63.0 | 157.3 | 132 600* | | | | | | | | | | 56.0 |
| 58.0 | 56.0 | 152.8 | 93 800* | 61.4 | 156.2 | 132 600* | | | | | | | | | | 58.0 |
| 60.0 | 54.3 | 151.4 | 89 900* | 59.9 | 155.0 | 130 600* | | | | | | | | | | 60.0 |
| 62.0 | 52.6 | 149.9 | 86 100* | 58.3 | 153.8 | 127 100* | 63.6 | 156.1 | 129 300* | | | | | | | 62.0 |
| 64.0 | 50.9 | 148.3 | 82 500* | 56.7 | 152.5 | 123 500* | 62.0 | 155.1 | 124 300* | | | | | | | 64.0 |
| 66.0 | 49.1 | 146.6 | 79 000* | 55.1 | 151.1 | 119 500* | 60.5 | 153.9 | 119 500* | | | | | | | 66.0 |
| 68.0 | 47.3 | 144.7 | 75 500* | 53.4 | 149.6 | 114 900* | 58.9 | 152.7 | 115 100* | | | | | | | 68.0 |
| 70.0 | 45.4 | 142.8 | 72 400* | 51.7 | 148.1 | 110 100* | 57.3 | 151.4 | 110 800* | | | | | | | 70.0 |
| 72.0 | 43.5 | 140.7 | 69 300* | 49.9 | 146.4 | 105 500* | 55.7 | 150.1 | 106 900* | | | | | | | 72.0 |
| 74.0 | 41.5 | 138.5 | 66 400* | 48.1 | 144.6 | 101 100* | 54.1 | 148.7 | 103 100* | | | | | | | 74.0 |
| 76.0 | 39.4 | 136.1 | 63 600* | 46.3 | 142.7 | 96 800* | 52.4 | 147.1 | 99 500* | 57.8 | 149.7 | 91 000* | | | | 76.0 |
| 80.0 | 34.9 | 130.6 | 58 700* | 42.4 | 138.5 | 88 400* | 48.9 | 143.8 | 92 800* | 54.6 | 147.0 | 84 700* | | | | 80.0 |
| 84.0 | 29.7 | 124.1 | 54 300* | 38.2 | 133.7 | 80 700* | 45.1 | 139.9 | 86 700* | 51.2 | 143.9 | 79 100* | | | | 84.0 |
| 88.0 | 23.6 | 115.9 | 50 800* | 33.5 | 128.0 | 73 500* | 41.2 | 135.6 | 81 200* | 47.6 | 140.3 | 73 900* | 53.2 | 143.0 | 66 900* | 88.0 |
| 92.0 | 15.3 | 104.2 | 48 200* | 28.2 | 121.1 | 66 900* | 36.8 | 130.5 | 76 100* | 43.8 | 136.3 | 69 200* | 49.8 | 139.8 | 62 400* | 92.0 |
| 96.0 | | | | 21.6 | 112.2 | 60 900* | 32.0 | 124.5 | 71 400* | 39.7 | 131.8 | 64 800* | 46.1 | 136.1 | 58 300* | 96.0 |
| 100.0 | | | | 11.9 | 98.4 | 56 000* | 26.4 | 117.1 | 65 800* | 35.2 | 126.4 | 60 800* | 42.2 | 131.9 | 54 600* | 100.0 |
| 104.0 | | | | | | | 19.2 | 107.3 | 60 100* | 30.2 | 120.0 | 56 900* | 38.0 | 127.0 | 51 100* | 104.0 |
| 108.0 | | | | | | | 6.5 | 88.7 | 55 600* | 24.1 | 112.0 | 53 400* | 33.3 | 121.3 | 47 800* | 108.0 |
| 112.0 | | | | | | | | | | 16.1 | 100.6 | 49 900* | 27.9 | 114.4 | 44 700* | 112.0 |
| 116.0 | | | | | | | | | | | | | 21.3 | 105.3 | 41 700* | 116.0 |
| 120.0 | | | | | | | | | | | | | 11.3 | 91.1 | 38 800* | 120.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

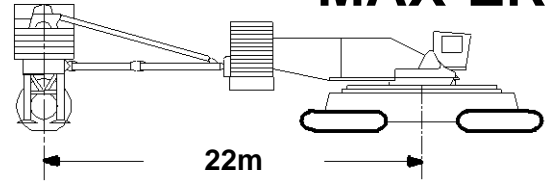
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 35.1 | 74.3 | 170.5 | 114 100* | | | | | | | | | | | | | 35.1 |
| 36.0 | 73.7 | 170.2 | 114 100* | | | | | | | | | | | | | 36.0 |
| 38.0 | 72.4 | 169.5 | 114 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 71.1 | 168.9 | 114 100* | | | | | | | | | | | | | 40.0 |
| 42.0 | 69.7 | 168.1 | 114 100* | | | | | | | | | | | | | 42.0 |
| 44.0 | 68.4 | 167.3 | 113 000* | | | | | | | | | | | | | 44.0 |
| 46.0 | 67.0 | 166.5 | 110 100* | | | | | | | | | | | | | 46.0 |
| 48.0 | 65.7 | 165.6 | 106 900* | | | | | | | | | | | | | 48.0 |
| 50.0 | 64.3 | 164.6 | 103 600* | 69.0 | 166.7 | 116 500* | | | | | | | | | | 50.0 |
| 52.0 | 62.9 | 163.6 | 100 300* | 67.7 | 165.9 | 116 500* | | | | | | | | | | 52.0 |
| 54.0 | 61.4 | 162.5 | 96 900* | 66.3 | 165.0 | 116 500* | | | | | | | | | | 54.0 |
| 56.0 | 60.0 | 161.4 | 93 400* | 64.9 | 164.1 | 116 500* | | | | | | | | | | 56.0 |
| 58.0 | 58.5 | 160.2 | 90 000* | 63.5 | 163.1 | 116 500* | | | | | | | | | | 58.0 |
| 60.0 | 57.0 | 158.9 | 86 600* | 62.1 | 162.0 | 115 500* | | | | | | | | | | 60.0 |
| 62.0 | 55.5 | 157.5 | 83 300* | 60.6 | 160.9 | 111 500* | | | | | | | | | | 62.0 |
| 64.0 | 54.0 | 156.0 | 80 000* | 59.2 | 159.7 | 107 000* | 64.1 | 161.9 | 116 200* | | | | | | | 64.0 |
| 66.0 | 52.4 | 154.5 | 76 800* | 57.7 | 158.5 | 102 600* | 62.6 | 160.9 | 114 500* | | | | | | | 66.0 |
| 68.0 | 50.8 | 152.9 | 73 700* | 56.2 | 157.1 | 98 100* | 61.2 | 159.8 | 111 100* | | | | | | | 68.0 |
| 70.0 | 49.1 | 151.2 | 70 700* | 54.7 | 155.7 | 93 700* | 59.8 | 158.6 | 107 500* | | | | | | | 70.0 |
| 72.0 | 47.4 | 149.3 | 67 900* | 53.1 | 154.2 | 89 300* | 58.3 | 157.4 | 103 700* | | | | | | | 72.0 |
| 74.0 | 45.7 | 147.4 | 65 100* | 51.5 | 152.7 | 85 000* | 56.8 | 156.1 | 99 700* | | | | | | | 74.0 |
| 76.0 | 43.9 | 145.4 | 62 500* | 49.9 | 151.0 | 80 900* | 55.3 | 154.7 | 95 500* | | | | | | | 76.0 |
| 80.0 | 40.1 | 140.8 | 57 600* | 46.5 | 147.3 | 73 000* | 52.1 | 151.7 | 87 200* | 57.3 | 154.4 | 82 600* | | | | 80.0 |
| 84.0 | 36.0 | 135.6 | 53 000* | 42.9 | 143.2 | 65 400* | 48.9 | 148.4 | 79 100* | 54.2 | 151.6 | 77 000* | | | | 84.0 |
| 88.0 | 31.4 | 129.4 | 47 000* | 39.0 | 138.5 | 58 500* | 45.4 | 144.6 | 71 300* | 51.0 | 148.5 | 71 900* | | | | 88.0 |
| 92.0 | 26.0 | 121.9 | 41 700* | 34.8 | 133.0 | 52 200* | 41.7 | 140.3 | 63 900* | 47.7 | 144.9 | 67 200* | 53.0 | 147.7 | 60 200* | 92.0 |
| 96.0 | 19.4 | 112.1 | 36 800* | 30.0 | 126.5 | 46 300* | 37.8 | 135.3 | 57 100* | 44.2 | 141.0 | 62 900* | 49.7 | 144.4 | 56 300* | 96.0 |
| 100.0 | 8.4 | 95.1 | 33 000* | 24.4 | 118.5 | 41 000* | 33.4 | 129.6 | 50 800* | 40.4 | 136.5 | 58 900* | 46.3 | 140.7 | 52 500* | 100.0 |
| 104.0 | | | | 17.1 | 107.6 | 36 200* | 28.4 | 122.8 | 45 100* | 36.3 | 131.3 | 55 000* | 42.7 | 136.6 | 49 100* | 104.0 |
| 108.0 | | | | | | | 22.4 | 114.1 | 39 900* | 31.7 | 125.2 | 49 000* | 38.8 | 131.8 | 45 800* | 108.0 |
| 112.0 | | | | | | | 14.1 | 101.5 | 35 500* | 26.5 | 117.9 | 43 500* | 34.6 | 126.3 | 42 800* | 112.0 |
| 116.0 | | | | | | | | | | 20.0 | 108.3 | 38 700* | 29.8 | 119.8 | 40 000* | 116.0 |
| 120.0 | | | | | | | | | | 9.7 | 92.5 | 34 500* | 24.1 | 111.7 | 37 300* | 120.0 |
| 124.0 | | | | | | | | | | | | | 16.7 | 100.6 | 34 600* | 124.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | 62.0 | 120.6 | 265 000* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 58.3 | 119.4 | 249 300* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 54.5 | 117.9 | 233 800* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 50.5 | 116.3 | 218 900* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 46.1 | 114.4 | 204 800* | 61.0 | 119.2 | 272 100* b | | | | | | | | | | 36.0 |
| 38.0 | 41.5 | 112.2 | 191 800* | 57.2 | 117.9 | 259 100* b | | | | | | | | | | 38.0 |
| 40.0 | 36.3 | 109.6 | 180 000* | 53.4 | 116.5 | 244 900* b | | | | | | | | | | 40.0 |
| 42.0 | 30.4 | 106.4 | 169 600* | 49.2 | 114.8 | 232 300* | | | | | | | | | | 42.0 |
| 44.0 | 23.0 | 102.1 | 161 000* | 44.9 | 112.8 | 220 700* | 59.7 | 117.1 | 207 200* b | | | | | | | 44.0 |
| 46.0 | | | | 40.1 | 110.5 | 210 000* | 55.9 | 115.8 | 197 200* b | | | | | | | 46.0 |
| 48.0 | | | | 34.7 | 107.7 | 200 100* | 52.0 | 114.2 | 188 000* b | | | | | | | 48.0 |
| 50.0 | | | | 28.4 | 104.2 | 190 900* | 47.8 | 112.4 | 179 600* | | | | | | | 50.0 |
| 52.0 | | | | 20.3 | 99.5 | 182 200* | 43.2 | 110.4 | 171 700* | 58.1 | 114.2 | 160 600* b | | | | 52.0 |
| 54.0 | | | | | | | 38.3 | 107.9 | 164 300* | 54.2 | 112.8 | 153 700* b | | | | 54.0 |
| 56.0 | | | | | | | 32.7 | 104.9 | 157 400* | 50.2 | 111.2 | 147 300* b | | | | 56.0 |
| 58.0 | | | | | | | 25.9 | 101.1 | 150 800* | 45.8 | 109.3 | 141 400* | | | | 58.0 |
| 60.0 | | | | | | | 16.6 | 95.5 | 144 400* | 41.2 | 107.0 | 135 700* | | | | 60.0 |
| 62.0 | | | | | | | | | | 35.9 | 104.4 | 130 400* | 52.0 | 109.0 | 121 500* b | 62.0 |
| 64.0 | | | | | | | | | | 29.9 | 101.1 | 125 300* | 47.8 | 107.2 | 116 900* b | 64.0 |
| 66.0 | | | | | | | | | | 22.4 | 96.7 | 120 500* | 43.3 | 105.2 | 112 500* | 66.0 |
| 68.0 | | | | | | | | | | | | | 38.4 | 102.7 | 108 400* | 68.0 |
| 70.0 | | | | | | | | | | | | | 32.8 | 99.7 | 104 400* | 70.0 |
| 72.0 | | | | | | | | | | | | | 26.1 | 96.0 | 100 500* | 72.0 |
| 74.0 | | | | | | | | | | | | | 16.8 | 90.4 | 96 600* | 74.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

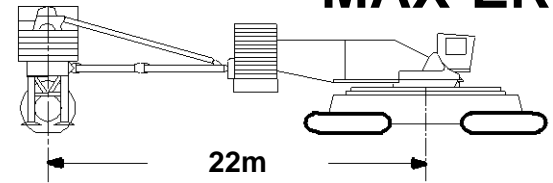
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | 66.3 | 127.4 | 248 200*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 63.3 | 126.4 | 235 300*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 60.2 | 125.3 | 222 200*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 57.0 | 124.0 | 209 300*b | | | c | | | | | | | | | | 34.0 |
| 36.0 | 53.7 | 122.6 | 196 700* | 65.5 | 126.1 | 259 800*b | | | | | | | | | | 36.0 |
| 38.0 | 50.2 | 120.9 | 184 600* | 62.4 | 125.1 | 252 200*b | | | | | | | | | | 38.0 |
| 40.0 | 46.6 | 119.1 | 173 300* | 59.3 | 123.9 | 243 600*b | | | | | | | | | | 40.0 |
| 42.0 | 42.7 | 116.9 | 162 800* | 56.1 | 122.6 | 230 700* | | | | | | | | | | 42.0 |
| 44.0 | 38.4 | 114.5 | 153 100* | 52.7 | 121.1 | 219 200* | | | | | | | | | | 44.0 |
| 46.0 | 33.7 | 111.6 | 144 400* | 49.2 | 119.4 | 208 700* | 61.4 | 123.0 | 195 200*b | | | | | | | 46.0 |
| 48.0 | 28.2 | 108.1 | 136 800* | 45.5 | 117.4 | 198 900* | 58.2 | 121.8 | 186 100*b | | | | | | | 48.0 |
| 50.0 | 21.5 | 103.5 | 130 500* | 41.5 | 115.2 | 190 000* | 54.9 | 120.4 | 177 800* | | | | | | | 50.0 |
| 52.0 | | | | 37.1 | 112.7 | 181 600* | 51.5 | 118.8 | 170 000* | | | | | | | 52.0 |
| 54.0 | | | | 32.2 | 109.6 | 173 800* | 47.9 | 117.0 | 162 800* | | | | | | | 54.0 |
| 56.0 | | | | 26.5 | 105.8 | 165 700* | 44.1 | 115.0 | 156 000* | 56.8 | 118.9 | 145 300*b | | | | 56.0 |
| 58.0 | | | | 19.1 | 100.8 | 157 300* | 40.0 | 112.7 | 149 700* | 53.5 | 117.4 | 139 400* | | | | 58.0 |
| 60.0 | | | | | | | 35.5 | 110.0 | 143 800* | 50.0 | 115.8 | 133 900* | | | | 60.0 |
| 62.0 | | | | | | | 30.3 | 106.7 | 138 100* | 46.3 | 113.9 | 128 800* | | | | 62.0 |
| 64.0 | | | | | | | 24.2 | 102.6 | 132 700* | 42.4 | 111.7 | 123 800* | 55.0 | 115.2 | 114 800*b | 64.0 |
| 66.0 | | | | | | | 15.8 | 96.7 | 127 500* | 38.1 | 109.3 | 119 200* | 51.6 | 113.6 | 110 500* | 66.0 |
| 68.0 | | | | | | | | | | 33.3 | 106.3 | 114 800* | 48.0 | 111.8 | 106 400* | 68.0 |
| 70.0 | | | | | | | | | | 27.8 | 102.8 | 110 600* | 44.2 | 109.8 | 102 600* | 70.0 |
| 72.0 | | | | | | | | | | 21.0 | 98.1 | 106 500* | 40.1 | 107.5 | 98 900* | 72.0 |
| 74.0 | | | | | | | | | | | | | 35.6 | 104.8 | 95 500* | 74.0 |
| 76.0 | | | | | | | | | | | | | 30.4 | 101.5 | 92 100* | 76.0 |
| 80.0 | | | | | | | | | | | | | 16.0 | 91.6 | 85 500* | 80.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

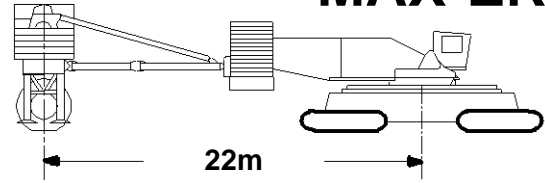
Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | c | | | | | | | | | | | | | 24.4 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | 69.4 | 134.1 | 231 100*b | | | | | | | | | | | | | 28.0 |
| 30.0 | 66.9 | 133.2 | 221 100*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 64.3 | 132.3 | 210 400*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 61.6 | 131.2 | 199 600*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 58.9 | 130.0 | 188 700* | 68.7 | 132.8 | 244 100*b | | | | | | | | | | 36.0 |
| 38.0 | 56.1 | 128.7 | 178 100* | 66.2 | 131.9 | 238 300*b | | | | | | | | | | 38.0 |
| 40.0 | 53.1 | 127.2 | 167 900* | 63.5 | 130.9 | 232 000*b | | | | | | | | | | 40.0 |
| 42.0 | 50.1 | 125.5 | 158 100* | 60.8 | 129.8 | 225 500* | | | | | | | | | | 42.0 |
| 44.0 | 46.9 | 123.7 | 148 900* | 58.1 | 128.6 | 217 800* | | | | | | | | | | 44.0 |
| 46.0 | 43.5 | 121.6 | 140 300* | 55.2 | 127.2 | 207 500* | | | | | | | | | | 46.0 |
| 48.0 | 39.9 | 119.3 | 132 300* | 52.3 | 125.7 | 197 900* | 62.6 | 128.9 | 184 700*b | | | | | | | 48.0 |
| 50.0 | 36.0 | 116.6 | 125 100* | 49.2 | 124.0 | 189 000* | 59.9 | 127.7 | 176 300* | | | | | | | 50.0 |
| 52.0 | 31.6 | 113.4 | 118 500* | 45.9 | 122.1 | 180 800* | 57.1 | 126.4 | 168 600* | | | | | | | 52.0 |
| 54.0 | 26.6 | 109.7 | 112 800* | 42.5 | 119.9 | 172 700* | 54.2 | 125.0 | 161 500* | | | | | | | 54.0 |
| 56.0 | 20.4 | 104.8 | 108 100* | 38.8 | 117.5 | 163 400* | 51.2 | 123.4 | 154 800* | | | | | | | 56.0 |
| 58.0 | | | | 34.8 | 114.7 | 154 400* | 48.1 | 121.6 | 148 600* | 58.7 | 124.9 | 137 900* | | | | 58.0 |
| 60.0 | | | | 30.2 | 111.4 | 146 100* | 44.8 | 119.7 | 142 800* | 55.9 | 123.5 | 132 400* | | | | 60.0 |
| 62.0 | | | | 24.9 | 107.4 | 138 600* | 41.2 | 117.4 | 137 300* | 52.9 | 122.0 | 127 400* | | | | 62.0 |
| 64.0 | | | | 18.2 | 102.0 | 132 100* | 37.4 | 114.9 | 132 100* | 49.9 | 120.4 | 122 500* | | | | 64.0 |
| 66.0 | | | | | | | 33.3 | 111.9 | 127 100* | 46.7 | 118.5 | 118 000* | | | | 66.0 |
| 68.0 | | | | | | | 28.5 | 108.4 | 122 500* | 43.3 | 116.4 | 113 700* | | | | 68.0 |
| 70.0 | | | | | | | 22.8 | 104.0 | 118 000* | 39.6 | 114.1 | 109 700* | 51.3 | 118.2 | 101 200* | 70.0 |
| 72.0 | | | | | | | 15.1 | 97.8 | 113 600* | 35.7 | 111.3 | 105 800* | 48.1 | 116.4 | 97 600* | 72.0 |
| 74.0 | | | | | | | | | | 31.3 | 108.2 | 102 000* | 44.8 | 114.5 | 94 200* | 74.0 |
| 76.0 | | | | | | | | | | 26.2 | 104.3 | 98 500* | 41.3 | 112.2 | 90 900* | 76.0 |
| 80.0 | | | | | | | | | | | | | 33.3 | 106.7 | 84 800* | 80.0 |
| 84.0 | | | | | | | | | | | | | 23.0 | 98.9 | 79 200* | 84.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

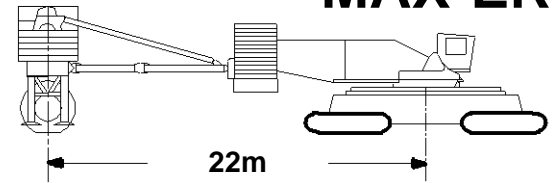
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight**
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | | | c | | | | | | | | | | | | | 25.9 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | 71.8 | 140.6 | 209 000* b | | | | | | | | | | | | | 28.0 |
| 30.0 | 69.6 | 139.8 | 205 900* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 67.3 | 139.0 | 197 300* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 65.0 | 138.1 | 188 500* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 62.7 | 137.0 | 179 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 60.3 | 135.9 | 170 300* | | | | | | | | | | | | | 38.0 |
| 40.0 | 57.8 | 134.7 | 161 400* | 66.7 | 137.7 | 220 400* b | | | | | | | | | | 40.0 |
| 42.0 | 55.3 | 133.3 | 152 700* | 64.4 | 136.8 | 215 200* | | | | | | | | | | 42.0 |
| 44.0 | 52.7 | 131.8 | 144 400* | 62.0 | 135.7 | 209 700* | | | | | | | | | | 44.0 |
| 46.0 | 50.0 | 130.1 | 136 400* | 59.6 | 134.5 | 203 900* | | | | | | | | | | 46.0 |
| 48.0 | 47.1 | 128.3 | 128 900* | 57.1 | 133.2 | 195 800* | | | | | | | | | | 48.0 |
| 50.0 | 44.2 | 126.3 | 121 800* | 54.6 | 131.8 | 187 000* | 63.6 | 134.7 | 174 200* | | | | | | | 50.0 |
| 52.0 | 41.0 | 124.0 | 115 200* | 51.9 | 130.3 | 178 300* | 61.2 | 133.6 | 166 500* | | | | | | | 52.0 |
| 54.0 | 37.6 | 121.5 | 109 100* | 49.2 | 128.6 | 169 500* | 58.7 | 132.4 | 159 400* | | | | | | | 54.0 |
| 56.0 | 34.0 | 118.6 | 103 600* | 46.3 | 126.7 | 160 900* | 56.2 | 131.1 | 152 800* | | | | | | | 56.0 |
| 58.0 | 29.9 | 115.2 | 98 600* | 43.3 | 124.6 | 152 500* | 53.6 | 129.6 | 146 700* | | | | | | | 58.0 |
| 60.0 | 25.2 | 111.2 | 94 200* | 40.1 | 122.3 | 144 600* | 51.0 | 128.0 | 140 900* | | | | | | | 60.0 |
| 62.0 | 19.4 | 106.1 | 90 700* | 36.6 | 119.6 | 137 000* | 48.2 | 126.3 | 135 400* | 57.7 | 129.5 | 125 200* | | | | 62.0 |
| 64.0 | 10.9 | 98.1 | 88 500* | 32.8 | 116.6 | 129 800* | 45.3 | 124.3 | 130 300* | 55.1 | 128.2 | 120 400* | | | | 64.0 |
| 66.0 | | | | 28.6 | 113.1 | 123 300* | 42.2 | 122.1 | 125 500* | 52.5 | 126.6 | 115 900* | | | | 66.0 |
| 68.0 | | | | 23.7 | 108.8 | 117 300* | 38.9 | 119.7 | 121 000* | 49.8 | 125.0 | 111 700* | | | | 68.0 |
| 70.0 | | | | 17.4 | 103.2 | 112 100* | 35.3 | 116.9 | 116 700* | 46.9 | 123.1 | 107 700* | | | | 70.0 |
| 72.0 | | | | | | | 31.4 | 113.8 | 112 500* | 43.9 | 121.1 | 103 900* | 53.7 | 124.4 | 95 300* | 72.0 |
| 74.0 | | | | | | | 27.0 | 110.1 | 108 600* | 40.8 | 118.8 | 100 300* | 51.0 | 122.8 | 92 000* | 74.0 |
| 76.0 | | | | | | | 21.7 | 105.4 | 104 700* | 37.4 | 116.2 | 96 900* | 48.2 | 121.0 | 88 800* | 76.0 |
| 80.0 | | | | | | | | | | 29.6 | 109.9 | 90 400* | 42.2 | 116.9 | 82 900* | 80.0 |
| 84.0 | | | | | | | | | | 19.0 | 100.6 | 84 300* | 35.4 | 111.8 | 77 500* | 84.0 |
| 88.0 | | | | | | | | | | | | | 27.1 | 104.9 | 72 400* | 88.0 |
| 92.0 | | | | | | | | | | | | | 14.8 | 93.8 | 67 500* | 92.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

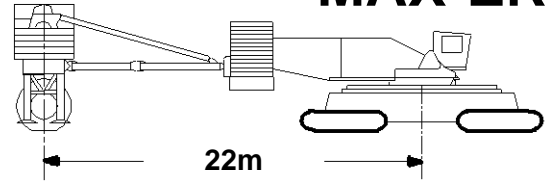


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | 74.3 | 147.2 | 186 800*(b) | | | | | | | | | | | | | 27.4 |
| 28.0 | 73.7 | 147.0 | 186 800*(b) | | | | | | | | | | | | | 28.0 |
| 30.0 | 71.7 | 146.3 | 186 800*(b) | | | | | | | | | | | | | 30.0 |
| 32.0 | 69.7 | 145.6 | 183 800*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 67.7 | 144.8 | 176 900*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 65.6 | 143.9 | 169 600* | | | | | | | | | | | | | 36.0 |
| 38.0 | 63.5 | 142.9 | 162 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 61.4 | 141.8 | 154 600* | 69.1 | 144.3 | 200 100*(b) | | | | | | | | | | 40.0 |
| 42.0 | 59.2 | 140.6 | 147 000* | 67.1 | 143.5 | 200 100* | | | | | | | | | | 42.0 |
| 44.0 | 57.0 | 139.3 | 139 500* | 65.0 | 142.6 | 197 500* | | | | | | | | | | 44.0 |
| 46.0 | 54.7 | 137.9 | 132 400* | 62.9 | 141.5 | 192 100* | | | | | | | | | | 46.0 |
| 48.0 | 52.3 | 136.4 | 125 500* | 60.8 | 140.4 | 186 000* | | | | | | | | | | 48.0 |
| 50.0 | 49.9 | 134.7 | 119 000* | 58.6 | 139.2 | 179 200* | | | | | | | | | | 50.0 |
| 52.0 | 47.3 | 132.9 | 112 700* | 56.3 | 137.9 | 172 100* | 64.3 | 140.5 | 164 900* | | | | | | | 52.0 |
| 54.0 | 44.7 | 130.9 | 106 800* | 54.0 | 136.4 | 164 700* | 62.2 | 139.5 | 157 800* | | | | | | | 54.0 |
| 56.0 | 41.9 | 128.7 | 101 300* | 51.6 | 134.9 | 157 300* | 60.0 | 138.3 | 151 200* | | | | | | | 56.0 |
| 58.0 | 38.9 | 126.3 | 96 200* | 49.1 | 133.2 | 149 900* | 57.8 | 137.1 | 145 100* | | | | | | | 58.0 |
| 60.0 | 35.7 | 123.5 | 91 500* | 46.6 | 131.3 | 142 700* | 55.5 | 135.7 | 139 400* | | | | | | | 60.0 |
| 62.0 | 32.3 | 120.5 | 87 200* | 43.9 | 129.2 | 135 700* | 53.2 | 134.2 | 134 000* | | | | | | | 62.0 |
| 64.0 | 28.5 | 116.9 | 83 300* | 41.0 | 127.0 | 129 000* | 50.8 | 132.6 | 128 900* | 59.1 | 135.5 | 118 700* | | | | 64.0 |
| 66.0 | 24.1 | 112.7 | 80 000* | 38.0 | 124.5 | 122 500* | 48.3 | 130.9 | 124 200* | 56.8 | 134.2 | 114 300* | | | | 66.0 |
| 68.0 | 18.7 | 107.3 | 77 200* | 34.8 | 121.7 | 116 500* | 45.7 | 128.9 | 119 700* | 54.5 | 132.8 | 110 100* | | | | 68.0 |
| 70.0 | 10.8 | 99.2 | 75 500* | 31.2 | 118.5 | 110 700* | 42.9 | 126.8 | 115 400* | 52.2 | 131.2 | 106 200* | | | | 70.0 |
| 72.0 | | | | 27.3 | 114.8 | 105 500* | 40.0 | 124.5 | 111 400* | 49.7 | 129.6 | 102 400* | | | | 72.0 |
| 74.0 | | | | 22.7 | 110.3 | 100 700* | 36.9 | 121.9 | 107 500* | 47.1 | 127.7 | 98 900* | | | | 74.0 |
| 76.0 | | | | 16.8 | 104.4 | 96 500* | 33.6 | 118.9 | 103 900* | 44.5 | 125.7 | 95 500* | 53.2 | 129.0 | 87 200* | 76.0 |
| 80.0 | | | | | | | 25.8 | 111.6 | 97 000* | 38.7 | 121.1 | 89 200* | 48.3 | 125.6 | 81 400* | 80.0 |
| 84.0 | | | | | | | 14.2 | 100.0 | 90 500* | 32.1 | 115.2 | 83 400* | 43.0 | 121.6 | 76 100* | 84.0 |
| 88.0 | | | | | | | | | | 23.7 | 107.3 | 78 000* | 37.0 | 116.7 | 71 200* | 88.0 |
| 92.0 | | | | | | | | | | | | | 30.0 | 110.4 | 66 600* | 92.0 |
| 96.0 | | | | | | | | | | | | | 20.9 | 101.6 | 62 300* | 96.0 |

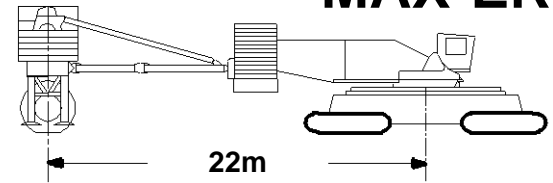
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.4 | 153.1 | 166 100* b | | | | | | | | | | | | | 29.0 |
| 30.0 | 73.5 | 152.8 | 166 100* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.7 | 152.1 | 166 100* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 69.8 | 151.4 | 164 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 68.0 | 150.6 | 158 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 66.1 | 149.7 | 152 800* | | | | | | | | | | | | | 38.0 |
| 40.0 | 64.2 | 148.7 | 146 600* | | | | | | | | | | | | | 40.0 |
| 42.0 | 62.3 | 147.7 | 140 300* | | | | | | | | | | | | | 42.0 |
| 44.0 | 60.3 | 146.5 | 134 000* | 67.5 | 149.3 | 177 000* | | | | | | | | | | 44.0 |
| 46.0 | 58.3 | 145.3 | 127 700* | 65.6 | 148.4 | 176 700* | | | | | | | | | | 46.0 |
| 48.0 | 56.3 | 144.0 | 121 600* | 63.7 | 147.4 | 173 900* | | | | | | | | | | 48.0 |
| 50.0 | 54.2 | 142.5 | 115 600* | 61.7 | 146.3 | 168 900* | | | | | | | | | | 50.0 |
| 52.0 | 52.0 | 141.0 | 109 900* | 59.8 | 145.1 | 163 600* | | | | | | | | | | 52.0 |
| 54.0 | 49.8 | 139.3 | 104 500* | 57.7 | 143.9 | 157 900* | | | | | | | | | | 54.0 |
| 56.0 | 47.5 | 137.5 | 99 300* | 55.7 | 142.5 | 151 900* | 63.0 | 145.3 | 149 100* | | | | | | | 56.0 |
| 58.0 | 45.1 | 135.5 | 94 400* | 53.6 | 141.1 | 145 800* | 61.1 | 144.2 | 143 000* | | | | | | | 58.0 |
| 60.0 | 42.6 | 133.4 | 89 800* | 51.4 | 139.5 | 139 500* | 59.1 | 143.0 | 137 300* | | | | | | | 60.0 |
| 62.0 | 39.9 | 131.0 | 85 500* | 49.1 | 137.8 | 133 400* | 57.0 | 141.7 | 131 900* | | | | | | | 62.0 |
| 64.0 | 37.1 | 128.4 | 81 400* | 46.8 | 135.9 | 127 300* | 55.0 | 140.4 | 126 900* | | | | | | | 64.0 |
| 66.0 | 34.1 | 125.6 | 77 700* | 44.4 | 133.9 | 121 400* | 52.8 | 138.8 | 122 200* | | | | | | | 66.0 |
| 68.0 | 30.9 | 122.3 | 74 300* | 41.8 | 131.7 | 115 700* | 50.6 | 137.2 | 117 700* | 58.2 | 140.2 | 107 900* | | | | 68.0 |
| 70.0 | 27.3 | 118.6 | 71 300* | 39.1 | 129.3 | 110 200* | 48.3 | 135.5 | 113 500* | 56.1 | 138.8 | 104 000* | | | | 70.0 |
| 72.0 | 23.1 | 114.2 | 68 600* | 36.3 | 126.6 | 105 000* | 46.0 | 133.5 | 109 500* | 54.0 | 137.4 | 100 200* | | | | 72.0 |
| 74.0 | 18.0 | 108.6 | 66 500* | 33.2 | 123.6 | 100 100* | 43.5 | 131.5 | 105 700* | 51.9 | 135.8 | 96 700* | | | | 74.0 |
| 76.0 | 10.7 | 100.2 | 65 200* | 29.9 | 120.3 | 95 500* | 40.9 | 129.2 | 102 100* | 49.6 | 134.2 | 93 400* | | | | 76.0 |
| 80.0 | | | | 21.8 | 111.7 | 87 300* | 35.3 | 123.9 | 95 400* | 44.9 | 130.3 | 87 200* | 52.9 | 133.6 | 79 100* | 80.0 |
| 84.0 | | | | | | | 28.6 | 117.3 | 89 200* | 39.7 | 125.8 | 81 500* | 48.4 | 130.2 | 73 900* | 84.0 |
| 88.0 | | | | | | | 20.1 | 108.1 | 83 500* | 33.9 | 120.3 | 76 300* | 43.5 | 126.3 | 69 100* | 88.0 |
| 92.0 | | | | | | | | | | 27.0 | 113.3 | 71 400* | 38.2 | 121.5 | 64 700* | 92.0 |
| 96.0 | | | | | | | | | | 17.7 | 103.1 | 66 800* | 32.2 | 115.6 | 60 600* | 96.0 |
| 100.0 | | | | | | | | | | | | | 24.8 | 108.0 | 56 700* | 100.0 |
| 104.0 | | | | | | | | | | | | | 14.0 | 96.1 | 52 800* | 104.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

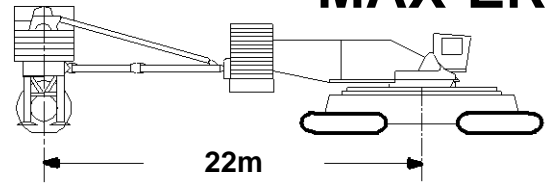


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.5 | 159.0 | 148 700*(b) | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.2 | 158.5 | 148 700*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.6 | 157.8 | 148 700* | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.9 | 157.1 | 147 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 68.2 | 156.3 | 143 200* | | | | | | | | | | | | | 38.0 |
| 40.0 | 66.5 | 155.5 | 138 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 64.8 | 154.5 | 133 100* | | | | | | | | | | | | | 42.0 |
| 44.0 | 63.0 | 153.5 | 127 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 61.3 | 152.4 | 122 600* | 67.7 | 155.0 | 157 700* | | | | | | | | | | 46.0 |
| 48.0 | 59.4 | 151.2 | 117 400* | 66.0 | 154.2 | 157 700* | | | | | | | | | | 48.0 |
| 50.0 | 57.6 | 150.0 | 112 200* | 64.3 | 153.2 | 157 200* | | | | | | | | | | 50.0 |
| 52.0 | 55.7 | 148.6 | 107 100* | 62.5 | 152.2 | 153 800* | | | | | | | | | | 52.0 |
| 54.0 | 53.8 | 147.2 | 102 200* | 60.7 | 151.0 | 149 700* | | | | | | | | | | 54.0 |
| 56.0 | 51.8 | 145.6 | 97 400* | 58.9 | 149.8 | 145 200* | | | | | | | | | | 56.0 |
| 58.0 | 49.7 | 143.9 | 92 800* | 57.0 | 148.6 | 140 300* | 63.7 | 151.2 | 141 100* | | | | | | | 58.0 |
| 60.0 | 47.6 | 142.1 | 88 600* | 55.1 | 147.2 | 135 300* | 61.9 | 150.1 | 135 500* | | | | | | | 60.0 |
| 62.0 | 45.4 | 140.2 | 84 400* | 53.2 | 145.7 | 130 200* | 60.1 | 149.0 | 130 100* | | | | | | | 62.0 |
| 64.0 | 43.1 | 138.0 | 80 500* | 51.2 | 144.1 | 125 000* | 58.3 | 147.7 | 125 200* | | | | | | | 64.0 |
| 66.0 | 40.8 | 135.8 | 76 900* | 49.1 | 142.4 | 119 800* | 56.4 | 146.4 | 120 400* | | | | | | | 66.0 |
| 68.0 | 38.3 | 133.3 | 73 400* | 47.0 | 140.5 | 114 700* | 54.5 | 145.0 | 116 000* | | | | | | | 68.0 |
| 70.0 | 35.6 | 130.5 | 70 200* | 44.8 | 138.5 | 109 800* | 52.5 | 143.5 | 111 800* | | | | | | | 70.0 |
| 72.0 | 32.8 | 127.5 | 67 300* | 42.5 | 136.4 | 105 000* | 50.5 | 141.8 | 107 900* | 57.5 | 144.8 | 98 400* | | | | 72.0 |
| 74.0 | 29.7 | 124.1 | 64 600* | 40.1 | 134.0 | 100 300* | 48.4 | 140.1 | 104 100* | 55.6 | 143.5 | 94 900* | | | | 74.0 |
| 76.0 | 26.2 | 120.2 | 62 200* | 37.5 | 131.5 | 95 900* | 46.2 | 138.2 | 100 500* | 53.6 | 142.0 | 91 600* | | | | 76.0 |
| 80.0 | 17.5 | 109.8 | 58 500* | 31.9 | 125.5 | 87 600* | 41.6 | 133.9 | 93 900* | 49.6 | 138.8 | 85 500* | | | | 80.0 |
| 84.0 | | | | 25.2 | 117.9 | 80 400* | 36.6 | 128.8 | 87 800* | 45.3 | 135.0 | 79 900* | 52.5 | 138.2 | 72 000* | 84.0 |
| 88.0 | | | | 15.9 | 106.7 | 74 600* | 30.8 | 122.7 | 82 200* | 40.6 | 130.6 | 74 700* | 48.4 | 134.8 | 67 300* | 88.0 |
| 92.0 | | | | | | | 23.8 | 114.6 | 77 000* | 35.4 | 125.3 | 70 000* | 44.0 | 130.9 | 63 000* | 92.0 |
| 96.0 | | | | | | | 13.6 | 102.3 | 72 000* | 29.4 | 118.8 | 65 600* | 39.2 | 126.3 | 58 900* | 96.0 |
| 100.0 | | | | | | | | | | 22.0 | 110.2 | 61 400* | 33.9 | 120.7 | 55 100* | 100.0 |
| 104.0 | | | | | | | | | | | | | 27.6 | 113.8 | 51 600* | 104.0 |
| 108.0 | | | | | | | | | | | | | 19.5 | 104.2 | 48 200* | 108.0 |

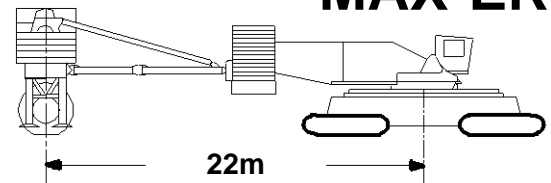
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.6 | 164.9 | 132 800* | | | | | | | | | | | | | 32.0 |
| 34.0 | 73.1 | 164.3 | 132 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.5 | 163.6 | 132 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.0 | 162.9 | 132 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.4 | 162.1 | 128 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 66.9 | 161.2 | 124 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 65.3 | 160.3 | 120 500* | | | | | | | | | | | | | 44.0 |
| 46.0 | 63.7 | 159.3 | 116 200* | 69.5 | 161.6 | 139 100* | | | | | | | | | | 46.0 |
| 48.0 | 62.0 | 158.3 | 111 800* | 68.0 | 160.8 | 139 100* | | | | | | | | | | 48.0 |
| 50.0 | 60.4 | 157.1 | 107 300* | 66.4 | 159.9 | 139 100* | | | | | | | | | | 50.0 |
| 52.0 | 58.7 | 155.9 | 102 900* | 64.8 | 159.0 | 139 100* | | | | | | | | | | 52.0 |
| 54.0 | 56.9 | 154.6 | 98 600* | 63.2 | 158.0 | 138 700* | | | | | | | | | | 54.0 |
| 56.0 | 55.2 | 153.3 | 94 300* | 61.5 | 156.9 | 136 400* | | | | | | | | | | 56.0 |
| 58.0 | 53.4 | 151.8 | 90 200* | 59.9 | 155.8 | 132 700* | | | | | | | | | | 58.0 |
| 60.0 | 51.6 | 150.2 | 86 200* | 58.2 | 154.5 | 128 900* | 64.3 | 157.0 | 133 300* | | | | | | | 60.0 |
| 62.0 | 49.7 | 148.5 | 82 400* | 56.4 | 153.2 | 124 800* | 62.6 | 155.9 | 128 000* | | | | | | | 62.0 |
| 64.0 | 47.7 | 146.7 | 78 700* | 54.7 | 151.8 | 120 600* | 61.0 | 154.8 | 123 000* | | | | | | | 64.0 |
| 66.0 | 45.7 | 144.8 | 75 200* | 52.9 | 150.3 | 116 200* | 59.3 | 153.7 | 118 400* | | | | | | | 66.0 |
| 68.0 | 43.6 | 142.7 | 72 000* | 51.0 | 148.7 | 111 900* | 57.6 | 152.4 | 113 900* | | | | | | | 68.0 |
| 70.0 | 41.4 | 140.5 | 68 800* | 49.1 | 147.0 | 107 500* | 55.8 | 151.0 | 109 800* | | | | | | | 70.0 |
| 72.0 | 39.2 | 138.0 | 65 900* | 47.1 | 145.1 | 103 100* | 54.1 | 149.6 | 105 800* | | | | | | | 72.0 |
| 74.0 | 36.8 | 135.4 | 63 100* | 45.1 | 143.2 | 99 000* | 52.2 | 148.1 | 102 100* | 58.6 | 150.8 | 92 700* | | | | 74.0 |
| 76.0 | 34.3 | 132.5 | 60 600* | 43.0 | 141.0 | 94 900* | 50.4 | 146.4 | 98 600* | 56.8 | 149.5 | 89 400* | | | | 76.0 |
| 80.0 | 28.6 | 125.8 | 56 100* | 38.5 | 136.3 | 87 000* | 46.4 | 142.8 | 92 000* | 53.3 | 146.6 | 83 300* | | | | 80.0 |
| 84.0 | 21.6 | 117.0 | 52 500* | 33.5 | 130.6 | 79 900* | 42.3 | 138.6 | 86 000* | 49.5 | 143.4 | 77 800* | | | | 84.0 |
| 88.0 | 10.6 | 102.4 | 50 400* | 27.7 | 123.6 | 73 600* | 37.7 | 133.7 | 80 500* | 45.6 | 139.6 | 72 700* | 52.3 | 142.9 | 65 100* | 88.0 |
| 92.0 | | | | 20.4 | 114.4 | 68 200* | 32.6 | 127.8 | 75 400* | 41.3 | 135.3 | 68 000* | 48.5 | 139.5 | 60 800* | 92.0 |
| 96.0 | | | | 7.8 | 97.5 | 64 400* | 26.6 | 120.6 | 70 700* | 36.6 | 130.2 | 63 700* | 44.4 | 135.6 | 56 800* | 96.0 |
| 100.0 | | | | | | | 18.8 | 110.6 | 66 300* | 31.4 | 124.1 | 59 700* | 40.1 | 131.0 | 53 100* | 100.0 |
| 104.0 | | | | | | | | | | 25.1 | 116.4 | 55 900* | 35.3 | 125.7 | 49 700* | 104.0 |
| 108.0 | | | | | | | | | | 16.7 | 105.5 | 52 300* | 29.8 | 119.2 | 46 500* | 108.0 |
| 112.0 | | | | | | | | | | | | | 23.1 | 110.9 | 43 400* | 112.0 |
| 116.0 | | | | | | | | | | | | | 13.5 | 98.3 | 40 400* | 116.0 |

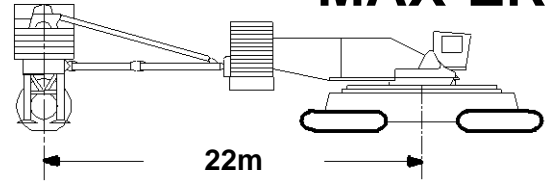


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

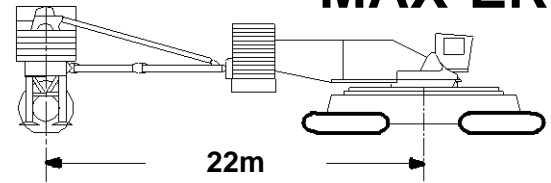
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.6 | 170.8 | 120 200* | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.3 | 170.6 | 119 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.9 | 170.0 | 118 900* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.5 | 169.4 | 119 100* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.1 | 168.6 | 118 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 68.6 | 167.9 | 116 400* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.2 | 167.0 | 113 000* | | | | | | | | | | | | | 44.0 |
| 46.0 | 65.7 | 166.1 | 109 400* | | | | | | | | | | | | | 46.0 |
| 48.0 | 64.2 | 165.2 | 105 800* | | | | | | | | | | | | | 48.0 |
| 50.0 | 62.7 | 164.1 | 102 100* | 68.2 | 166.6 | 124 000* | | | | | | | | | | 50.0 |
| 52.0 | 61.1 | 163.0 | 98 300* | 66.7 | 165.7 | 124 000* | | | | | | | | | | 52.0 |
| 54.0 | 59.6 | 161.9 | 94 600* | 65.3 | 164.8 | 124 000* | | | | | | | | | | 54.0 |
| 56.0 | 58.0 | 160.6 | 90 900* | 63.8 | 163.8 | 124 000* | | | | | | | | | | 56.0 |
| 58.0 | 56.4 | 159.3 | 87 200* | 62.2 | 162.8 | 123 900* | | | | | | | | | | 58.0 |
| 60.0 | 54.8 | 157.9 | 83 600* | 60.7 | 161.7 | 121 300* | | | | | | | | | | 60.0 |
| 62.0 | 53.1 | 156.4 | 80 100* | 59.1 | 160.5 | 118 200* | | | | | | | | | | 62.0 |
| 64.0 | 51.4 | 154.8 | 76 800* | 57.6 | 159.2 | 114 900* | 63.2 | 161.8 | 121 300* | | | | | | | 64.0 |
| 66.0 | 49.6 | 153.1 | 73 600* | 55.9 | 157.9 | 111 500* | 61.7 | 160.7 | 116 700* | | | | | | | 66.0 |
| 68.0 | 47.8 | 151.3 | 70 400* | 54.3 | 156.4 | 107 900* | 60.2 | 159.6 | 112 300* | | | | | | | 68.0 |
| 70.0 | 45.9 | 149.4 | 67 500* | 52.6 | 154.9 | 104 300* | 58.6 | 158.4 | 108 200* | | | | | | | 70.0 |
| 72.0 | 44.0 | 147.3 | 64 600* | 50.9 | 153.3 | 100 600* | 57.0 | 157.1 | 104 200* | | | | | | | 72.0 |
| 74.0 | 42.0 | 145.1 | 62 000* | 49.1 | 151.6 | 96 900* | 55.4 | 155.7 | 100 500* | | | | | | | 74.0 |
| 76.0 | 40.0 | 142.8 | 59 400* | 47.3 | 149.7 | 93 300* | 53.7 | 154.2 | 97 000* | | | | | | | 76.0 |
| 80.0 | 35.5 | 137.5 | 54 800* | 43.5 | 145.7 | 86 100* | 50.3 | 151.0 | 90 400* | 56.3 | 154.2 | 81 600* | | | | 80.0 |
| 84.0 | 30.5 | 131.2 | 50 800* | 39.3 | 141.0 | 79 400* | 46.6 | 147.4 | 84 500* | 53.0 | 151.2 | 76 100* | | | | 84.0 |
| 88.0 | 24.5 | 123.2 | 47 500* | 34.8 | 135.6 | 73 200* | 42.8 | 143.2 | 79 100* | 49.5 | 148.0 | 71 100* | | | | 88.0 |
| 92.0 | 16.6 | 112.2 | 45 100* | 29.7 | 129.1 | 67 700* | 38.6 | 138.5 | 74 100* | 45.8 | 144.2 | 66 500* | 52.0 | 147.5 | 59 100* | 92.0 |
| 96.0 | | | | 23.5 | 120.9 | 62 400* | 34.0 | 132.9 | 69 500* | 41.9 | 140.0 | 62 200* | 48.5 | 144.1 | 55 200* | 96.0 |
| 100.0 | | | | 15.1 | 109.0 | 57 200* | 28.7 | 126.1 | 65 100* | 37.6 | 135.0 | 58 300* | 44.8 | 140.2 | 51 500* | 100.0 |
| 104.0 | | | | | | | 22.3 | 117.5 | 61 100* | 32.9 | 129.2 | 54 600* | 40.8 | 135.8 | 48 100* | 104.0 |
| 108.0 | | | | | | | 13.1 | 104.5 | 57 100* | 27.4 | 122.2 | 51 200* | 36.4 | 130.6 | 45 000* | 108.0 |
| 112.0 | | | | | | | | | | 20.7 | 112.9 | 47 900* | 31.5 | 124.5 | 42 000* | 112.0 |
| 116.0 | | | | | | | | | | | | | 25.8 | 117.0 | 39 200* | 116.0 |
| 120.0 | | | | | | | | | | | | | 18.4 | 106.8 | 36 500* | 120.0 |

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 35.1 | 74.7 | 176.7 | 105 900* | | | | | | | | | | | | | 35.1 |
| 36.0 | 74.1 | 176.4 | 105 900* | | | | | | | | | | | | | 36.0 |
| 38.0 | 72.8 | 175.8 | 105 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 71.4 | 175.1 | 105 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 70.1 | 174.4 | 105 900* | | | | | | | | | | | | | 42.0 |
| 44.0 | 68.8 | 173.6 | 104 700* | | | | | | | | | | | | | 44.0 |
| 46.0 | 67.4 | 172.8 | 102 000* | | | | | | | | | | | | | 46.0 |
| 48.0 | 66.0 | 171.9 | 99 100* | | | | | | | | | | | | | 48.0 |
| 50.0 | 64.6 | 171.0 | 96 100* | | | | | | | | | | | | | 50.0 |
| 52.0 | 63.2 | 170.0 | 93 000* | 68.4 | 172.4 | 109 300* | | | | | | | | | | 52.0 |
| 54.0 | 61.8 | 168.9 | 89 900* | 67.0 | 171.5 | 109 300* | | | | | | | | | | 54.0 |
| 56.0 | 60.4 | 167.8 | 86 700* | 65.6 | 170.6 | 109 300* | | | | | | | | | | 56.0 |
| 58.0 | 58.9 | 166.6 | 83 500* | 64.2 | 169.6 | 109 300* | | | | | | | | | | 58.0 |
| 60.0 | 57.4 | 165.3 | 80 400* | 62.8 | 168.6 | 109 300* | | | | | | | | | | 60.0 |
| 62.0 | 55.9 | 163.9 | 77 300* | 61.4 | 167.5 | 109 300* | | | | | | | | | | 62.0 |
| 64.0 | 54.4 | 162.5 | 74 300* | 60.0 | 166.4 | 107 600* | | | | | | | | | | 64.0 |
| 66.0 | 52.8 | 161.0 | 71 300* | 58.5 | 165.2 | 103 500* | 63.8 | 167.6 | 109 200* | | | | | | | 66.0 |
| 68.0 | 51.2 | 159.4 | 68 500* | 57.0 | 163.9 | 99 300* | 62.3 | 166.6 | 109 100* | | | | | | | 68.0 |
| 70.0 | 49.6 | 157.7 | 65 700* | 55.5 | 162.5 | 95 100* | 60.9 | 165.5 | 106 200* | | | | | | | 70.0 |
| 72.0 | 47.9 | 155.9 | 63 100* | 53.9 | 161.0 | 90 900* | 59.5 | 164.3 | 102 200* | | | | | | | 72.0 |
| 74.0 | 46.2 | 154.0 | 60 600* | 52.4 | 159.5 | 86 700* | 58.0 | 163.0 | 98 500* | | | | | | | 74.0 |
| 76.0 | 44.4 | 152.0 | 58 200* | 50.7 | 157.9 | 82 600* | 56.5 | 161.7 | 95 000* | | | | | | | 76.0 |
| 80.0 | 40.6 | 147.5 | 53 600* | 47.4 | 154.3 | 74 700* | 53.4 | 158.8 | 88 500* | 58.8 | 161.4 | 79 400* | | | | 80.0 |
| 84.0 | 36.5 | 142.4 | 49 600* | 43.8 | 150.3 | 67 300* | 50.2 | 155.6 | 81 800* | 55.8 | 158.8 | 74 000* | | | | 84.0 |
| 88.0 | 32.0 | 136.4 | 46 100* | 40.1 | 145.8 | 60 300* | 46.8 | 152.0 | 74 100* | 52.7 | 155.9 | 69 000* | | | | 88.0 |
| 92.0 | 26.8 | 129.1 | 42 400* | 35.9 | 140.5 | 53 800* | 43.2 | 147.9 | 66 700* | 49.5 | 152.6 | 64 400* | | | | 92.0 |
| 96.0 | 20.4 | 119.6 | 37 500* | 31.3 | 134.4 | 47 800* | 39.4 | 143.2 | 59 800* | 46.0 | 148.8 | 60 200* | 51.8 | 152.1 | 52 900* | 96.0 |
| 100.0 | 10.6 | 104.5 | 33 400* | 26.0 | 126.9 | 42 400* | 35.2 | 137.9 | 53 400* | 42.4 | 144.6 | 56 300* | 48.5 | 148.7 | 49 400* | 100.0 |
| 104.0 | | | | 19.3 | 117.0 | 37 500* | 30.5 | 131.5 | 47 500* | 38.5 | 139.8 | 52 700* | 45.1 | 144.8 | 46 100* | 104.0 |
| 108.0 | | | | 8.2 | 99.8 | 33 600* | 24.9 | 123.7 | 41 900* | 34.2 | 134.3 | 49 300* | 41.4 | 140.5 | 43 000* | 108.0 |
| 112.0 | | | | | | | 17.9 | 113.1 | 37 200* | 29.3 | 127.6 | 46 100* | 37.4 | 135.5 | 40 100* | 112.0 |
| 116.0 | | | | | | | | | | 23.6 | 119.4 | 41 200* | 32.9 | 129.7 | 37 300* | 116.0 |
| 120.0 | | | | | | | | | | 15.9 | 107.8 | 36 600* | 27.9 | 122.7 | 34 700* | 120.0 |
| 124.0 | | | | | | | | | | | | | 21.8 | 113.7 | 32 200* | 124.0 |
| 128.0 | | | | | | | | | | | | | 13.1 | 100.5 | 29 800* | 128.0 |

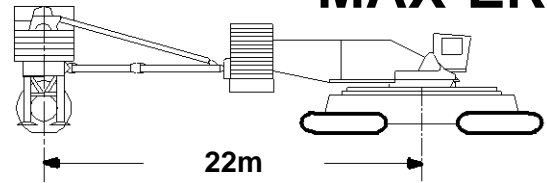


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 21.3 | | | c | | | | | | | | | | | | | 21.3 |
| 22.0 | | | c | | | | | | | | | | | | | 22.0 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 59.3 | 125.8 | 229 400* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 55.5 | 124.4 | 215 800* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 51.5 | 122.8 | 202 700* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 47.3 | 121.0 | 190 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 42.8 | 118.9 | 178 600* | 59.2 | 124.6 | 243 800* b | | | | | | | | | | 38.0 |
| 40.0 | 37.8 | 116.4 | 168 000* | 55.4 | 123.3 | 235 400* b | | | | | | | | | | 40.0 |
| 42.0 | 32.0 | 113.4 | 158 500* | 51.5 | 121.7 | 227 300* b | | | | | | | | | | 42.0 |
| 44.0 | 25.1 | 109.5 | 150 400* | 47.2 | 119.9 | 217 800* | | | | | | | | | | 44.0 |
| 46.0 | | | | 42.7 | 117.8 | 207 300* | 58.9 | 122.7 | 193 000* b | | | | | | | 46.0 |
| 48.0 | | | | 37.6 | 115.3 | 197 600* | 55.1 | 121.3 | 184 100* b | | | | | | | 48.0 |
| 50.0 | | | | 31.9 | 112.2 | 188 600* | 51.1 | 119.8 | 175 800* b | | | | | | | 50.0 |
| 52.0 | | | | 25.0 | 108.2 | 179 600* | 46.8 | 117.9 | 168 100* b | | | | | | | 52.0 |
| 54.0 | | | | 15.0 | 102.2 | 171 100* | 42.2 | 115.8 | 160 900* | 58.2 | 120.0 | 149 000* b | | | | 54.0 |
| 56.0 | | | | | | | 37.2 | 113.2 | 154 200* | 54.4 | 118.6 | 142 800* b | | | | 56.0 |
| 58.0 | | | | | | | 31.4 | 110.1 | 147 800* | 50.3 | 117.0 | 137 100* b | | | | 58.0 |
| 60.0 | | | | | | | 24.3 | 106.0 | 141 700* | 46.0 | 115.1 | 131 600* b | | | | 60.0 |
| 62.0 | | | | | | | 13.8 | 99.7 | 135 700* | 41.4 | 112.9 | 126 500* | | | | 62.0 |
| 64.0 | | | | | | | | | | 36.2 | 110.2 | 121 600* | 53.2 | 115.0 | 112 000* b | 64.0 |
| 66.0 | | | | | | | | | | 30.2 | 107.0 | 116 900* | 49.1 | 113.3 | 107 900* b | 66.0 |
| 68.0 | | | | | | | | | | 22.8 | 102.7 | 112 400* | 44.7 | 111.3 | 103 900* b | 68.0 |
| 70.0 | | | | | | | | | | 10.8 | 95.3 | 107 800* | 39.9 | 109.0 | 100 100* | 70.0 |
| 72.0 | | | | | | | | | | | | | 34.5 | 106.2 | 96 400* | 72.0 |
| 74.0 | | | | | | | | | | | | | 28.2 | 102.7 | 92 900* | 74.0 |
| 76.0 | | | | | | | | | | | | | 20.0 | 97.9 | 89 400* | 76.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

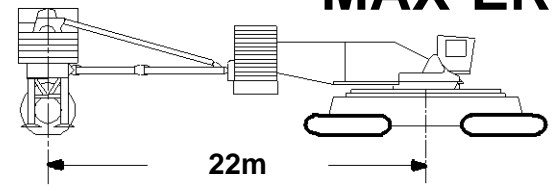
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 64.1 | 132.8 | 216 100*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 61.1 | 131.7 | 204 700*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 57.9 | 130.4 | 193 300*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 54.6 | 129.0 | 182 100* | | | c | | | | | | | | | | 36.0 |
| 38.0 | 51.2 | 127.4 | 171 400* | 64.0 | 131.7 | 233 300*b | | | | | | | | | | 38.0 |
| 40.0 | 47.6 | 125.6 | 161 300* | 61.0 | 130.5 | 226 300*b | | | | | | | | | | 40.0 |
| 42.0 | 43.7 | 123.6 | 151 800* | 57.8 | 129.3 | 219 200*b | | | | | | | | | | 42.0 |
| 44.0 | 39.6 | 121.2 | 143 100* | 54.5 | 127.9 | 212 100* | | | | | | | | | | 44.0 |
| 46.0 | 35.0 | 118.5 | 135 100* | 51.1 | 126.3 | 205 000* | 63.8 | 129.8 | 191 000*b | | | | | | | 46.0 |
| 48.0 | 29.8 | 115.1 | 128 100* | 47.5 | 124.5 | 195 700* | 60.7 | 128.6 | 182 000*b | | | | | | | 48.0 |
| 50.0 | 23.5 | 110.9 | 122 200* | 43.6 | 122.4 | 184 800* | 57.5 | 127.4 | 173 800*b | | | | | | | 50.0 |
| 52.0 | | | | 39.5 | 120.1 | 174 700* | 54.2 | 126.0 | 166 200*b | | | | | | | 52.0 |
| 54.0 | | | | 34.9 | 117.3 | 165 200* | 50.8 | 124.4 | 159 200* | | | | | | | 54.0 |
| 56.0 | | | | 29.6 | 114.0 | 156 300* | 47.2 | 122.5 | 152 600* | | | | | | | 56.0 |
| 58.0 | | | | 23.3 | 109.7 | 148 400* | 43.3 | 120.4 | 146 400* | 57.0 | 124.7 | 134 900*b | | | | 58.0 |
| 60.0 | | | | 14.4 | 103.3 | 142 000* | 39.1 | 118.0 | 140 600* | 53.6 | 123.2 | 129 600*b | | | | 60.0 |
| 62.0 | | | | | | | 34.5 | 115.2 | 135 100* | 50.2 | 121.6 | 124 600* | | | | 62.0 |
| 64.0 | | | | | | | 29.2 | 111.8 | 129 900* | 46.5 | 119.7 | 119 900* | | | | 64.0 |
| 66.0 | | | | | | | 22.7 | 107.5 | 124 900* | 42.6 | 117.6 | 115 400* | | | | 66.0 |
| 68.0 | | | | | | | 13.3 | 100.8 | 119 900* | 38.3 | 115.1 | 111 100* | 52.6 | 119.6 | 101 800* | 68.0 |
| 70.0 | | | | | | | | | | 33.6 | 112.2 | 107 100* | 49.1 | 117.9 | 98 100* | 70.0 |
| 72.0 | | | | | | | | | | 28.1 | 108.7 | 103 200* | 45.3 | 116.0 | 94 600* | 72.0 |
| 74.0 | | | | | | | | | | 21.3 | 104.0 | 99 400* | 41.3 | 113.7 | 91 200* | 74.0 |
| 76.0 | | | | | | | | | | 10.7 | 96.4 | 95 500* | 36.9 | 111.1 | 88 000* | 76.0 |
| 80.0 | | | | | | | | | | | | | 26.2 | 104.3 | 81 900* | 80.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

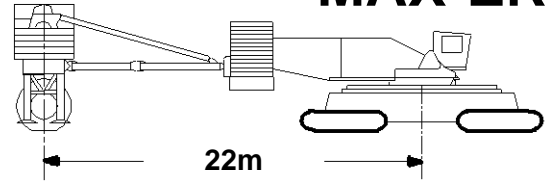


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | c | | | | | | | | | | | | | 24.4 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 67.6 | 139.5 | 202 700*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 65.0 | 138.6 | 193 400*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 62.3 | 137.6 | 183 800*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 59.6 | 136.4 | 174 200* | | | | | | | | | | | | | 36.0 |
| 38.0 | 56.8 | 135.1 | 164 800* | 67.5 | 138.4 | 222 000*b | | | | | | | | | | 38.0 |
| 40.0 | 53.9 | 133.7 | 155 600* | 64.9 | 137.5 | 216 500*b | | | | | | | | | | 40.0 |
| 42.0 | 50.9 | 132.0 | 146 900* | 62.3 | 136.4 | 210 500*b | | | | | | | | | | 42.0 |
| 44.0 | 47.8 | 130.3 | 138 600* | 59.6 | 135.3 | 204 600* | | | | | | | | | | 44.0 |
| 46.0 | 44.4 | 128.2 | 130 800* | 56.8 | 134.0 | 198 300* | | | | | | | | | | 46.0 |
| 48.0 | 40.9 | 126.0 | 123 600* | 53.9 | 132.5 | 189 400* | | | | | | | | | | 48.0 |
| 50.0 | 37.0 | 123.4 | 116 900* | 50.8 | 130.9 | 180 100* | 62.0 | 134.5 | 172 300*b | | | | | | | 50.0 |
| 52.0 | 32.8 | 120.4 | 110 900* | 47.7 | 129.1 | 171 000* | 59.3 | 133.3 | 164 800*b | | | | | | | 52.0 |
| 54.0 | 28.0 | 116.8 | 105 600* | 44.3 | 127.1 | 162 200* | 56.5 | 132.0 | 157 800* | | | | | | | 54.0 |
| 56.0 | 22.2 | 112.3 | 101 100* | 40.8 | 124.8 | 153 600* | 53.6 | 130.6 | 151 300* | | | | | | | 56.0 |
| 58.0 | | | | 36.9 | 122.2 | 145 500* | 50.6 | 128.9 | 145 200* | | | | | | | 58.0 |
| 60.0 | | | | 32.7 | 119.2 | 137 900* | 47.4 | 127.1 | 139 500* | 58.8 | 130.6 | 128 100*b | | | | 60.0 |
| 62.0 | | | | 27.9 | 115.6 | 130 900* | 44.0 | 125.1 | 134 100* | 56.0 | 129.3 | 123 100* | | | | 62.0 |
| 64.0 | | | | 22.0 | 111.1 | 124 700* | 40.5 | 122.8 | 129 000* | 53.1 | 127.8 | 118 400* | | | | 64.0 |
| 66.0 | | | | 13.9 | 104.4 | 119 600* | 36.6 | 120.2 | 124 200* | 50.0 | 126.2 | 114 100* | | | | 66.0 |
| 68.0 | | | | | | | 32.3 | 117.1 | 119 700* | 46.8 | 124.3 | 109 900* | | | | 68.0 |
| 70.0 | | | | | | | 27.4 | 113.5 | 115 300* | 43.4 | 122.2 | 105 900* | | | | 70.0 |
| 72.0 | | | | | | | 21.5 | 108.8 | 111 100* | 39.8 | 119.9 | 102 200* | 52.1 | 124.2 | 93 100* | 72.0 |
| 74.0 | | | | | | | 12.9 | 101.8 | 106 900* | 35.9 | 117.2 | 98 600* | 49.1 | 122.5 | 89 800* | 74.0 |
| 76.0 | | | | | | | | | | 31.5 | 114.1 | 95 200* | 45.8 | 120.6 | 86 700* | 76.0 |
| 80.0 | | | | | | | | | | 20.2 | 105.3 | 88 600* | 38.6 | 116.0 | 80 900* | 80.0 |
| 84.0 | | | | | | | | | | | | | 30.0 | 109.9 | 75 500* | 84.0 |
| 88.0 | | | | | | | | | | | | | 17.9 | 100.3 | 70 300* | 88.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

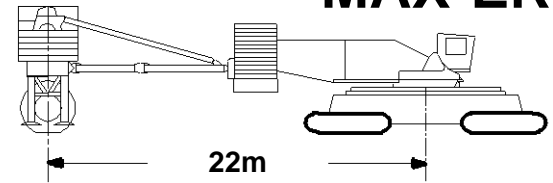
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight**
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | | | c | | | | | | | | | | | | | 25.9 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 70.2 | 146.1 | 187 300*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 67.9 | 145.3 | 181 200*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 65.7 | 144.4 | 173 400*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 63.3 | 143.4 | 165 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 60.9 | 142.3 | 157 400* | | | | | | | | | | | | | 38.0 |
| 40.0 | 58.5 | 141.1 | 149 400* | 67.9 | 144.2 | 203 300*b | | | | | | | | | | 40.0 |
| 42.0 | 56.0 | 139.7 | 141 600* | 65.6 | 143.3 | 200 500*b | | | | | | | | | | 42.0 |
| 44.0 | 53.4 | 138.3 | 134 000* | 63.3 | 142.3 | 195 000* | | | | | | | | | | 44.0 |
| 46.0 | 50.7 | 136.6 | 126 800* | 60.9 | 141.2 | 188 500* | | | | | | | | | | 46.0 |
| 48.0 | 47.9 | 134.9 | 120 000* | 58.4 | 139.9 | 181 300* | | | | | | | | | | 48.0 |
| 50.0 | 45.0 | 132.9 | 113 600* | 55.9 | 138.6 | 173 700* | | | | | | | | | | 50.0 |
| 52.0 | 41.9 | 130.7 | 107 600* | 53.3 | 137.1 | 165 900* | 63.1 | 140.4 | 162 600* | | | | | | | 52.0 |
| 54.0 | 38.5 | 128.2 | 102 000* | 50.6 | 135.5 | 158 200* | 60.7 | 139.3 | 155 700* | | | | | | | 54.0 |
| 56.0 | 35.0 | 125.4 | 96 900* | 47.8 | 133.7 | 150 500* | 58.2 | 138.0 | 149 200* | | | | | | | 56.0 |
| 58.0 | 31.0 | 122.2 | 92 300* | 44.9 | 131.7 | 143 000* | 55.7 | 136.7 | 143 200* | | | | | | | 58.0 |
| 60.0 | 26.5 | 118.4 | 88 200* | 41.8 | 129.5 | 135 800* | 53.1 | 135.2 | 137 500* | | | | | | | 60.0 |
| 62.0 | 21.1 | 113.7 | 84 800* | 38.5 | 127.1 | 128 900* | 50.4 | 133.5 | 132 200* | | | | | | | 62.0 |
| 64.0 | 13.7 | 106.9 | 82 500* | 34.9 | 124.3 | 122 400* | 47.6 | 131.7 | 127 200* | 57.8 | 135.3 | 116 200* | | | | 64.0 |
| 66.0 | | | | 30.9 | 121.0 | 116 400* | 44.6 | 129.7 | 122 500* | 55.2 | 133.9 | 111 900* | | | | 66.0 |
| 68.0 | | | | 26.4 | 117.2 | 110 900* | 41.5 | 127.5 | 118 000* | 52.6 | 132.4 | 107 800* | | | | 68.0 |
| 70.0 | | | | 21.0 | 112.4 | 105 900* | 38.2 | 125.0 | 113 800* | 49.9 | 130.8 | 103 900* | | | | 70.0 |
| 72.0 | | | | 13.5 | 105.5 | 101 900* | 34.6 | 122.2 | 109 800* | 47.1 | 128.9 | 100 200* | | | | 72.0 |
| 74.0 | | | | | | | 30.6 | 118.9 | 105 900* | 44.1 | 126.9 | 96 700* | | | | 74.0 |
| 76.0 | | | | | | | 26.0 | 115.1 | 102 300* | 40.9 | 124.6 | 93 400* | 51.8 | 128.8 | 84 500* | 76.0 |
| 80.0 | | | | | | | 12.6 | 102.9 | 95 100* | 33.9 | 119.2 | 87 100* | 46.2 | 125.2 | 78 800* | 80.0 |
| 84.0 | | | | | | | | | | 25.1 | 111.8 | 81 300* | 39.9 | 120.8 | 73 600* | 84.0 |
| 88.0 | | | | | | | | | | 10.6 | 98.5 | 75 700* | 32.7 | 115.1 | 68 800* | 88.0 |
| 92.0 | | | | | | | | | | | | | 23.5 | 107.3 | 64 200* | 92.0 |
| 96.0 | | | | | | | | | | | | | 5.3 | 90.3 | 59 500* | 96.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

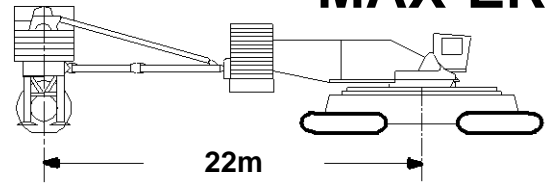


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | | | c | | | | | | | | | | | | | 27.4 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 72.3 | 152.6 | 168 500*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 70.3 | 151.9 | 168 400*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 68.2 | 151.1 | 162 800*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 66.2 | 150.2 | 156 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 64.1 | 149.2 | 149 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 62.0 | 148.2 | 142 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 59.8 | 147.0 | 136 200* | 68.2 | 149.9 | 182 200*b | | | | | | | | | | 42.0 |
| 44.0 | 57.6 | 145.7 | 129 500* | 66.1 | 149.1 | 181 000* | | | | | | | | | | 44.0 |
| 46.0 | 55.3 | 144.4 | 123 000* | 64.1 | 148.1 | 176 700* | | | | | | | | | | 46.0 |
| 48.0 | 52.9 | 142.9 | 116 800* | 61.9 | 147.0 | 171 500* | | | | | | | | | | 48.0 |
| 50.0 | 50.5 | 141.2 | 110 700* | 59.7 | 145.9 | 165 800* | | | | | | | | | | 50.0 |
| 52.0 | 48.0 | 139.5 | 105 100* | 57.5 | 144.6 | 159 600* | | | | | | | | | | 52.0 |
| 54.0 | 45.4 | 137.5 | 99 700* | 55.2 | 143.2 | 153 200* | 63.9 | 146.2 | 154 000* | | | | | | | 54.0 |
| 56.0 | 42.6 | 135.4 | 94 700* | 52.9 | 141.7 | 146 700* | 61.7 | 145.1 | 147 600* | | | | | | | 56.0 |
| 58.0 | 39.7 | 133.0 | 90 000* | 50.5 | 140.1 | 140 100* | 59.6 | 144.0 | 141 500* | | | | | | | 58.0 |
| 60.0 | 36.6 | 130.4 | 85 700* | 47.9 | 138.3 | 133 700* | 57.3 | 142.7 | 135 900* | | | | | | | 60.0 |
| 62.0 | 33.2 | 127.4 | 81 700* | 45.3 | 136.4 | 127 400* | 55.0 | 141.3 | 130 700* | | | | | | | 62.0 |
| 64.0 | 29.5 | 124.0 | 78 100* | 42.6 | 134.2 | 121 200* | 52.7 | 139.8 | 125 800* | | | | | | | 64.0 |
| 66.0 | 25.3 | 120.0 | 74 900* | 39.6 | 131.8 | 115 400* | 50.2 | 138.1 | 121 100* | 59.2 | 141.3 | 110 200* | | | | 66.0 |
| 68.0 | 20.3 | 115.0 | 72 300* | 36.5 | 129.2 | 109 800* | 47.7 | 136.3 | 116 700* | 56.9 | 140.0 | 106 100* | | | | 68.0 |
| 70.0 | 13.4 | 107.9 | 70 500* | 33.2 | 126.2 | 104 600* | 45.1 | 134.4 | 112 500* | 54.6 | 138.6 | 102 300* | | | | 70.0 |
| 72.0 | | | | 29.4 | 122.8 | 99 700* | 42.3 | 132.2 | 108 500* | 52.3 | 137.0 | 98 600* | | | | 72.0 |
| 74.0 | | | | 25.2 | 118.8 | 95 300* | 39.4 | 129.8 | 104 800* | 49.8 | 135.4 | 95 200* | | | | 74.0 |
| 76.0 | | | | 20.1 | 113.7 | 91 300* | 36.2 | 127.2 | 101 200* | 47.3 | 133.5 | 91 900* | | | | 76.0 |
| 80.0 | | | | | | | 29.1 | 120.7 | 94 500* | 41.8 | 129.3 | 85 800* | 51.5 | 133.4 | 77 100* | 80.0 |
| 84.0 | | | | | | | 19.6 | 111.4 | 88 300* | 35.7 | 124.2 | 80 200* | 46.5 | 129.8 | 72 100* | 84.0 |
| 88.0 | | | | | | | | | | 28.4 | 117.5 | 75 000* | 40.9 | 125.5 | 67 400* | 88.0 |
| 92.0 | | | | | | | | | | 18.5 | 107.9 | 70 100* | 34.6 | 120.1 | 63 000* | 92.0 |
| 96.0 | | | | | | | | | | | | | 27.1 | 113.2 | 59 000* | 96.0 |
| 100.0 | | | | | | | | | | | | | 16.5 | 102.7 | 55 000* | 100.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

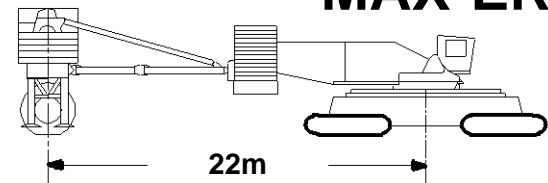
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 74.9 | 159.3 | 151 000* ^b | | | | | | | | | | | | | 29.0 |
| 30.0 | 73.9 | 159.0 | 151 000* ^b | | | | | | | | | | | | | 30.0 |
| 32.0 | 72.1 | 158.3 | 151 000* ^b | | | | | | | | | | | | | 32.0 |
| 34.0 | 70.3 | 157.6 | 150 300* ^b | | | | | | | | | | | | | 34.0 |
| 36.0 | 68.5 | 156.8 | 146 300* | | | | | | | | | | | | | 36.0 |
| 38.0 | 66.6 | 156.0 | 140 800* | | | | | | | | | | | | | 38.0 |
| 40.0 | 64.7 | 155.0 | 135 200* | | | | | | | | | | | | | 40.0 |
| 42.0 | 62.8 | 154.0 | 129 600* | | | | | | | | | | | | | 42.0 |
| 44.0 | 60.9 | 152.9 | 123 800* | 68.4 | 155.7 | 161 700* | | | | | | | | | | 44.0 |
| 46.0 | 58.9 | 151.7 | 118 200* | 66.6 | 154.9 | 161 700* | | | | | | | | | | 46.0 |
| 48.0 | 56.8 | 150.4 | 112 600* | 64.7 | 153.9 | 160 300* | | | | | | | | | | 48.0 |
| 50.0 | 54.7 | 149.0 | 107 200* | 62.8 | 152.9 | 155 800* | | | | | | | | | | 50.0 |
| 52.0 | 52.6 | 147.5 | 102 000* | 60.8 | 151.8 | 151 300* | | | | | | | | | | 52.0 |
| 54.0 | 50.4 | 145.8 | 97 000* | 58.8 | 150.6 | 146 300* | | | | | | | | | | 54.0 |
| 56.0 | 48.1 | 144.1 | 92 300* | 56.8 | 149.3 | 141 000* | | | | | | | | | | 56.0 |
| 58.0 | 45.7 | 142.1 | 87 800* | 54.7 | 147.9 | 135 500* | 62.6 | 151.0 | 139 400* | | | | | | | 58.0 |
| 60.0 | 43.2 | 140.0 | 83 600* | 52.5 | 146.3 | 130 000* | 60.6 | 149.9 | 133 800* | | | | | | | 60.0 |
| 62.0 | 40.6 | 137.7 | 79 700* | 50.3 | 144.7 | 124 500* | 58.6 | 148.7 | 128 500* | | | | | | | 62.0 |
| 64.0 | 37.9 | 135.2 | 75 900* | 48.0 | 142.9 | 118 900* | 56.6 | 147.4 | 123 600* | | | | | | | 64.0 |
| 66.0 | 35.0 | 132.4 | 72 500* | 45.7 | 141.0 | 113 700* | 54.5 | 145.9 | 119 000* | | | | | | | 66.0 |
| 68.0 | 31.8 | 129.3 | 69 400* | 43.2 | 138.9 | 108 500* | 52.4 | 144.4 | 114 600* | | | | | | | 68.0 |
| 70.0 | 28.3 | 125.7 | 66 600* | 40.6 | 136.6 | 103 500* | 50.1 | 142.7 | 110 500* | 58.3 | 146.0 | 100 000* | | | | 70.0 |
| 72.0 | 24.3 | 121.5 | 64 100* | 37.8 | 134.0 | 98 700* | 47.8 | 141.0 | 106 600* | 56.2 | 144.6 | 96 400* | | | | 72.0 |
| 74.0 | 19.5 | 116.3 | 62 000* | 34.9 | 131.2 | 94 200* | 45.5 | 139.0 | 102 900* | 54.1 | 143.2 | 93 000* | | | | 74.0 |
| 76.0 | 13.1 | 109.0 | 60 600* | 31.7 | 128.1 | 90 000* | 43.0 | 136.9 | 99 400* | 52.0 | 141.6 | 89 800* | | | | 76.0 |
| 80.0 | | | | 24.2 | 120.3 | 82 400* | 37.6 | 132.0 | 92 800* | 47.4 | 138.1 | 83 700* | | | | 80.0 |
| 84.0 | | | | 12.9 | 107.7 | 76 600* | 31.4 | 126.0 | 86 800* | 42.5 | 134.0 | 78 300* | 51.3 | 138.0 | 69 800* | 84.0 |
| 88.0 | | | | | | | 23.8 | 118.1 | 81 200* | 37.1 | 129.1 | 73 200* | 46.7 | 134.4 | 65 200* | 88.0 |
| 92.0 | | | | | | | 12.2 | 105.1 | 75 800* | 30.8 | 122.9 | 68 500* | 41.7 | 130.2 | 61 000* | 92.0 |
| 96.0 | | | | | | | | | | 23.0 | 114.7 | 64 100* | 36.2 | 125.1 | 57 000* | 96.0 |
| 100.0 | | | | | | | | | | 10.5 | 100.7 | 59 700* | 29.7 | 118.7 | 53 400* | 100.0 |
| 104.0 | | | | | | | | | | | | | 21.6 | 110.1 | 49 800* | 104.0 |
| 108.0 | | | | | | | | | | | | | 6.6 | 93.0 | 46 100* | 108.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

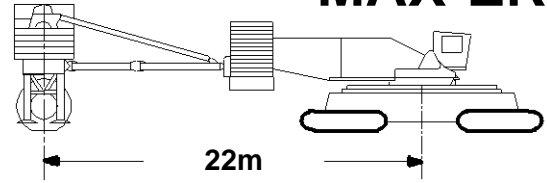


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.9 | 165.2 | 135 800*(b) | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.7 | 164.8 | 135 800*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.0 | 164.1 | 135 800* | | | | | | | | | | | | | 34.0 |
| 36.0 | 70.4 | 163.4 | 135 200* | | | | | | | | | | | | | 36.0 |
| 38.0 | 68.7 | 162.6 | 132 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 67.0 | 161.8 | 127 500* | | | | | | | | | | | | | 40.0 |
| 42.0 | 65.3 | 160.8 | 122 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 63.5 | 159.9 | 118 100* | | | | | | | | | | | | | 44.0 |
| 46.0 | 61.7 | 158.8 | 113 300* | 68.6 | 161.5 | 145 300* | | | | | | | | | | 46.0 |
| 48.0 | 59.9 | 157.6 | 108 500* | 66.9 | 160.6 | 145 300* | | | | | | | | | | 48.0 |
| 50.0 | 58.1 | 156.4 | 103 800* | 65.2 | 159.7 | 144 800* | | | | | | | | | | 50.0 |
| 52.0 | 56.2 | 155.1 | 99 100* | 63.5 | 158.7 | 141 900* | | | | | | | | | | 52.0 |
| 54.0 | 54.3 | 153.6 | 94 600* | 61.7 | 157.6 | 138 300* | | | | | | | | | | 54.0 |
| 56.0 | 52.3 | 152.1 | 90 300* | 59.9 | 156.5 | 134 400* | | | | | | | | | | 56.0 |
| 58.0 | 50.3 | 150.4 | 86 100* | 58.0 | 155.2 | 130 100* | | | | | | | | | | 58.0 |
| 60.0 | 48.2 | 148.7 | 82 200* | 56.2 | 153.9 | 125 600* | 63.3 | 156.8 | 131 900* | | | | | | | 60.0 |
| 62.0 | 46.0 | 146.8 | 78 400* | 54.2 | 152.5 | 121 000* | 61.5 | 155.8 | 126 700* | | | | | | | 62.0 |
| 64.0 | 43.8 | 144.7 | 74 800* | 52.3 | 150.9 | 116 400* | 59.7 | 154.6 | 121 800* | | | | | | | 64.0 |
| 66.0 | 41.4 | 142.5 | 71 500* | 50.2 | 149.3 | 111 700* | 57.9 | 153.3 | 117 200* | | | | | | | 66.0 |
| 68.0 | 38.9 | 140.0 | 68 300* | 48.1 | 147.5 | 107 100* | 56.0 | 152.0 | 112 900* | | | | | | | 68.0 |
| 70.0 | 36.3 | 137.3 | 65 400* | 46.0 | 145.6 | 102 600* | 54.1 | 150.6 | 108 800* | | | | | | | 70.0 |
| 72.0 | 33.5 | 134.4 | 62 700* | 43.7 | 143.5 | 98 200* | 52.1 | 149.0 | 104 900* | 59.4 | 151.9 | 94 500* | | | | 72.0 |
| 74.0 | 30.5 | 131.1 | 60 200* | 41.3 | 141.3 | 94 000* | 50.0 | 147.3 | 101 200* | 57.5 | 150.6 | 91 100* | | | | 74.0 |
| 76.0 | 27.2 | 127.3 | 58 000* | 38.9 | 138.8 | 89 900* | 47.9 | 145.6 | 97 700* | 55.6 | 149.3 | 87 900* | | | | 76.0 |
| 80.0 | 18.9 | 117.6 | 54 400* | 33.5 | 133.2 | 82 300* | 43.5 | 141.5 | 91 300* | 51.7 | 146.2 | 82 000* | | | | 80.0 |
| 84.0 | | | | 27.1 | 126.1 | 75 700* | 38.7 | 136.8 | 85 300* | 47.6 | 142.7 | 76 500* | | | | 84.0 |
| 88.0 | | | | 18.8 | 116.3 | 70 100* | 33.2 | 131.1 | 79 900* | 43.1 | 138.7 | 71 600* | 51.1 | 142.6 | 63 300* | 88.0 |
| 92.0 | | | | | | | 26.8 | 124.0 | 74 800* | 38.2 | 133.9 | 67 000* | 46.9 | 139.0 | 59 200* | 92.0 |
| 96.0 | | | | | | | 18.3 | 114.0 | 70 000* | 32.7 | 128.1 | 62 700* | 42.4 | 134.9 | 55 300* | 96.0 |
| 100.0 | | | | | | | | | | 26.1 | 120.8 | 58 700* | 37.4 | 130.0 | 51 700* | 100.0 |
| 104.0 | | | | | | | | | | 17.4 | 110.3 | 54 900* | 31.8 | 124.0 | 48 400* | 104.0 |
| 108.0 | | | | | | | | | | | | | 25.0 | 116.3 | 45 200* | 108.0 |
| 112.0 | | | | | | | | | | | | | 15.6 | 105.0 | 42 000* | 112.0 |

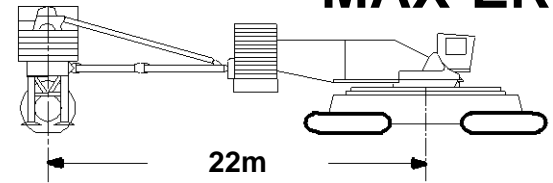
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 75.0 | 171.1 | 121 700* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 73.5 | 170.5 | 121 700* | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.9 | 169.9 | 121 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.4 | 169.2 | 121 700* | | | | | | | | | | | | | 38.0 |
| 40.0 | 68.8 | 168.4 | 118 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 67.3 | 167.5 | 115 100* | | | | | | | | | | | | | 42.0 |
| 44.0 | 65.7 | 166.6 | 111 200* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.1 | 165.7 | 107 300* | | | | | | | | | | | | | 46.0 |
| 48.0 | 62.5 | 164.6 | 103 200* | 68.8 | 167.3 | 128 800* | | | | | | | | | | 48.0 |
| 50.0 | 60.8 | 163.5 | 99 200* | 67.2 | 166.4 | 128 800* | | | | | | | | | | 50.0 |
| 52.0 | 59.1 | 162.3 | 95 100* | 65.7 | 165.5 | 128 800* | | | | | | | | | | 52.0 |
| 54.0 | 57.4 | 161.1 | 91 100* | 64.1 | 164.5 | 128 300* | | | | | | | | | | 54.0 |
| 56.0 | 55.7 | 159.7 | 87 200* | 62.4 | 163.5 | 126 000* | | | | | | | | | | 56.0 |
| 58.0 | 53.9 | 158.2 | 83 400* | 60.8 | 162.4 | 122 800* | | | | | | | | | | 58.0 |
| 60.0 | 52.0 | 156.7 | 79 800* | 59.1 | 161.2 | 119 300* | | | | | | | | | | 60.0 |
| 62.0 | 50.2 | 155.0 | 76 300* | 57.4 | 159.9 | 115 700* | 63.9 | 162.7 | 124 500* | | | | | | | 62.0 |
| 64.0 | 48.2 | 153.3 | 72 900* | 55.6 | 158.6 | 111 900* | 62.3 | 161.6 | 119 700* | | | | | | | 64.0 |
| 66.0 | 46.2 | 151.4 | 69 700* | 53.8 | 157.1 | 108 000* | 60.6 | 160.5 | 115 100* | | | | | | | 66.0 |
| 68.0 | 44.2 | 149.3 | 66 700* | 52.0 | 155.6 | 104 000* | 58.9 | 159.3 | 110 800* | | | | | | | 68.0 |
| 70.0 | 42.0 | 147.1 | 63 800* | 50.1 | 153.9 | 100 100* | 57.2 | 158.0 | 106 700* | | | | | | | 70.0 |
| 72.0 | 39.8 | 144.8 | 61 100* | 48.2 | 152.1 | 96 200* | 55.5 | 156.6 | 102 900* | | | | | | | 72.0 |
| 74.0 | 37.4 | 142.2 | 58 600* | 46.2 | 150.2 | 92 300* | 53.7 | 155.2 | 99 200* | | | | | | | 74.0 |
| 76.0 | 34.9 | 139.4 | 56 200* | 44.1 | 148.2 | 88 500* | 51.8 | 153.6 | 95 700* | 58.6 | 156.6 | 85 700* | | | | 76.0 |
| 80.0 | 29.4 | 132.9 | 52 100* | 39.7 | 143.6 | 81 400* | 48.0 | 150.2 | 89 300* | 55.1 | 153.9 | 79 800* | | | | 80.0 |
| 84.0 | 22.6 | 124.4 | 48 700* | 34.9 | 138.2 | 74 900* | 43.9 | 146.2 | 83 400* | 51.5 | 150.8 | 74 400* | | | | 84.0 |
| 88.0 | 12.7 | 111.2 | 46 700* | 29.3 | 131.7 | 69 000* | 39.5 | 141.6 | 78 100* | 47.7 | 147.4 | 69 500* | | | | 88.0 |
| 92.0 | | | | 22.5 | 123.2 | 64 000* | 34.7 | 136.2 | 73 200* | 43.6 | 143.3 | 65 000* | 50.9 | 147.2 | 57 000* | 92.0 |
| 96.0 | | | | 12.5 | 109.9 | 60 200* | 29.1 | 129.5 | 68 500* | 39.1 | 138.7 | 60 800* | 47.1 | 143.7 | 53 200* | 96.0 |
| 100.0 | | | | | | | 22.2 | 120.9 | 64 200* | 34.2 | 133.1 | 56 900* | 42.9 | 139.5 | 49 600* | 100.0 |
| 104.0 | | | | | | | 11.9 | 107.2 | 60 000* | 28.5 | 126.4 | 53 300* | 38.4 | 134.8 | 46 400* | 104.0 |
| 108.0 | | | | | | | | | | 21.5 | 117.5 | 49 800* | 33.4 | 129.1 | 43 300* | 108.0 |
| 112.0 | | | | | | | | | | 10.4 | 102.8 | 46 400* | 27.6 | 122.1 | 40 400* | 112.0 |
| 116.0 | | | | | | | | | | | | | 20.2 | 112.7 | 37 600* | 116.0 |
| 120.0 | | | | | | | | | | | | | 7.4 | 95.5 | 34 600* | 120.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

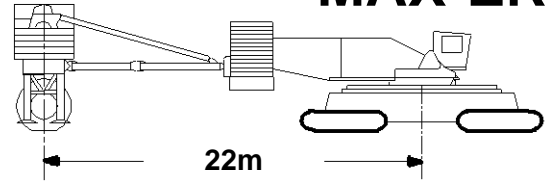


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

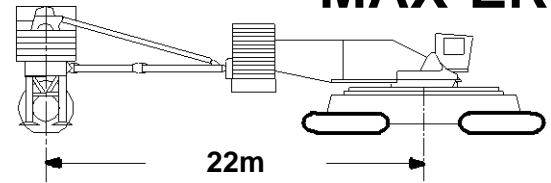
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 75.0 | 177.0 | 109 200* | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.7 | 176.9 | 109 200* | | | | | | | | | | | | | 34.0 |
| 36.0 | 73.3 | 176.3 | 109 200* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.9 | 175.6 | 109 200* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.4 | 174.9 | 109 100* | | | | | | | | | | | | | 40.0 |
| 42.0 | 69.0 | 174.1 | 107 500* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.5 | 173.3 | 104 200* | | | | | | | | | | | | | 44.0 |
| 46.0 | 66.1 | 172.4 | 100 900* | | | | | | | | | | | | | 46.0 |
| 48.0 | 64.6 | 171.5 | 97 600* | | | | | | | | | | | | | 48.0 |
| 50.0 | 63.1 | 170.5 | 94 200* | 69.0 | 173.0 | 114 300* | | | | | | | | | | 50.0 |
| 52.0 | 61.6 | 169.4 | 90 800* | 67.5 | 172.2 | 114 300* | | | | | | | | | | 52.0 |
| 54.0 | 60.0 | 168.2 | 87 300* | 66.0 | 171.3 | 114 300* | | | | | | | | | | 54.0 |
| 56.0 | 58.4 | 167.0 | 83 900* | 64.6 | 170.4 | 114 300* | | | | | | | | | | 56.0 |
| 58.0 | 56.8 | 165.7 | 80 500* | 63.0 | 169.3 | 114 200* | | | | | | | | | | 58.0 |
| 60.0 | 55.2 | 164.3 | 77 200* | 61.5 | 168.3 | 112 200* | | | | | | | | | | 60.0 |
| 62.0 | 53.5 | 162.9 | 74 000* | 60.0 | 167.1 | 109 400* | | | | | | | | | | 62.0 |
| 64.0 | 51.8 | 161.3 | 70 900* | 58.4 | 165.9 | 106 500* | 64.4 | 168.5 | 115 700* | | | | | | | 64.0 |
| 66.0 | 50.1 | 159.6 | 67 900* | 56.8 | 164.6 | 103 400* | 62.9 | 167.5 | 113 600* | | | | | | | 66.0 |
| 68.0 | 48.3 | 157.9 | 65 100* | 55.2 | 163.2 | 100 200* | 61.4 | 166.4 | 109 100* | | | | | | | 68.0 |
| 70.0 | 46.4 | 156.0 | 62 400* | 53.5 | 161.7 | 96 800* | 59.8 | 165.2 | 105 000* | | | | | | | 70.0 |
| 72.0 | 44.5 | 154.0 | 59 800* | 51.8 | 160.2 | 93 500* | 58.3 | 164.0 | 101 200* | | | | | | | 72.0 |
| 74.0 | 42.6 | 151.8 | 57 300* | 50.0 | 158.5 | 90 100* | 56.7 | 162.7 | 97 600* | | | | | | | 74.0 |
| 76.0 | 40.5 | 149.5 | 55 000* | 48.2 | 156.7 | 86 800* | 55.0 | 161.3 | 94 100* | | | | | | | 76.0 |
| 80.0 | 36.1 | 144.3 | 50 700* | 44.5 | 152.8 | 80 300* | 51.6 | 158.2 | 87 700* | 58.0 | 161.3 | 78 000* | | | | 80.0 |
| 84.0 | 31.2 | 138.2 | 47 100* | 40.5 | 148.3 | 74 100* | 48.1 | 154.8 | 81 900* | 54.7 | 158.5 | 72 700* | | | | 84.0 |
| 88.0 | 25.4 | 130.5 | 44 000* | 36.1 | 143.1 | 68 400* | 44.3 | 150.8 | 76 600* | 51.3 | 155.5 | 67 800* | | | | 88.0 |
| 92.0 | 17.9 | 120.0 | 41 700* | 31.1 | 137.0 | 63 300* | 40.3 | 146.3 | 71 700* | 47.8 | 152.0 | 63 400* | 54.2 | 155.0 | 55 200* | 92.0 |
| 96.0 | | | | 25.3 | 129.3 | 58 800* | 35.9 | 141.1 | 67 200* | 44.0 | 148.0 | 59 200* | 50.8 | 151.8 | 51 400* | 96.0 |
| 100.0 | | | | 17.8 | 118.8 | 55 100* | 30.9 | 134.9 | 63 000* | 39.9 | 143.4 | 55 500* | 47.2 | 148.3 | 48 000* | 100.0 |
| 104.0 | | | | | | | 25.0 | 127.1 | 59 100* | 35.4 | 138.1 | 51 900* | 43.4 | 144.2 | 44 700* | 104.0 |
| 108.0 | | | | | | | 17.4 | 116.4 | 55 300* | 30.4 | 131.8 | 48 600* | 39.3 | 139.5 | 41 700* | 108.0 |
| 112.0 | | | | | | | | | | 24.4 | 123.8 | 45 400* | 34.7 | 134.1 | 38 900* | 112.0 |
| 116.0 | | | | | | | | | | 16.5 | 112.7 | 42 300* | 29.6 | 127.6 | 36 200* | 116.0 |
| 120.0 | | | | | | | | | | | | | 23.4 | 119.3 | 33 700* | 120.0 |
| 124.0 | | | | | | | | | | | | | 14.9 | 107.3 | 31 100* | 124.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



91.4m (300 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 35.1 | 75.0 | 182.9 | 97 700* | | | | | | | | | | | | | 35.1 |
| 36.0 | 74.4 | 182.6 | 97 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 73.1 | 182.0 | 97 700* | | | | | | | | | | | | | 38.0 |
| 40.0 | 71.8 | 181.4 | 97 700* | | | | | | | | | | | | | 40.0 |
| 42.0 | 70.5 | 180.7 | 97 700* | | | | | | | | | | | | | 42.0 |
| 44.0 | 69.1 | 179.9 | 96 600* | | | | | | | | | | | | | 44.0 |
| 46.0 | 67.8 | 179.1 | 94 100* | | | | | | | | | | | | | 46.0 |
| 48.0 | 66.4 | 178.2 | 91 400* | | | | | | | | | | | | | 48.0 |
| 50.0 | 65.0 | 177.3 | 88 600* | | | | | | | | | | | | | 50.0 |
| 52.0 | 63.6 | 176.3 | 85 700* | 69.1 | 178.8 | 101 900* | | | | | | | | | | 52.0 |
| 54.0 | 62.2 | 175.3 | 82 800* | 67.7 | 178.0 | 101 900* | | | | | | | | | | 54.0 |
| 56.0 | 60.8 | 174.1 | 79 900* | 66.4 | 177.1 | 101 900* | | | | | | | | | | 56.0 |
| 58.0 | 59.3 | 173.0 | 77 000* | 65.0 | 176.2 | 101 900* | | | | | | | | | | 58.0 |
| 60.0 | 57.8 | 171.7 | 74 100* | 63.6 | 175.2 | 101 900* | | | | | | | | | | 60.0 |
| 62.0 | 56.3 | 170.4 | 71 200* | 62.2 | 174.1 | 101 600* | | | | | | | | | | 62.0 |
| 64.0 | 54.8 | 169.0 | 68 500* | 60.7 | 173.0 | 99 800* | | | | | | | | | | 64.0 |
| 66.0 | 53.2 | 167.5 | 65 700* | 59.3 | 171.8 | 97 500* | | | | | | | | | | 66.0 |
| 68.0 | 51.6 | 165.9 | 63 100* | 57.8 | 170.6 | 95 000* | 63.5 | 173.3 | 102 000* | | | | | | | 68.0 |
| 70.0 | 50.0 | 164.2 | 60 600* | 56.3 | 169.2 | 92 400* | 62.0 | 172.2 | 102 000* | | | | | | | 70.0 |
| 72.0 | 48.3 | 162.5 | 58 200* | 54.8 | 167.8 | 89 700* | 60.6 | 171.1 | 99 200* | | | | | | | 72.0 |
| 74.0 | 46.6 | 160.6 | 55 800* | 53.2 | 166.3 | 86 900* | 59.2 | 169.9 | 95 500* | | | | | | | 74.0 |
| 76.0 | 44.9 | 158.6 | 53 600* | 51.6 | 164.8 | 83 900* | 57.7 | 168.6 | 92 000* | | | | | | | 76.0 |
| 80.0 | 41.1 | 154.2 | 49 500* | 48.3 | 161.3 | 76 300* | 54.6 | 165.9 | 85 700* | | | | | | | 80.0 |
| 84.0 | 37.1 | 149.2 | 45 700* | 44.8 | 157.4 | 68 900* | 51.5 | 162.8 | 79 900* | 57.4 | 165.9 | 70 500* | | | | 84.0 |
| 88.0 | 32.6 | 143.3 | 42 500* | 41.1 | 153.1 | 62 000* | 48.2 | 159.4 | 74 700* | 54.3 | 163.2 | 65 700* | | | | 88.0 |
| 92.0 | 27.5 | 136.2 | 39 700* | 37.1 | 148.0 | 55 400* | 44.7 | 155.5 | 69 400* | 51.2 | 160.1 | 61 300* | | | | 92.0 |
| 96.0 | 21.3 | 127.2 | 37 500* | 32.6 | 142.1 | 49 400* | 40.9 | 151.1 | 62 300* | 47.8 | 156.6 | 57 200* | | | | 96.0 |
| 100.0 | 12.3 | 113.4 | 33 800* | 27.5 | 135.0 | 43 800* | 36.9 | 146.0 | 55 800* | 44.3 | 152.6 | 53 400* | 50.7 | 156.4 | 45 700* | 100.0 |
| 104.0 | | | | 21.3 | 125.9 | 38 800* | 32.4 | 140.0 | 49 700* | 40.6 | 148.2 | 49 900* | 47.3 | 152.9 | 42 600* | 104.0 |
| 108.0 | | | | 12.2 | 112.1 | 34 500* | 27.2 | 132.9 | 44 100* | 36.5 | 143.0 | 46 600* | 43.8 | 148.9 | 39 600* | 108.0 |
| 112.0 | | | | | | | 20.9 | 123.7 | 39 100* | 32.0 | 137.0 | 43 600* | 40.0 | 144.3 | 36 900* | 112.0 |
| 116.0 | | | | | | | 11.6 | 109.4 | 34 900* | 26.7 | 129.7 | 40 700* | 35.8 | 139.0 | 34 300* | 116.0 |
| 120.0 | | | | | | | | | | 20.3 | 120.2 | 37 900* | 31.2 | 132.8 | 31 800* | 120.0 |
| 124.0 | | | | | | | | | | 10.4 | 105.0 | 34 900* | 25.9 | 125.3 | 29 400* | 124.0 |
| 128.0 | | | | | | | | | | | | | 19.1 | 115.3 | 27 100* | 128.0 |
| 132.0 | | | | | | | | | | | | | 7.8 | 97.8 | 24 700* | 132.0 |

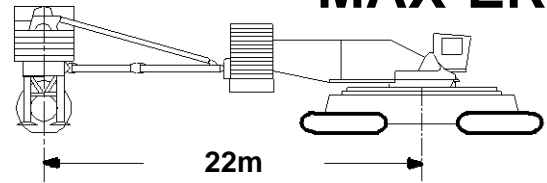


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 60.3 | 132.2 | 210 400*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 56.5 | 130.9 | 199 800*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 52.6 | 129.4 | 188 300*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 48.5 | 127.6 | 177 300*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 44.0 | 125.6 | 166 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 39.1 | 123.2 | 157 300* | 57.5 | 130.0 | 220 300*b | | | | | | | | | | 40.0 |
| 42.0 | 33.6 | 120.3 | 148 800* | 53.6 | 128.6 | 212 700*b | | | | | | | | | | 42.0 |
| 44.0 | 27.1 | 116.7 | 141 400* | 49.5 | 126.9 | 205 100*b | | | | | | | | | | 44.0 |
| 46.0 | 18.5 | 111.5 | 135 700* | 45.1 | 124.9 | 197 700*b | 61.8 | 129.6 | 189 200*b | | | | | | | 46.0 |
| 48.0 | | | | 40.4 | 122.6 | 189 200* | 58.1 | 128.3 | 180 300*b | | | | | | | 48.0 |
| 50.0 | | | | 35.0 | 119.9 | 178 800* | 54.3 | 126.9 | 172 200*b | | | | | | | 50.0 |
| 52.0 | | | | 28.8 | 116.5 | 169 500* | 50.2 | 125.3 | 164 700*b | | | | | | | 52.0 |
| 54.0 | | | | 20.9 | 111.8 | 161 400* | 45.9 | 123.4 | 157 600*b | | | | | | | 54.0 |
| 56.0 | | | | | | | 41.2 | 121.2 | 151 000* | | | | | | | 56.0 |
| 58.0 | | | | | | | 36.0 | 118.5 | 144 800* | 54.6 | 124.4 | 133 000*b | | | | 58.0 |
| 60.0 | | | | | | | 30.0 | 115.2 | 139 000* | 50.5 | 122.8 | 127 700*b | | | | 60.0 |
| 62.0 | | | | | | | 22.5 | 110.9 | 133 300* | 46.2 | 120.9 | 122 700*b | | | | 62.0 |
| 64.0 | | | | | | | 10.1 | 103.3 | 127 700* | 41.6 | 118.7 | 118 000* | | | | 64.0 |
| 66.0 | | | | | | | | | | 36.4 | 116.1 | 113 500* | | | | 66.0 |
| 68.0 | | | | | | | | | | 30.5 | 112.9 | 109 300* | 50.3 | 119.3 | 99 600*b | 68.0 |
| 70.0 | | | | | | | | | | 23.1 | 108.6 | 105 100* | 46.0 | 117.4 | 96 000*b | 70.0 |
| 72.0 | | | | | | | | | | | | | 41.3 | 115.2 | 92 500* | 72.0 |
| 74.0 | | | | | | | | | | | | | 36.1 | 112.6 | 89 200* | 74.0 |
| 76.0 | | | | | | | | | | | | | 30.1 | 109.3 | 86 000* | 76.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

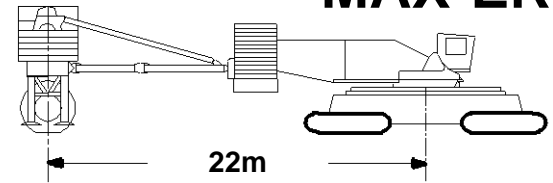
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | c | | | | | | | | | | | | | 24.4 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 64.9 | 139.1 | 194 000* b | | | | | | | | | | | | | 30.0 |
| 32.0 | 61.9 | 138.1 | 189 000* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 58.7 | 136.9 | 179 100* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 55.5 | 135.5 | 169 300* b | | | | | | | | | | | | | 36.0 |
| 38.0 | 52.1 | 134.0 | 159 800* | | | | | | | | | | | | | 38.0 |
| 40.0 | 48.5 | 132.2 | 150 700* | 62.6 | 137.2 | 211 000* b | | | | | | | | | | 40.0 |
| 42.0 | 44.8 | 130.2 | 142 200* | 59.5 | 136.0 | 204 700* b | | | | | | | | | | 42.0 |
| 44.0 | 40.7 | 128.0 | 134 300* | 56.3 | 134.7 | 198 200* b | | | | | | | | | | 44.0 |
| 46.0 | 36.3 | 125.3 | 127 100* | 52.9 | 133.2 | 191 500* b | | | | | | | | | | 46.0 |
| 48.0 | 31.2 | 122.2 | 120 700* | 49.4 | 131.5 | 183 000* | 63.1 | 135.4 | 178 200* b | | | | | | | 48.0 |
| 50.0 | 25.3 | 118.2 | 115 200* | 45.7 | 129.6 | 173 600* | 60.1 | 134.3 | 170 100* b | | | | | | | 50.0 |
| 52.0 | 17.5 | 112.7 | 111 000* | 41.7 | 127.4 | 164 600* | 56.9 | 133.0 | 162 700* b | | | | | | | 52.0 |
| 54.0 | | | | 37.4 | 124.8 | 156 000* | 53.5 | 131.5 | 155 700* b | | | | | | | 54.0 |
| 56.0 | | | | 32.5 | 121.8 | 147 900* | 50.0 | 129.9 | 149 300* | | | | | | | 56.0 |
| 58.0 | | | | 26.9 | 118.1 | 140 600* | 46.4 | 128.0 | 143 300* | | | | | | | 58.0 |
| 60.0 | | | | 19.6 | 113.1 | 134 200* | 42.4 | 125.9 | 137 600* | 57.1 | 130.5 | 125 500* b | | | | 60.0 |
| 62.0 | | | | | | | 38.2 | 123.4 | 132 200* | 53.8 | 129.0 | 120 600* b | | | | 62.0 |
| 64.0 | | | | | | | 33.4 | 120.5 | 127 200* | 50.3 | 127.4 | 116 100* | | | | 64.0 |
| 66.0 | | | | | | | 27.9 | 116.9 | 122 300* | 46.6 | 125.5 | 111 700* | | | | 66.0 |
| 68.0 | | | | | | | 21.1 | 112.2 | 117 600* | 42.7 | 123.4 | 107 600* | | | | 68.0 |
| 70.0 | | | | | | | 10.1 | 104.3 | 112 900* | 38.5 | 120.9 | 103 700* | | | | 70.0 |
| 72.0 | | | | | | | | | | 33.8 | 118.1 | 100 000* | 50.1 | 123.9 | 90 400* | 72.0 |
| 74.0 | | | | | | | | | | 28.3 | 114.6 | 96 400* | 46.4 | 122.1 | 87 200* | 74.0 |
| 76.0 | | | | | | | | | | 21.6 | 110.0 | 92 800* | 42.5 | 119.9 | 84 200* | 76.0 |
| 80.0 | | | | | | | | | | | | | 33.5 | 114.5 | 78 400* | 80.0 |
| 84.0 | | | | | | | | | | | | | 21.2 | 106.3 | 72 900* | 84.0 |

Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

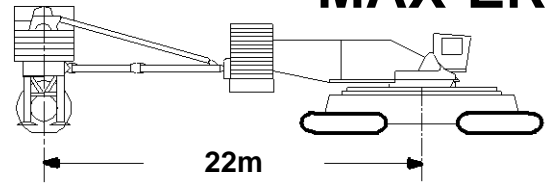


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | | | c | | | | | | | | | | | | | 25.9 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 68.3 | 145.8 | 177 300*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 65.7 | 144.9 | 175 300*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 63.0 | 143.9 | 170 300*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 60.3 | 142.8 | 161 500*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 57.6 | 141.5 | 153 200* | | | | | | | | | | | | | 38.0 |
| 40.0 | 54.7 | 140.1 | 145 000* | 66.3 | 144.0 | 201 400*b | | | | | | | | | | 40.0 |
| 42.0 | 51.7 | 138.6 | 137 200* | 63.7 | 143.0 | 196 100*b | | | | | | | | | | 42.0 |
| 44.0 | 48.6 | 136.8 | 129 800* | 61.0 | 141.9 | 190 600*b | | | | | | | | | | 44.0 |
| 46.0 | 45.3 | 134.9 | 122 800* | 58.2 | 140.7 | 184 200*b | | | | | | | | | | 46.0 |
| 48.0 | 41.8 | 132.7 | 116 200* | 55.4 | 139.3 | 176 300* | | | | | | | | | | 48.0 |
| 50.0 | 38.1 | 130.2 | 110 100* | 52.4 | 137.8 | 168 300* | | | | | | | | | | 50.0 |
| 52.0 | 34.0 | 127.3 | 104 600* | 49.4 | 136.1 | 160 200* | 61.5 | 140.2 | 161 100*b | | | | | | | 52.0 |
| 54.0 | 29.3 | 123.9 | 99 700* | 46.1 | 134.2 | 152 400* | 58.7 | 139.0 | 154 300*b | | | | | | | 54.0 |
| 56.0 | 23.9 | 119.7 | 95 500* | 42.7 | 132.1 | 144 800* | 55.9 | 137.6 | 147 900* | | | | | | | 56.0 |
| 58.0 | 16.7 | 113.9 | 92 300* | 39.0 | 129.6 | 137 500* | 53.0 | 136.1 | 141 900* | | | | | | | 58.0 |
| 60.0 | | | | 35.0 | 126.9 | 130 600* | 49.9 | 134.5 | 136 400* | | | | | | | 60.0 |
| 62.0 | | | | 30.5 | 123.6 | 124 200* | 46.7 | 132.6 | 131 100* | | | | | | | 62.0 |
| 64.0 | | | | 25.3 | 119.6 | 118 400* | 43.3 | 130.5 | 126 100* | 56.1 | 135.1 | 114 500* | | | | 64.0 |
| 66.0 | | | | 18.7 | 114.4 | 113 300* | 39.7 | 128.2 | 121 400* | 53.2 | 133.6 | 110 300* | | | | 66.0 |
| 68.0 | | | | | | | 35.7 | 125.5 | 117 000* | 50.1 | 132.0 | 106 300* | | | | 68.0 |
| 70.0 | | | | | | | 31.3 | 122.3 | 112 800* | 46.9 | 130.1 | 102 400* | | | | 70.0 |
| 72.0 | | | | | | | 26.3 | 118.5 | 108 700* | 43.6 | 128.1 | 98 800* | | | | 72.0 |
| 74.0 | | | | | | | 20.0 | 113.5 | 104 800* | 40.0 | 125.7 | 95 300* | 53.0 | 130.2 | 85 700* | 74.0 |
| 76.0 | | | | | | | 10.1 | 105.4 | 100 700* | 36.0 | 123.0 | 92 000* | 50.0 | 128.5 | 82 700* | 76.0 |
| 80.0 | | | | | | | | | | 26.7 | 116.2 | 85 800* | 43.4 | 124.6 | 77 100* | 80.0 |
| 84.0 | | | | | | | | | | | | | 35.8 | 119.5 | 72 000* | 84.0 |
| 88.0 | | | | | | | | | | | | | 26.4 | 112.6 | 67 200* | 88.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

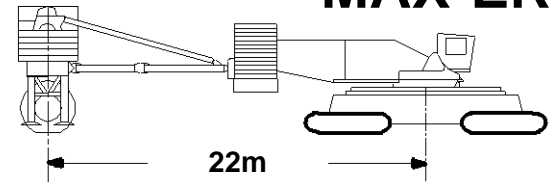
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | | | c | | | | | | | | | | | | | 27.4 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | 70.8 | 152.4 | 160 200*b | | | | | | | | | | | | | 30.0 |
| 32.0 | 68.5 | 151.6 | 159 200*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 66.3 | 150.7 | 157 500*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 63.9 | 149.8 | 153 400*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 61.6 | 148.7 | 146 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 59.1 | 147.5 | 138 900* | 69.1 | 150.6 | 177 000*b | | | | | | | | | | 40.0 |
| 42.0 | 56.6 | 146.2 | 131 900* | 66.8 | 149.8 | 177 000*b | | | | | | | | | | 42.0 |
| 44.0 | 54.1 | 144.7 | 125 200* | 64.5 | 148.8 | 177 000*b | | | | | | | | | | 44.0 |
| 46.0 | 51.4 | 143.2 | 118 800* | 62.1 | 147.8 | 173 900* | | | | | | | | | | 46.0 |
| 48.0 | 48.6 | 141.4 | 112 600* | 59.7 | 146.6 | 167 800* | | | | | | | | | | 48.0 |
| 50.0 | 45.8 | 139.5 | 106 700* | 57.3 | 145.3 | 161 400* | | | | | | | | | | 50.0 |
| 52.0 | 42.7 | 137.4 | 101 300* | 54.7 | 143.9 | 154 700* | | | | | | | | | | 52.0 |
| 54.0 | 39.5 | 135.0 | 96 200* | 52.1 | 142.4 | 148 000* | 62.6 | 146.0 | 152 100*b | | | | | | | 54.0 |
| 56.0 | 36.0 | 132.3 | 91 500* | 49.3 | 140.7 | 141 200* | 60.2 | 144.9 | 145 700* | | | | | | | 56.0 |
| 58.0 | 32.1 | 129.2 | 87 200* | 46.5 | 138.8 | 134 500* | 57.7 | 143.6 | 139 800* | | | | | | | 58.0 |
| 60.0 | 27.8 | 125.6 | 83 500* | 43.4 | 136.7 | 128 100* | 55.2 | 142.3 | 134 300* | | | | | | | 60.0 |
| 62.0 | 22.7 | 121.1 | 80 300* | 40.3 | 134.4 | 122 000* | 52.5 | 140.7 | 129 100* | | | | | | | 62.0 |
| 64.0 | 16.0 | 115.1 | 77 900* | 36.8 | 131.8 | 116 000* | 49.8 | 139.1 | 124 200* | | | | | | | 64.0 |
| 66.0 | | | | 33.1 | 128.8 | 110 500* | 47.0 | 137.2 | 119 600* | 57.9 | 141.1 | 108 000* | | | | 66.0 |
| 68.0 | | | | 28.9 | 125.3 | 105 400* | 44.0 | 135.2 | 115 200* | 55.3 | 139.7 | 104 000* | | | | 68.0 |
| 70.0 | | | | 24.0 | 121.1 | 100 700* | 40.8 | 132.9 | 111 100* | 52.7 | 138.2 | 100 200* | | | | 70.0 |
| 72.0 | | | | 17.9 | 115.6 | 96 800* | 37.4 | 130.4 | 107 200* | 50.0 | 136.6 | 96 700* | | | | 72.0 |
| 74.0 | | | | | | | 33.7 | 127.4 | 103 400* | 47.2 | 134.7 | 93 300* | | | | 74.0 |
| 76.0 | | | | | | | 29.6 | 124.1 | 99 900* | 44.2 | 132.7 | 90 100* | | | | 76.0 |
| 80.0 | | | | | | | 19.1 | 114.8 | 93 000* | 37.7 | 127.9 | 84 000* | 49.9 | 133.1 | 74 900* | 80.0 |
| 84.0 | | | | | | | | | | 30.0 | 121.7 | 78 500* | 44.0 | 129.3 | 69 900* | 84.0 |
| 88.0 | | | | | | | | | | 19.6 | 112.6 | 73 200* | 37.5 | 124.4 | 65 300* | 88.0 |
| 92.0 | | | | | | | | | | | | | 29.7 | 118.2 | 61 000* | 92.0 |
| 96.0 | | | | | | | | | | | | | 19.2 | 108.9 | 56 900* | 96.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

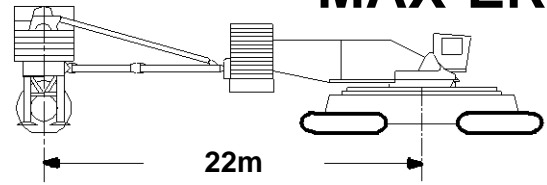


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | 73.8 | 159.2 | 145 000*(b) | | | | | | | | | | | | | 29.0 |
| 30.0 | 72.8 | 158.8 | 145 000*(b) | | | | | | | | | | | | | 30.0 |
| 32.0 | 70.8 | 158.1 | 144 700*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 68.8 | 157.4 | 143 900*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 66.7 | 156.5 | 142 700* | | | | | | | | | | | | | 36.0 |
| 38.0 | 64.7 | 155.6 | 138 500* | | | | | | | | | | | | | 38.0 |
| 40.0 | 62.5 | 154.5 | 132 400* | | | | | | | | | | | | | 40.0 |
| 42.0 | 60.4 | 153.4 | 126 300* | | | | | | | | | | | | | 42.0 |
| 44.0 | 58.2 | 152.2 | 120 400* | 67.2 | 155.5 | 165 800*(b) | | | | | | | | | | 44.0 |
| 46.0 | 55.9 | 150.8 | 114 600* | 65.2 | 154.6 | 162 600* | | | | | | | | | | 46.0 |
| 48.0 | 53.6 | 149.4 | 109 000* | 63.1 | 153.6 | 158 200* | | | | | | | | | | 48.0 |
| 50.0 | 51.2 | 147.8 | 103 600* | 60.9 | 152.5 | 153 400* | | | | | | | | | | 50.0 |
| 52.0 | 48.7 | 146.0 | 98 400* | 58.7 | 151.3 | 148 100* | | | | | | | | | | 52.0 |
| 54.0 | 46.1 | 144.1 | 93 500* | 56.5 | 150.0 | 142 600* | | | | | | | | | | 54.0 |
| 56.0 | 43.4 | 142.0 | 88 900* | 54.1 | 148.5 | 136 800* | 63.4 | 151.9 | 144 100* | | | | | | | 56.0 |
| 58.0 | 40.5 | 139.7 | 84 700* | 51.8 | 147.0 | 131 100* | 61.3 | 150.8 | 138 200* | | | | | | | 58.0 |
| 60.0 | 37.5 | 137.2 | 80 700* | 49.3 | 145.3 | 125 300* | 59.1 | 149.6 | 132 700* | | | | | | | 60.0 |
| 62.0 | 34.2 | 134.3 | 77 000* | 46.7 | 143.4 | 119 700* | 56.9 | 148.3 | 127 500* | | | | | | | 62.0 |
| 64.0 | 30.6 | 131.0 | 73 700* | 44.0 | 141.4 | 114 200* | 54.6 | 146.9 | 122 700* | | | | | | | 64.0 |
| 66.0 | 26.5 | 127.2 | 70 800* | 41.2 | 139.1 | 108 900* | 52.2 | 145.3 | 118 100* | | | | | | | 66.0 |
| 68.0 | 21.7 | 122.5 | 68 300* | 38.2 | 136.6 | 103 900* | 49.7 | 143.7 | 113 800* | | | | | | | 68.0 |
| 70.0 | 15.5 | 116.2 | 66 400* | 35.0 | 133.8 | 99 100* | 47.2 | 141.8 | 109 700* | 57.0 | 145.8 | 98 600* | | | | 70.0 |
| 72.0 | | | | 31.5 | 130.7 | 94 600* | 44.5 | 139.8 | 105 900* | 54.7 | 144.4 | 95 100* | | | | 72.0 |
| 74.0 | | | | 27.5 | 127.0 | 90 500* | 41.7 | 137.6 | 102 200* | 52.4 | 142.8 | 91 700* | | | | 74.0 |
| 76.0 | | | | 23.0 | 122.6 | 86 700* | 38.7 | 135.2 | 98 700* | 49.9 | 141.2 | 88 500* | | | | 76.0 |
| 80.0 | | | | | | | 32.1 | 129.3 | 92 200* | 44.7 | 137.3 | 82 600* | | | | 80.0 |
| 84.0 | | | | | | | 23.8 | 121.5 | 86 100* | 39.0 | 132.7 | 77 200* | 49.8 | 137.7 | 68 300* | 84.0 |
| 88.0 | | | | | | | 10.2 | 107.6 | 80 200* | 32.4 | 127.0 | 72 200* | 44.6 | 133.9 | 63 800* | 88.0 |
| 92.0 | | | | | | | | | | 24.2 | 119.2 | 67 500* | 38.8 | 129.2 | 59 600* | 92.0 |
| 96.0 | | | | | | | | | | 11.0 | 105.8 | 62 900* | 32.2 | 123.4 | 55 800* | 96.0 |
| 100.0 | | | | | | | | | | | | | 23.9 | 115.6 | 52 100* | 100.0 |

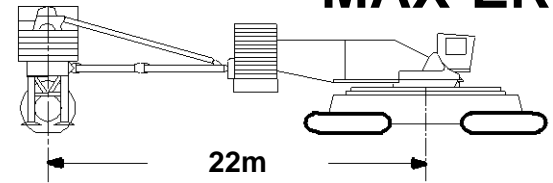
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.0 | 165.1 | 132 100* b | | | | | | | | | | | | | 30.5 |
| 32.0 | 72.6 | 164.6 | 130 700* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 70.8 | 163.9 | 130 400* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.0 | 163.1 | 129 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 67.1 | 162.3 | 128 900* | | | | | | | | | | | | | 38.0 |
| 40.0 | 65.2 | 161.4 | 125 100* | | | | | | | | | | | | | 40.0 |
| 42.0 | 63.3 | 160.4 | 119 900* | | | | | | | | | | | | | 42.0 |
| 44.0 | 61.4 | 159.3 | 114 800* | | | | | | | | | | | | | 44.0 |
| 46.0 | 59.4 | 158.1 | 109 800* | 67.6 | 161.3 | 148 000* | | | | | | | | | | 46.0 |
| 48.0 | 57.4 | 156.8 | 104 800* | 65.7 | 160.4 | 146 900* | | | | | | | | | | 48.0 |
| 50.0 | 55.3 | 155.5 | 99 900* | 63.8 | 159.4 | 143 800* | | | | | | | | | | 50.0 |
| 52.0 | 53.2 | 154.0 | 95 200* | 61.9 | 158.4 | 139 900* | | | | | | | | | | 52.0 |
| 54.0 | 51.0 | 152.4 | 90 700* | 59.9 | 157.2 | 135 500* | | | | | | | | | | 54.0 |
| 56.0 | 48.7 | 150.6 | 86 400* | 57.9 | 156.0 | 131 000* | | | | | | | | | | 56.0 |
| 58.0 | 46.4 | 148.7 | 82 300* | 55.8 | 154.6 | 126 200* | 64.1 | 157.7 | 135 900* | | | | | | | 58.0 |
| 60.0 | 43.9 | 146.7 | 78 400* | 53.7 | 153.2 | 121 300* | 62.2 | 156.7 | 130 400* | | | | | | | 60.0 |
| 62.0 | 41.3 | 144.4 | 74 800* | 51.5 | 151.6 | 116 400* | 60.2 | 155.5 | 125 300* | | | | | | | 62.0 |
| 64.0 | 38.6 | 142.0 | 71 400* | 49.3 | 149.9 | 111 500* | 58.2 | 154.3 | 120 500* | | | | | | | 64.0 |
| 66.0 | 35.8 | 139.3 | 68 200* | 46.9 | 148.0 | 106 700* | 56.2 | 152.9 | 116 000* | | | | | | | 66.0 |
| 68.0 | 32.6 | 136.2 | 65 300* | 44.5 | 146.0 | 102 000* | 54.1 | 151.5 | 111 700* | | | | | | | 68.0 |
| 70.0 | 29.2 | 132.8 | 62 700* | 42.0 | 143.8 | 97 600* | 51.9 | 150.0 | 107 700* | | | | | | | 70.0 |
| 72.0 | 25.4 | 128.8 | 60 400* | 39.3 | 141.4 | 93 200* | 49.7 | 148.3 | 103 800* | 58.4 | 151.7 | 92 700* | | | | 72.0 |
| 74.0 | 20.9 | 123.9 | 58 500* | 36.5 | 138.8 | 89 100* | 47.3 | 146.4 | 100 200* | 56.3 | 150.4 | 89 400* | | | | 74.0 |
| 76.0 | 15.1 | 117.4 | 57 000* | 33.4 | 135.8 | 85 200* | 44.9 | 144.5 | 96 800* | 54.2 | 149.0 | 86 300* | | | | 76.0 |
| 80.0 | | | | 26.4 | 128.6 | 78 200* | 39.8 | 139.9 | 90 400* | 49.8 | 145.8 | 80 500* | | | | 80.0 |
| 84.0 | | | | 16.7 | 118.0 | 72 500* | 34.0 | 134.4 | 84 500* | 45.1 | 142.0 | 75 200* | 54.1 | 145.6 | 65 900* | 84.0 |
| 88.0 | | | | | | | 27.0 | 127.4 | 79 100* | 40.0 | 137.5 | 70 300* | 49.7 | 142.3 | 61 500* | 88.0 |
| 92.0 | | | | | | | 17.7 | 117.3 | 73 900* | 34.2 | 132.0 | 65 700* | 45.0 | 138.5 | 57 500* | 92.0 |
| 96.0 | | | | | | | | | | 27.3 | 125.1 | 61 600* | 39.8 | 134.0 | 53 700* | 96.0 |
| 100.0 | | | | | | | | | | 18.1 | 115.1 | 57 500* | 34.0 | 128.5 | 50 200* | 100.0 |
| 104.0 | | | | | | | | | | | | | 27.1 | 121.5 | 46 900* | 104.0 |
| 108.0 | | | | | | | | | | | | | 17.8 | 111.4 | 43 700* | 108.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

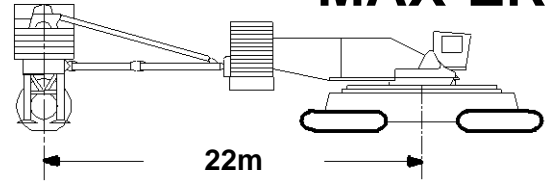


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.1 | 171.0 | 117 800*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.5 | 170.4 | 117 800*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 70.8 | 169.7 | 117 800* | | | | | | | | | | | | | 36.0 |
| 38.0 | 69.1 | 168.9 | 117 400* | | | | | | | | | | | | | 38.0 |
| 40.0 | 67.4 | 168.1 | 116 600* | | | | | | | | | | | | | 40.0 |
| 42.0 | 65.7 | 167.2 | 113 700* | | | | | | | | | | | | | 42.0 |
| 44.0 | 64.0 | 166.2 | 109 200* | | | | | | | | | | | | | 44.0 |
| 46.0 | 62.2 | 165.1 | 104 900* | 69.5 | 167.9 | 132 300* | | | | | | | | | | 46.0 |
| 48.0 | 60.4 | 164.0 | 100 600* | 67.8 | 167.1 | 132 300* | | | | | | | | | | 48.0 |
| 50.0 | 58.6 | 162.8 | 96 400* | 66.1 | 166.2 | 132 300* | | | | | | | | | | 50.0 |
| 52.0 | 56.7 | 161.5 | 92 200* | 64.4 | 165.3 | 130 900* | | | | | | | | | | 52.0 |
| 54.0 | 54.8 | 160.1 | 88 100* | 62.6 | 164.2 | 127 700* | | | | | | | | | | 54.0 |
| 56.0 | 52.8 | 158.6 | 84 200* | 60.8 | 163.1 | 124 300* | | | | | | | | | | 56.0 |
| 58.0 | 50.8 | 157.0 | 80 400* | 59.0 | 161.9 | 120 600* | | | | | | | | | | 58.0 |
| 60.0 | 48.7 | 155.2 | 76 800* | 57.2 | 160.6 | 116 700* | | | | | | | | | | 60.0 |
| 62.0 | 46.6 | 153.4 | 73 300* | 55.3 | 159.3 | 112 600* | 62.9 | 162.5 | 123 500* | | | | | | | 62.0 |
| 64.0 | 44.4 | 151.3 | 70 000* | 53.3 | 157.8 | 108 500* | 61.2 | 161.4 | 118 700* | | | | | | | 64.0 |
| 66.0 | 42.0 | 149.1 | 67 000* | 51.3 | 156.2 | 104 300* | 59.3 | 160.2 | 114 200* | | | | | | | 66.0 |
| 68.0 | 39.6 | 146.8 | 64 100* | 49.2 | 154.5 | 100 200* | 57.5 | 159.0 | 109 900* | | | | | | | 68.0 |
| 70.0 | 37.0 | 144.2 | 61 400* | 47.1 | 152.6 | 96 100* | 55.6 | 157.6 | 105 900* | | | | | | | 70.0 |
| 72.0 | 34.3 | 141.3 | 58 900* | 44.9 | 150.7 | 92 200* | 53.6 | 156.1 | 102 100* | | | | | | | 72.0 |
| 74.0 | 31.3 | 138.1 | 56 600* | 42.6 | 148.5 | 88 300* | 51.7 | 154.6 | 98 500* | | | | | | | 74.0 |
| 76.0 | 28.1 | 134.5 | 54 500* | 40.2 | 146.2 | 84 600* | 49.6 | 152.9 | 95 100* | 57.6 | 156.4 | 84 400* | | | | 76.0 |
| 80.0 | 20.2 | 125.2 | 51 200* | 35.0 | 140.8 | 77 800* | 45.3 | 149.1 | 88 700* | 53.8 | 153.6 | 78 600* | | | | 80.0 |
| 84.0 | | | | 28.9 | 134.2 | 71 600* | 40.6 | 144.7 | 82 900* | 49.8 | 150.4 | 73 300* | | | | 84.0 |
| 88.0 | | | | 21.3 | 125.3 | 66 400* | 35.4 | 139.4 | 77 600* | 45.5 | 146.6 | 68 500* | 53.7 | 150.2 | 59 600* | 88.0 |
| 92.0 | | | | | | | 29.5 | 132.9 | 72 700* | 40.8 | 142.2 | 64 100* | 49.6 | 146.9 | 55 600* | 92.0 |
| 96.0 | | | | | | | 22.0 | 124.3 | 68 100* | 35.6 | 137.0 | 60 000* | 45.3 | 143.2 | 51 900* | 96.0 |
| 100.0 | | | | | | | 10.2 | 109.7 | 63 500* | 29.7 | 130.6 | 56 200* | 40.7 | 138.7 | 48 500* | 100.0 |
| 104.0 | | | | | | | | | | 22.4 | 122.1 | 52 500* | 35.5 | 133.5 | 45 300* | 104.0 |
| 108.0 | | | | | | | | | | 10.8 | 107.9 | 48 900* | 29.5 | 127.0 | 42 200* | 108.0 |
| 112.0 | | | | | | | | | | | | | 22.1 | 118.5 | 39 300* | 112.0 |

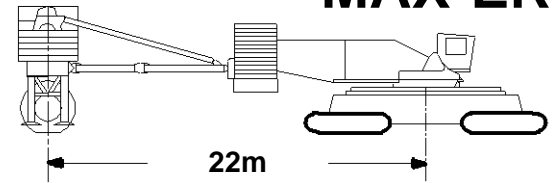
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.2 | 176.9 | 106 000*(b) | | | | | | | | | | | | | 33.5 |
| 34.0 | 73.9 | 176.7 | 106 000*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.3 | 176.1 | 106 000* | | | | | | | | | | | | | 36.0 |
| 38.0 | 70.8 | 175.4 | 106 000* | | | | | | | | | | | | | 38.0 |
| 40.0 | 69.3 | 174.7 | 105 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 67.7 | 173.8 | 105 300* | | | | | | | | | | | | | 42.0 |
| 44.0 | 66.1 | 173.0 | 102 900* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.5 | 172.0 | 99 100* | | | | | | | | | | | | | 46.0 |
| 48.0 | 62.9 | 171.0 | 95 500* | | | | | | | | | | | | | 48.0 |
| 50.0 | 61.2 | 169.9 | 91 800* | 68.1 | 172.9 | 118 800* | | | | | | | | | | 50.0 |
| 52.0 | 59.6 | 168.7 | 88 200* | 66.5 | 172.0 | 118 800* | | | | | | | | | | 52.0 |
| 54.0 | 57.9 | 167.5 | 84 600* | 64.9 | 171.1 | 118 300* | | | | | | | | | | 54.0 |
| 56.0 | 56.1 | 166.1 | 81 000* | 63.3 | 170.1 | 116 200* | | | | | | | | | | 56.0 |
| 58.0 | 54.4 | 164.7 | 77 600* | 61.6 | 169.0 | 113 400* | | | | | | | | | | 58.0 |
| 60.0 | 52.5 | 163.2 | 74 300* | 60.0 | 167.8 | 110 400* | | | | | | | | | | 60.0 |
| 62.0 | 50.7 | 161.6 | 71 100* | 58.3 | 166.6 | 107 300* | | | | | | | | | | 62.0 |
| 64.0 | 48.8 | 159.8 | 68 000* | 56.6 | 165.3 | 103 900* | 63.6 | 168.3 | 116 500* | | | | | | | 64.0 |
| 66.0 | 46.8 | 158.0 | 65 000* | 54.8 | 163.9 | 100 400* | 61.9 | 167.3 | 112 000* | | | | | | | 66.0 |
| 68.0 | 44.7 | 156.0 | 62 300* | 53.0 | 162.4 | 96 900* | 60.3 | 166.1 | 107 800* | | | | | | | 68.0 |
| 70.0 | 42.6 | 153.8 | 59 600* | 51.1 | 160.8 | 93 300* | 58.6 | 164.9 | 103 800* | | | | | | | 70.0 |
| 72.0 | 40.4 | 151.5 | 57 200* | 49.2 | 159.1 | 89 800* | 56.9 | 163.6 | 100 000* | | | | | | | 72.0 |
| 74.0 | 38.1 | 149.0 | 54 800* | 47.3 | 157.2 | 86 400* | 55.1 | 162.2 | 96 400* | | | | | | | 74.0 |
| 76.0 | 35.6 | 146.2 | 52 600* | 45.2 | 155.3 | 83 000* | 53.3 | 160.7 | 93 000* | | | | | | | 76.0 |
| 80.0 | 30.2 | 139.9 | 48 800* | 40.9 | 150.9 | 76 500* | 49.6 | 157.5 | 86 800* | 57.0 | 161.1 | 76 400* | | | | 80.0 |
| 84.0 | 23.6 | 131.7 | 45 600* | 36.2 | 145.7 | 70 500* | 45.6 | 153.7 | 81 000* | 53.4 | 158.2 | 71 200* | | | | 84.0 |
| 88.0 | 14.4 | 119.6 | 43 600* | 30.9 | 139.5 | 65 100* | 41.3 | 149.4 | 75 800* | 49.7 | 155.0 | 66 400* | | | | 88.0 |
| 92.0 | | | | 24.5 | 131.7 | 60 400* | 36.7 | 144.3 | 71 000* | 45.7 | 151.2 | 62 000* | 53.3 | 154.8 | 53 300* | 92.0 |
| 96.0 | | | | 15.8 | 120.3 | 56 700* | 31.4 | 138.2 | 66 500* | 41.5 | 146.9 | 58 000* | 49.6 | 151.5 | 49 700* | 96.0 |
| 100.0 | | | | | | | 25.1 | 130.5 | 62 300* | 36.8 | 141.9 | 54 300* | 45.6 | 147.8 | 46 300* | 100.0 |
| 104.0 | | | | | | | 16.7 | 119.7 | 58 300* | 31.6 | 135.8 | 50 800* | 41.4 | 143.5 | 43 200* | 104.0 |
| 108.0 | | | | | | | | | | 25.4 | 128.2 | 47 500* | 36.7 | 138.4 | 40 200* | 108.0 |
| 112.0 | | | | | | | | | | 17.1 | 117.5 | 44 300* | 31.4 | 132.3 | 37 500* | 112.0 |
| 116.0 | | | | | | | | | | | | | 25.2 | 124.6 | 34 800* | 116.0 |
| 120.0 | | | | | | | | | | | | | 16.8 | 113.8 | 32 200* | 120.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

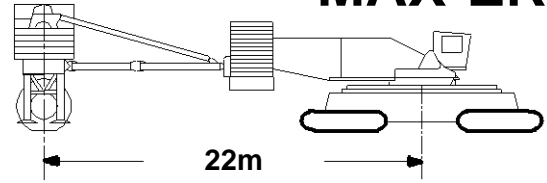


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

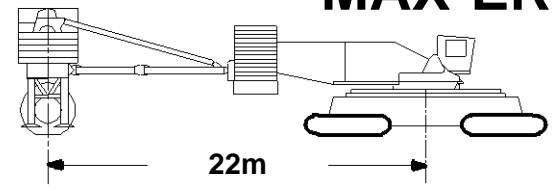
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 35.1 | 74.3 | 182.8 | 95 400* | | | | | | | | | | | | | 35.1 |
| 36.0 | 73.6 | 182.5 | 95 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 72.2 | 181.9 | 95 400* | | | | | | | | | | | | | 38.0 |
| 40.0 | 70.8 | 181.2 | 95 400* | | | | | | | | | | | | | 40.0 |
| 42.0 | 69.4 | 180.4 | 95 400* | | | | | | | | | | | | | 42.0 |
| 44.0 | 67.9 | 179.6 | 95 200* | | | | | | | | | | | | | 44.0 |
| 46.0 | 66.5 | 178.7 | 93 300* | | | | | | | | | | | | | 46.0 |
| 48.0 | 65.0 | 177.8 | 90 200* | | | | | | | | | | | | | 48.0 |
| 50.0 | 63.5 | 176.8 | 87 100* | | | | | | | | | | | | | 50.0 |
| 52.0 | 62.0 | 175.8 | 83 900* | 68.3 | 178.6 | 105 800* | | | | | | | | | | 52.0 |
| 54.0 | 60.4 | 174.6 | 80 800* | 66.8 | 177.8 | 105 800* | | | | | | | | | | 54.0 |
| 56.0 | 58.9 | 173.4 | 77 800* | 65.3 | 176.9 | 105 800* | | | | | | | | | | 56.0 |
| 58.0 | 57.3 | 172.1 | 74 700* | 63.8 | 175.9 | 105 700* | | | | | | | | | | 58.0 |
| 60.0 | 55.6 | 170.8 | 71 600* | 62.3 | 174.8 | 103 500* | | | | | | | | | | 60.0 |
| 62.0 | 54.0 | 169.3 | 68 700* | 60.8 | 173.7 | 101 200* | | | | | | | | | | 62.0 |
| 64.0 | 52.3 | 167.8 | 65 900* | 59.2 | 172.5 | 98 600* | | | | | | | | | | 64.0 |
| 66.0 | 50.6 | 166.2 | 63 200* | 57.6 | 171.3 | 95 800* | 64.1 | 174.1 | 107 400* | | | | | | | 66.0 |
| 68.0 | 48.8 | 164.4 | 60 600* | 56.0 | 169.9 | 92 900* | 62.6 | 173.1 | 105 800* | | | | | | | 68.0 |
| 70.0 | 46.9 | 162.6 | 58 000* | 54.4 | 168.5 | 90 000* | 61.1 | 172.0 | 102 100* | | | | | | | 70.0 |
| 72.0 | 45.1 | 160.6 | 55 700* | 52.7 | 167.0 | 87 000* | 59.5 | 170.8 | 98 300* | | | | | | | 72.0 |
| 74.0 | 43.1 | 158.5 | 53 400* | 51.0 | 165.4 | 83 900* | 57.9 | 169.6 | 94 800* | | | | | | | 74.0 |
| 76.0 | 41.1 | 156.2 | 51 200* | 49.2 | 163.7 | 80 900* | 56.3 | 168.3 | 91 400* | | | | | | | 76.0 |
| 80.0 | 36.7 | 151.1 | 47 300* | 45.5 | 159.9 | 75 100* | 53.0 | 165.4 | 85 100* | | | | | | | 80.0 |
| 84.0 | 31.9 | 145.1 | 43 900* | 41.6 | 155.6 | 69 500* | 49.5 | 162.1 | 79 400* | 56.4 | 165.7 | 69 400* | | | | 84.0 |
| 88.0 | 26.2 | 137.7 | 41 100* | 37.3 | 150.6 | 64 300* | 45.8 | 158.3 | 74 300* | 53.1 | 162.8 | 64 700* | | | | 88.0 |
| 92.0 | 19.0 | 127.8 | 38 900* | 32.5 | 144.7 | 59 500* | 41.9 | 154.1 | 69 500* | 49.6 | 159.6 | 60 400* | | | | 92.0 |
| 96.0 | 5.8 | 108.5 | 38 300* | 27.0 | 137.5 | 55 300* | 37.7 | 149.2 | 65 100* | 46.0 | 155.8 | 56 400* | 53.0 | 159.4 | 47 900* | 96.0 |
| 100.0 | | | | 20.0 | 128.0 | 51 800* | 32.9 | 143.4 | 61 000* | 42.1 | 151.6 | 52 700* | 49.5 | 156.1 | 44 600* | 100.0 |
| 104.0 | | | | | | | 27.5 | 136.3 | 57 200* | 37.8 | 146.7 | 49 300* | 45.9 | 152.4 | 41 500* | 104.0 |
| 108.0 | | | | | | | 20.7 | 127.1 | 53 500* | 33.1 | 141.0 | 46 100* | 42.0 | 148.1 | 38 600* | 108.0 |
| 112.0 | | | | | | | 10.2 | 111.9 | 49 900* | 27.7 | 134.0 | 43 000* | 37.7 | 143.2 | 35 900* | 112.0 |
| 116.0 | | | | | | | | | | 21.0 | 124.8 | 40 100* | 33.0 | 137.4 | 33 400* | 116.0 |
| 120.0 | | | | | | | | | | 10.7 | 110.1 | 37 200* | 27.5 | 130.4 | 30 900* | 120.0 |
| 124.0 | | | | | | | | | | | | | 20.8 | 121.2 | 28 600* | 124.0 |
| 128.0 | | | | | | | | | | | | | 10.3 | 106.1 | 26 200* | 128.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



97.5m (320 Ft.) Boom, 91.4m (300 Ft.) Luffing Jib

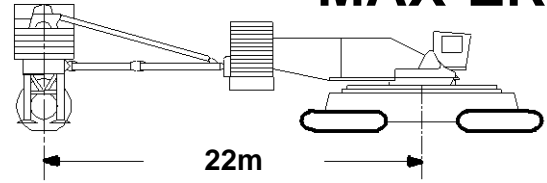
| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 36.6 | 74.4 | 188.7 | 85 600* | | | | | | | | | | 36.6 |
| 38.0 | 73.5 | 188.3 | 85 600* | | | | | | | | | | 38.0 |
| 40.0 | 72.1 | 187.6 | 85 600* | | | | | | | | | | 40.0 |
| 42.0 | 70.8 | 186.9 | 85 600* | | | | | | | | | | 42.0 |
| 44.0 | 69.5 | 186.2 | 85 600* | | | | | | | | | | 44.0 |
| 46.0 | 68.1 | 185.4 | 85 600* | | | | | | | | | | 46.0 |
| 48.0 | 66.8 | 184.5 | 84 600* | | | | | | | | | | 48.0 |
| 50.0 | 65.4 | 183.6 | 81 800* | | | | | | | | | | 50.0 |
| 52.0 | 64.0 | 182.6 | 79 100* | 69.8 | 185.2 | 93 800* | | | | | | | 52.0 |
| 54.0 | 62.6 | 181.6 | 76 500* | 68.5 | 184.4 | 93 800* | | | | | | | 54.0 |
| 56.0 | 61.2 | 180.5 | 73 900* | 67.1 | 183.6 | 93 800* | | | | | | | 56.0 |
| 58.0 | 59.7 | 179.3 | 71 200* | 65.7 | 182.7 | 93 800* | | | | | | | 58.0 |
| 60.0 | 58.2 | 178.1 | 68 500* | 64.3 | 181.7 | 93 800* | | | | | | | 60.0 |
| 62.0 | 56.7 | 176.8 | 65 900* | 62.9 | 180.7 | 93 700* | | | | | | | 62.0 |
| 64.0 | 55.2 | 175.4 | 63 400* | 61.5 | 179.6 | 92 200* | | | | | | | 64.0 |
| 66.0 | 53.7 | 174.0 | 60 900* | 60.1 | 178.5 | 90 100* | | | | | | | 66.0 |
| 68.0 | 52.1 | 172.4 | 58 500* | 58.6 | 177.2 | 87 900* | | | | | | | 68.0 |
| 70.0 | 50.4 | 170.8 | 56 200* | 57.1 | 175.9 | 85 500* | 63.2 | 179.0 | 94 900* | | | | 70.0 |
| 72.0 | 48.8 | 169.0 | 53 900* | 55.6 | 174.6 | 83 100* | 61.7 | 177.9 | 94 700* | | | | 72.0 |
| 74.0 | 47.1 | 167.2 | 51 800* | 54.0 | 173.1 | 80 600* | 60.3 | 176.7 | 92 800* | | | | 74.0 |
| 76.0 | 45.3 | 165.2 | 49 700* | 52.5 | 171.6 | 78 000* | 58.8 | 175.5 | 89 300* | | | | 76.0 |
| 80.0 | 41.6 | 160.9 | 45 900* | 49.2 | 168.3 | 72 900* | 55.8 | 172.9 | 83 100* | | | | 80.0 |
| 84.0 | 37.7 | 156.0 | 42 500* | 45.8 | 164.5 | 67 800* | 52.7 | 170.0 | 77 400* | 58.9 | 173.0 | 67 100* | 84.0 |
| 88.0 | 33.3 | 150.2 | 39 500* | 42.1 | 160.3 | 63 100* | 49.5 | 166.7 | 72 300* | 56.0 | 170.4 | 62 500* | 88.0 |
| 92.0 | 28.3 | 143.3 | 36 900* | 38.2 | 155.4 | 56 900* | 46.1 | 163.0 | 67 600* | 52.8 | 167.4 | 58 200* | 92.0 |
| 96.0 | 22.3 | 134.6 | 34 800* | 33.8 | 149.8 | 50 900* | 42.4 | 158.8 | 63 200* | 49.6 | 164.2 | 54 300* | 96.0 |
| 100.0 | 13.9 | 121.9 | 33 500* | 28.9 | 143.1 | 45 200* | 38.5 | 154.0 | 58 300* | 46.2 | 160.5 | 50 700* | 100.0 |
| 104.0 | | | | 23.1 | 134.6 | 40 100* | 34.2 | 148.4 | 52 000* | 42.6 | 156.3 | 47 300* | 104.0 |
| 108.0 | | | | 15.1 | 122.6 | 35 500* | 29.4 | 141.8 | 46 300* | 38.7 | 151.5 | 44 100* | 108.0 |
| 112.0 | | | | | | | 23.6 | 133.5 | 41 100* | 34.4 | 146.0 | 41 100* | 112.0 |
| 116.0 | | | | | | | 16.0 | 122.0 | 36 500* | 29.6 | 139.4 | 38 400* | 116.0 |
| 120.0 | | | | | | | | | | 23.9 | 131.2 | 35 700* | 120.0 |
| 124.0 | | | | | | | | | | 16.3 | 119.9 | 33 100* | 124.0 |

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 22.9 | | | c | | | | | | | | | | | | | 22.9 |
| 24.0 | | | c | | | | | | | | | | | | | 24.0 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | | | c | | | | | | | | | | | | | 30.0 |
| 32.0 | 57.6 | 137.3 | 184 100*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 53.7 | 135.9 | 174 100*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 49.6 | 134.2 | 164 300*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 45.2 | 132.2 | 155 000*b | | | | | | | | | | | | | 38.0 |
| 40.0 | 40.5 | 130.0 | 146 500* | 59.4 | 136.7 | 204 200*b | | | | | | | | | | 40.0 |
| 42.0 | 35.2 | 127.2 | 138 700* | 55.7 | 135.4 | 197 200*b | | | | | | | | | | 42.0 |
| 44.0 | 29.0 | 123.8 | 131 800* | 51.7 | 133.8 | 190 200*b | | | | | | | | | | 44.0 |
| 46.0 | 21.1 | 119.2 | 126 300* | 47.5 | 132.0 | 183 400*b | | | | | | | | | | 46.0 |
| 48.0 | | | | 42.9 | 129.9 | 176 200*b | | | | | | | | | | 48.0 |
| 50.0 | | | | 37.9 | 127.4 | 167 400* | 57.3 | 133.9 | 168 100*b | | | | | | | 50.0 |
| 52.0 | | | | 32.3 | 124.4 | 158 900* | 53.4 | 132.5 | 160 700*b | | | | | | | 52.0 |
| 54.0 | | | | 25.4 | 120.5 | 151 200* | 49.3 | 130.8 | 153 800*b | | | | | | | 54.0 |
| 56.0 | | | | 15.8 | 114.7 | 144 900* | 44.9 | 128.8 | 147 400*b | | | | | | | 56.0 |
| 58.0 | | | | | | | 40.2 | 126.5 | 141 400* | 58.5 | 131.6 | 128 200*b | | | | 58.0 |
| 60.0 | | | | | | | 34.8 | 123.8 | 135 700* | 54.7 | 130.2 | 123 100*b | | | | 60.0 |
| 62.0 | | | | | | | 28.6 | 120.3 | 130 300* | 50.7 | 128.6 | 118 300*b | | | | 62.0 |
| 64.0 | | | | | | | 20.5 | 115.6 | 125 000* | 46.4 | 126.7 | 113 800*b | | | | 64.0 |
| 66.0 | | | | | | | | | | 41.8 | 124.5 | 109 500* | | | | 66.0 |
| 68.0 | | | | | | | | | | 36.6 | 121.9 | 105 400* | | | | 68.0 |
| 70.0 | | | | | | | | | | 30.8 | 118.7 | 101 500* | 51.5 | 125.4 | 91 200*b | 70.0 |
| 72.0 | | | | | | | | | | 23.5 | 114.6 | 97 600* | 47.3 | 123.5 | 87 800*b | 72.0 |
| 74.0 | | | | | | | | | | | | | 42.7 | 121.4 | 84 700* | 74.0 |
| 76.0 | | | | | | | | | | | | | 37.7 | 118.9 | 81 700* | 76.0 |
| 80.0 | | | | | | | | | | | | | 25.0 | 111.9 | 75 800* | 80.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

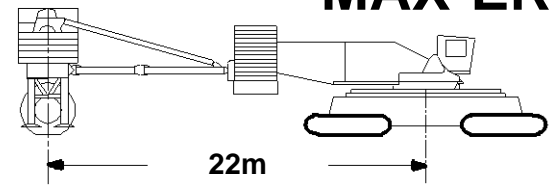
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 24.4 | | | c | | | | | | | | | | | | | 24.4 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | | | c | | | | | | | | | | | | | 30.0 |
| 32.0 | 62.7 | 144.4 | 171 300*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 59.6 | 143.3 | 165 400*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 56.4 | 141.9 | 156 500*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 53.0 | 140.5 | 148 100*b | | | c | | | | | | | | | | 38.0 |
| 40.0 | 49.5 | 138.8 | 140 000* | 64.2 | 143.7 | 194 000*b | | | | | | | | | | 40.0 |
| 42.0 | 45.8 | 136.9 | 132 400* | 61.2 | 142.6 | 189 600*b | | | | | | | | | | 42.0 |
| 44.0 | 41.8 | 134.7 | 125 300* | 58.0 | 141.4 | 183 300*b | | | | | | | | | | 44.0 |
| 46.0 | 37.5 | 132.1 | 118 700* | 54.7 | 140.0 | 177 400*b | | | | | | | | | | 46.0 |
| 48.0 | 32.6 | 129.1 | 112 800* | 51.3 | 138.4 | 170 200*b | | | | | | | | | | 48.0 |
| 50.0 | 27.0 | 125.5 | 107 600* | 47.7 | 136.6 | 161 900* | 62.5 | 141.1 | 165 900*b | | | | | | | 50.0 |
| 52.0 | 19.9 | 120.5 | 103 500* | 43.9 | 134.6 | 153 900* | 59.4 | 139.9 | 158 600*b | | | | | | | 52.0 |
| 54.0 | | | | 39.7 | 132.2 | 146 100* | 56.2 | 138.6 | 151 800*b | | | | | | | 54.0 |
| 56.0 | | | | 35.2 | 129.5 | 138 900* | 52.8 | 137.1 | 145 500*b | | | | | | | 56.0 |
| 58.0 | | | | 30.0 | 126.2 | 132 200* | 49.3 | 135.4 | 139 600* | | | | | | | 58.0 |
| 60.0 | | | | 23.7 | 122.0 | 126 100* | 45.6 | 133.5 | 134 100* | | | | | | | 60.0 |
| 62.0 | | | | 15.1 | 115.8 | 121 200* | 41.6 | 131.3 | 128 900* | 57.2 | 136.2 | 116 100*b | | | | 62.0 |
| 64.0 | | | | | | | 37.2 | 128.7 | 123 900* | 53.9 | 134.8 | 111 700*b | | | | 64.0 |
| 66.0 | | | | | | | 32.3 | 125.7 | 119 300* | 50.5 | 133.2 | 107 500* | | | | 66.0 |
| 68.0 | | | | | | | 26.6 | 121.9 | 114 800* | 46.8 | 131.3 | 103 600* | | | | 68.0 |
| 70.0 | | | | | | | 19.3 | 116.9 | 110 400* | 42.9 | 129.2 | 99 800* | | | | 70.0 |
| 72.0 | | | | | | | | | | 38.7 | 126.8 | 96 200* | | | | 72.0 |
| 74.0 | | | | | | | | | | 34.0 | 123.9 | 92 800* | 51.1 | 130.0 | 82 600* | 74.0 |
| 76.0 | | | | | | | | | | 28.6 | 120.4 | 89 400* | 47.5 | 128.2 | 79 700* | 76.0 |
| 80.0 | | | | | | | | | | | | | 39.5 | 123.7 | 74 200* | 80.0 |
| 84.0 | | | | | | | | | | | | | 29.7 | 117.6 | 69 100* | 84.0 |
| 88.0 | | | | | | | | | | | | | 14.5 | 107.0 | 64 100* | 88.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

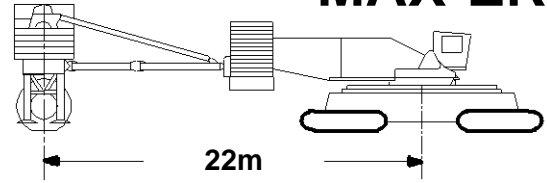


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 25.9 | | | c | | | | | | | | | | | | | 25.9 |
| 26.0 | | | c | | | | | | | | | | | | | 26.0 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | | | c | | | | | | | | | | | | | 30.0 |
| 32.0 | 66.4 | 151.3 | 156 800*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 63.8 | 150.3 | 154 500*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 61.1 | 149.2 | 149 400*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 58.3 | 147.9 | 141 700*b | | | | | | | | | | | | | 38.0 |
| 40.0 | 55.5 | 146.6 | 134 500* | 67.7 | 150.5 | 177 000*b | | | | | | | | | | 40.0 |
| 42.0 | 52.5 | 145.1 | 127 500* | 65.1 | 149.5 | 176 700*b | | | | | | | | | | 42.0 |
| 44.0 | 49.4 | 143.4 | 120 900* | 62.4 | 148.5 | 173 300*b | | | | | | | | | | 44.0 |
| 46.0 | 46.2 | 141.5 | 114 500* | 59.7 | 147.3 | 168 200*b | | | | | | | | | | 46.0 |
| 48.0 | 42.8 | 139.4 | 108 600* | 56.9 | 146.0 | 162 900*b | | | | | | | | | | 48.0 |
| 50.0 | 39.1 | 137.0 | 103 100* | 54.0 | 144.6 | 156 400* | | | | | | | | | | 50.0 |
| 52.0 | 35.1 | 134.2 | 98 000* | 51.0 | 143.0 | 149 300* | 63.6 | 146.9 | 157 000*b | | | | | | | 52.0 |
| 54.0 | 30.6 | 131.0 | 93 400* | 47.9 | 141.2 | 142 400* | 60.9 | 145.8 | 150 300*b | | | | | | | 54.0 |
| 56.0 | 25.4 | 127.0 | 89 500* | 44.5 | 139.2 | 135 600* | 58.1 | 144.6 | 144 000*b | | | | | | | 56.0 |
| 58.0 | 18.9 | 121.8 | 86 500* | 41.0 | 137.0 | 129 000* | 55.3 | 143.2 | 138 200* | | | | | | | 58.0 |
| 60.0 | | | | 37.2 | 134.4 | 122 800* | 52.3 | 141.7 | 132 800* | | | | | | | 60.0 |
| 62.0 | | | | 33.0 | 131.4 | 117 000* | 49.2 | 140.0 | 127 600* | | | | | | | 62.0 |
| 64.0 | | | | 28.2 | 127.9 | 111 600* | 46.0 | 138.1 | 122 800* | 59.1 | 142.2 | 110 000*b | | | | 64.0 |
| 66.0 | | | | 22.4 | 123.4 | 106 800* | 42.6 | 135.9 | 118 200* | 56.2 | 140.9 | 106 000* | | | | 66.0 |
| 68.0 | | | | 14.5 | 117.0 | 102 900* | 38.9 | 133.5 | 113 900* | 53.3 | 139.4 | 102 100* | | | | 68.0 |
| 70.0 | | | | | | | 34.8 | 130.7 | 109 800* | 50.3 | 137.8 | 98 400* | | | | 70.0 |
| 72.0 | | | | | | | 30.3 | 127.5 | 105 900* | 47.1 | 135.9 | 94 900* | | | | 72.0 |
| 74.0 | | | | | | | | | | 25.1 | 123.4 | 102 100* | 43.7 | 133.9 | 91 500* | 74.0 |
| 76.0 | | | | | | | | | | 18.4 | 118.1 | 98 400* | 40.1 | 131.6 | 88 300* | 76.0 |
| 80.0 | | | | | | | | | | | | | 31.9 | 125.8 | 82 400* | 80.0 |
| 84.0 | | | | | | | | | | | | | 20.8 | 117.3 | 76 700* | 84.0 |
| 88.0 | | | | | | | | | | | | | | | | 88.0 |
| 92.0 | | | | | | | | | | | | | | | | 92.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

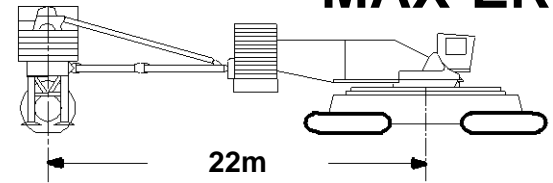
**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 27.4 | | | c | | | | | | | | | | | | | 27.4 |
| 28.0 | | | c | | | | | | | | | | | | | 28.0 |
| 30.0 | | | c | | | | | | | | | | | | | 30.0 |
| 32.0 | 69.1 | 157.9 | 143 200*b | | | | | | | | | | | | | 32.0 |
| 34.0 | 66.9 | 157.0 | 141 900*b | | | | | | | | | | | | | 34.0 |
| 36.0 | 64.6 | 156.1 | 139 900*b | | | | | | | | | | | | | 36.0 |
| 38.0 | 62.2 | 155.0 | 134 700* | | | | | | | | | | | | | 38.0 |
| 40.0 | 59.8 | 153.9 | 128 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 57.3 | 152.6 | 122 100* | 68.0 | 156.2 | 165 000*b | | | | | | | | | | 42.0 |
| 44.0 | 54.8 | 151.2 | 116 100* | 65.7 | 155.3 | 163 800*b | | | | | | | | | | 44.0 |
| 46.0 | 52.1 | 149.7 | 110 200* | 63.4 | 154.3 | 159 800*b | | | | | | | | | | 46.0 |
| 48.0 | 49.4 | 148.0 | 104 700* | 61.0 | 153.2 | 154 700* | | | | | | | | | | 48.0 |
| 50.0 | 46.5 | 146.1 | 99 400* | 58.6 | 152.0 | 149 200* | | | | | | | | | | 50.0 |
| 52.0 | 43.5 | 144.0 | 94 400* | 56.1 | 150.7 | 143 400* | | | | | | | | | | 52.0 |
| 54.0 | 40.3 | 141.7 | 89 800* | 53.5 | 149.2 | 137 500* | | | | | | | | | | 54.0 |
| 56.0 | 36.9 | 139.1 | 85 500* | 50.8 | 147.6 | 131 500* | 62.1 | 151.7 | 141 800* | | | | | | | 56.0 |
| 58.0 | 33.2 | 136.2 | 81 600* | 48.0 | 145.8 | 125 600* | 59.6 | 150.5 | 136 000* | | | | | | | 58.0 |
| 60.0 | 29.0 | 132.7 | 78 100* | 45.1 | 143.9 | 119 900* | 57.2 | 149.2 | 130 600* | | | | | | | 60.0 |
| 62.0 | 24.1 | 128.5 | 75 000* | 42.0 | 141.7 | 114 200* | 54.6 | 147.8 | 125 500* | | | | | | | 62.0 |
| 64.0 | 18.0 | 123.0 | 72 700* | 38.7 | 139.2 | 108 900* | 52.0 | 146.3 | 120 800* | | | | | | | 64.0 |
| 66.0 | | | | 35.1 | 136.4 | 103 900* | 49.2 | 144.6 | 116 300* | | | | | | | 66.0 |
| 68.0 | | | | 31.2 | 133.3 | 99 200* | 46.3 | 142.7 | 112 100* | 58.0 | 146.9 | 99 700* | | | | 68.0 |
| 70.0 | | | | 26.7 | 129.5 | 94 800* | 43.3 | 140.6 | 108 000* | 55.4 | 145.5 | 96 100* | | | | 70.0 |
| 72.0 | | | | 21.3 | 124.8 | 91 000* | 40.1 | 138.3 | 104 200* | 52.8 | 144.0 | 92 700* | | | | 72.0 |
| 74.0 | | | | 14.0 | 118.1 | 87 900* | 36.7 | 135.7 | 100 500* | 50.1 | 142.4 | 89 400* | | | | 74.0 |
| 76.0 | | | | | | | 32.9 | 132.7 | 97 000* | 47.3 | 140.5 | 86 300* | | | | 76.0 |
| 80.0 | | | | | | | 23.8 | 124.9 | 90 500* | 41.2 | 136.3 | 80 500* | 53.3 | 140.8 | 70 400* | 80.0 |
| 84.0 | | | | | | | | | | 34.2 | 130.9 | 75 100* | 47.8 | 137.4 | 65 700* | 84.0 |
| 88.0 | | | | | | | | | | 25.5 | 123.6 | 70 100* | 41.8 | 133.2 | 61 300* | 88.0 |
| 92.0 | | | | | | | | | | | | | 34.9 | 127.9 | 57 200* | 92.0 |
| 96.0 | | | | | | | | | | | | | 26.4 | 120.9 | 53 400* | 96.0 |
| 100.0 | | | | | | | | | | | | | 13.6 | 109.2 | 49 500* | 100.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

**Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).**

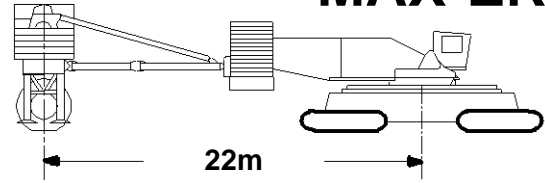


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 29.0 | | | c | | | | | | | | | | | | | 29.0 |
| 30.0 | | | c | | | | | | | | | | | | | 30.0 |
| 32.0 | 71.3 | 164.4 | 130 600*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 69.3 | 163.7 | 130 000*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 67.3 | 162.8 | 129 200*(b) | | | | | | | | | | | | | 36.0 |
| 38.0 | 65.2 | 161.9 | 127 200* | | | | | | | | | | | | | 38.0 |
| 40.0 | 63.1 | 160.9 | 122 000* | | | | | | | | | | | | | 40.0 |
| 42.0 | 61.0 | 159.8 | 116 600* | | | | | | | | | | | | | 42.0 |
| 44.0 | 58.8 | 158.6 | 111 300* | 68.3 | 162.0 | 149 200*(b) | | | | | | | | | | 44.0 |
| 46.0 | 56.5 | 157.3 | 106 100* | 66.3 | 161.1 | 148 700*(b) | | | | | | | | | | 46.0 |
| 48.0 | 54.2 | 155.8 | 101 100* | 64.2 | 160.2 | 145 400* | | | | | | | | | | 48.0 |
| 50.0 | 51.8 | 154.3 | 96 200* | 62.0 | 159.1 | 141 200* | | | | | | | | | | 50.0 |
| 52.0 | 49.4 | 152.6 | 91 500* | 59.9 | 158.0 | 136 800* | | | | | | | | | | 52.0 |
| 54.0 | 46.8 | 150.7 | 87 100* | 57.7 | 156.7 | 131 900* | | | | | | | | | | 54.0 |
| 56.0 | 44.1 | 148.7 | 82 900* | 55.4 | 155.3 | 126 900* | | | | | | | | | | 56.0 |
| 58.0 | 41.3 | 146.4 | 78 900* | 53.0 | 153.8 | 121 800* | 63.0 | 157.5 | 134 300* | | | | | | | 58.0 |
| 60.0 | 38.3 | 144.0 | 75 300* | 50.6 | 152.2 | 116 700* | 60.8 | 156.4 | 129 000* | | | | | | | 60.0 |
| 62.0 | 35.1 | 141.2 | 71 900* | 48.1 | 150.4 | 111 700* | 58.6 | 155.2 | 123 900* | | | | | | | 62.0 |
| 64.0 | 31.6 | 138.0 | 68 900* | 45.5 | 148.5 | 106 700* | 56.4 | 153.9 | 119 200* | | | | | | | 64.0 |
| 66.0 | 27.6 | 134.4 | 66 100* | 42.7 | 146.3 | 102 000* | 54.1 | 152.5 | 114 700* | | | | | | | 66.0 |
| 68.0 | 23.1 | 129.9 | 63 800* | 39.8 | 144.0 | 97 400* | 51.7 | 150.9 | 110 500* | | | | | | | 68.0 |
| 70.0 | 17.4 | 124.2 | 61 900* | 36.7 | 141.4 | 93 000* | 49.2 | 149.2 | 106 600* | | | | | | | 70.0 |
| 72.0 | | | | 33.4 | 138.4 | 88 900* | 46.6 | 147.3 | 102 800* | 57.1 | 151.6 | 91 000* | | | | 72.0 |
| 74.0 | | | | 29.7 | 135.0 | 85 100* | 43.9 | 145.3 | 99 200* | 54.8 | 150.2 | 87 700* | | | | 74.0 |
| 76.0 | | | | 25.5 | 131.0 | 81 600* | 41.1 | 143.0 | 95 800* | 52.5 | 148.6 | 84 700* | | | | 76.0 |
| 80.0 | | | | 13.7 | 119.2 | 76 000* | 34.9 | 137.7 | 89 400* | 47.5 | 145.2 | 79 000* | | | | 80.0 |
| 84.0 | | | | | | | 27.4 | 130.8 | 83 600* | 42.0 | 141.0 | 73 700* | 52.9 | 145.4 | 63 900* | 84.0 |
| 88.0 | | | | | | | 17.0 | 120.5 | 78 000* | 35.9 | 135.9 | 68 900* | 48.0 | 142.0 | 59 700* | 88.0 |
| 92.0 | | | | | | | | | | 28.7 | 129.3 | 64 500* | 42.6 | 137.9 | 55 700* | 92.0 |
| 96.0 | | | | | | | | | | 19.1 | 119.9 | 60 200* | 36.6 | 132.9 | 52 100* | 96.0 |
| 100.0 | | | | | | | | | | | | | 29.5 | 126.5 | 48 600* | 100.0 |
| 104.0 | | | | | | | | | | | | | 20.2 | 117.4 | 45 300* | 104.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

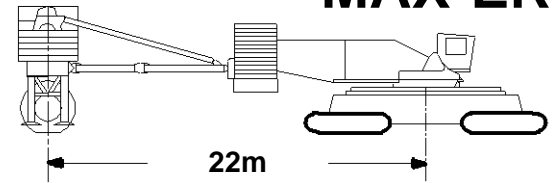
Do not luff into area indicated by (c)
with 16 780 kg minimum weight
(see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 30.5 | 74.4 | 171.3 | 118 100* b | | | | | | | | | | | | | 30.5 |
| 32.0 | 73.1 | 170.8 | 118 100* b | | | | | | | | | | | | | 32.0 |
| 34.0 | 71.3 | 170.2 | 118 000* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 69.5 | 169.4 | 117 500* | | | | | | | | | | | | | 36.0 |
| 38.0 | 67.6 | 168.6 | 116 600* | | | | | | | | | | | | | 38.0 |
| 40.0 | 65.7 | 167.7 | 115 200* | | | | | | | | | | | | | 40.0 |
| 42.0 | 63.8 | 166.7 | 110 600* | | | | | | | | | | | | | 42.0 |
| 44.0 | 61.9 | 165.7 | 106 000* | | | | | | | | | | | | | 44.0 |
| 46.0 | 59.9 | 164.5 | 101 400* | 68.5 | 167.8 | 134 600* | | | | | | | | | | 46.0 |
| 48.0 | 57.9 | 163.3 | 96 900* | 66.7 | 166.9 | 134 200* | | | | | | | | | | 48.0 |
| 50.0 | 55.9 | 161.9 | 92 500* | 64.8 | 166.0 | 132 100* | | | | | | | | | | 50.0 |
| 52.0 | 53.7 | 160.5 | 88 200* | 62.9 | 165.0 | 128 600* | | | | | | | | | | 52.0 |
| 54.0 | 51.6 | 158.9 | 84 100* | 60.9 | 163.8 | 125 000* | | | | | | | | | | 54.0 |
| 56.0 | 49.3 | 157.2 | 80 200* | 58.9 | 162.6 | 121 000* | | | | | | | | | | 56.0 |
| 58.0 | 47.0 | 155.3 | 76 400* | 56.9 | 161.4 | 116 800* | | | | | | | | | | 58.0 |
| 60.0 | 44.6 | 153.3 | 72 900* | 54.8 | 160.0 | 112 500* | 63.7 | 163.4 | 126 000* | | | | | | | 60.0 |
| 62.0 | 42.0 | 151.1 | 69 600* | 52.7 | 158.4 | 108 100* | 61.8 | 162.3 | 121 800* | | | | | | | 62.0 |
| 64.0 | 39.4 | 148.7 | 66 500* | 50.5 | 156.8 | 103 700* | 59.8 | 161.1 | 117 000* | | | | | | | 64.0 |
| 66.0 | 36.5 | 146.1 | 63 600* | 48.2 | 155.0 | 99 500* | 57.8 | 159.9 | 112 600* | | | | | | | 66.0 |
| 68.0 | 33.5 | 143.1 | 60 900* | 45.8 | 153.1 | 95 200* | 55.7 | 158.5 | 108 400* | | | | | | | 68.0 |
| 70.0 | 30.2 | 139.8 | 58 500* | 43.3 | 151.0 | 91 200* | 53.6 | 157.1 | 104 500* | | | | | | | 70.0 |
| 72.0 | 26.5 | 136.0 | 56 400* | 40.7 | 148.7 | 87 200* | 51.4 | 155.5 | 100 700* | | | | | | | 72.0 |
| 74.0 | 22.2 | 131.4 | 54 500* | 38.0 | 146.2 | 83 400* | 49.2 | 153.8 | 97 200* | 58.5 | 157.5 | 85 400* | | | | 74.0 |
| 76.0 | 16.8 | 125.4 | 53 100* | 35.1 | 143.4 | 79 900* | 46.8 | 151.9 | 93 900* | 56.4 | 156.2 | 82 300* | | | | 76.0 |
| 80.0 | | | | 28.4 | 136.7 | 73 500* | 41.9 | 147.7 | 87 600* | 52.1 | 153.2 | 76 700* | | | | 80.0 |
| 84.0 | | | | 19.7 | 127.4 | 68 100* | 36.4 | 142.6 | 81 800* | 47.6 | 149.8 | 71 600* | | | | 84.0 |
| 88.0 | | | | | | | 30.0 | 136.3 | 76 600* | 42.7 | 145.7 | 66 900* | 52.6 | 150.0 | 57 300* | 88.0 |
| 92.0 | | | | | | | 21.9 | 127.7 | 71 600* | 37.3 | 140.7 | 62 500* | 48.1 | 146.6 | 53 500* | 92.0 |
| 96.0 | | | | | | | 7.6 | 111.5 | 66 700* | 31.1 | 134.7 | 58 500* | 43.2 | 142.5 | 49 900* | 96.0 |
| 100.0 | | | | | | | | | | 23.4 | 126.6 | 54 700* | 37.8 | 137.7 | 46 500* | 100.0 |
| 104.0 | | | | | | | | | | | | | 31.7 | 131.8 | 43 400* | 104.0 |
| 108.0 | | | | | | | | | | | | | 24.2 | 123.9 | 40 400* | 108.0 |
| 112.0 | | | | | | | | | | | | | 13.0 | 111.4 | 37 400* | 112.0 |

Capacities indicated by **(b)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

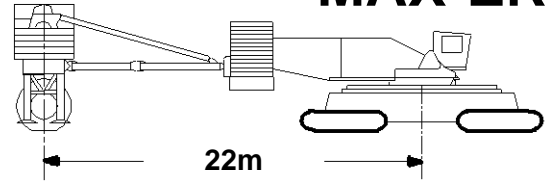


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 32.0 | 74.5 | 177.2 | 106 900*(b) | | | | | | | | | | | | | 32.0 |
| 34.0 | 72.9 | 176.6 | 106 900*(b) | | | | | | | | | | | | | 34.0 |
| 36.0 | 71.2 | 175.9 | 106 900* | | | | | | | | | | | | | 36.0 |
| 38.0 | 69.6 | 175.2 | 106 500* | | | | | | | | | | | | | 38.0 |
| 40.0 | 67.9 | 174.4 | 105 900* | | | | | | | | | | | | | 40.0 |
| 42.0 | 66.2 | 173.5 | 104 300* | | | | | | | | | | | | | 42.0 |
| 44.0 | 64.4 | 172.5 | 100 600* | | | | | | | | | | | | | 44.0 |
| 46.0 | 62.7 | 171.5 | 96 700* | | | | | | | | | | | | | 46.0 |
| 48.0 | 60.9 | 170.4 | 92 800* | 68.7 | 173.5 | 120 900* | | | | | | | | | | 48.0 |
| 50.0 | 59.1 | 169.2 | 89 000* | 67.0 | 172.7 | 120 900* | | | | | | | | | | 50.0 |
| 52.0 | 57.2 | 167.9 | 85 200* | 65.3 | 171.8 | 120 100* | | | | | | | | | | 52.0 |
| 54.0 | 55.3 | 166.5 | 81 500* | 63.6 | 170.8 | 117 400* | | | | | | | | | | 54.0 |
| 56.0 | 53.4 | 165.1 | 77 900* | 61.8 | 169.7 | 114 400* | | | | | | | | | | 56.0 |
| 58.0 | 51.4 | 163.5 | 74 400* | 60.0 | 168.6 | 111 200* | | | | | | | | | | 58.0 |
| 60.0 | 49.3 | 161.8 | 71 100* | 58.1 | 167.3 | 107 800* | | | | | | | | | | 60.0 |
| 62.0 | 47.2 | 159.9 | 68 000* | 56.3 | 166.0 | 104 200* | | | | | | | | | | 62.0 |
| 64.0 | 45.0 | 158.0 | 65 000* | 54.3 | 164.6 | 100 500* | 62.6 | 168.2 | 114 600* | | | | | | | 64.0 |
| 66.0 | 42.7 | 155.8 | 62 200* | 52.4 | 163.0 | 96 800* | 60.8 | 167.0 | 110 800* | | | | | | | 66.0 |
| 68.0 | 40.3 | 153.5 | 59 500* | 50.3 | 161.4 | 93 100* | 58.9 | 165.8 | 106 600* | | | | | | | 68.0 |
| 70.0 | 37.7 | 150.9 | 57 000* | 48.2 | 159.6 | 89 400* | 57.1 | 164.6 | 102 700* | | | | | | | 70.0 |
| 72.0 | 35.0 | 148.1 | 54 700* | 46.1 | 157.7 | 85 800* | 55.2 | 163.2 | 98 900* | | | | | | | 72.0 |
| 74.0 | 32.1 | 145.0 | 52 600* | 43.8 | 155.7 | 82 400* | 53.2 | 161.7 | 95 400* | | | | | | | 74.0 |
| 76.0 | 29.0 | 141.5 | 50 700* | 41.5 | 153.4 | 79 000* | 51.2 | 160.1 | 92 100* | | | | | | | 76.0 |
| 80.0 | 21.4 | 132.7 | 47 500* | 36.4 | 148.3 | 72 700* | 47.0 | 156.5 | 85 900* | 55.8 | 160.8 | 74 800* | | | | 80.0 |
| 84.0 | | | | 30.6 | 142.1 | 67 100* | 42.5 | 152.4 | 80 300* | 51.9 | 157.8 | 69 800* | | | | 84.0 |
| 88.0 | | | | 23.5 | 134.0 | 62 200* | 37.6 | 147.5 | 75 100* | 47.7 | 154.4 | 65 100* | | | | 88.0 |
| 92.0 | | | | 13.1 | 121.4 | 58 600* | 32.0 | 141.6 | 70 300* | 43.3 | 150.3 | 60 900* | 52.3 | 154.6 | 51 600* | 92.0 |
| 96.0 | | | | | | | 25.2 | 134.0 | 65 800* | 38.4 | 145.6 | 56 900* | 48.1 | 151.2 | 48 000* | 96.0 |
| 100.0 | | | | | | | 16.0 | 122.9 | 61 500* | 32.9 | 139.8 | 53 200* | 43.7 | 147.2 | 44 800* | 100.0 |
| 104.0 | | | | | | | | | | 26.4 | 132.6 | 49 800* | 38.9 | 142.5 | 41 700* | 104.0 |
| 108.0 | | | | | | | | | | 17.8 | 122.3 | 46 400* | 33.5 | 136.9 | 38 900* | 108.0 |
| 112.0 | | | | | | | | | | | | | 27.1 | 129.8 | 36 100* | 112.0 |
| 116.0 | | | | | | | | | | | | | 18.8 | 120.0 | 33 500* | 116.0 |

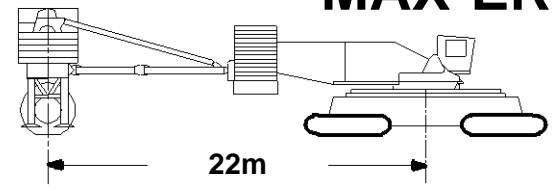
Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 79.2m (260 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | 65 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|----------------------|-------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Elev. m | Luffing Jib Capacity Kilograms | |
| 33.5 | 74.6 | 183.1 | 96 400* b | | | | | | | | | | | | | 33.5 |
| 34.0 | 74.3 | 183.0 | 96 400* b | | | | | | | | | | | | | 34.0 |
| 36.0 | 72.7 | 182.4 | 96 400* | | | | | | | | | | | | | 36.0 |
| 38.0 | 71.2 | 181.7 | 96 400* | | | | | | | | | | | | | 38.0 |
| 40.0 | 69.7 | 180.9 | 96 300* | | | | | | | | | | | | | 40.0 |
| 42.0 | 68.1 | 180.1 | 95 800* | | | | | | | | | | | | | 42.0 |
| 44.0 | 66.5 | 179.3 | 94 400* | | | | | | | | | | | | | 44.0 |
| 46.0 | 64.9 | 178.3 | 91 200* | | | | | | | | | | | | | 46.0 |
| 48.0 | 63.3 | 177.3 | 87 900* | | | | | | | | | | | | | 48.0 |
| 50.0 | 61.7 | 176.3 | 84 500* | 68.9 | 179.3 | 108 000* | | | | | | | | | | 50.0 |
| 52.0 | 60.0 | 175.1 | 81 300* | 67.3 | 178.5 | 108 000* | | | | | | | | | | 52.0 |
| 54.0 | 58.3 | 173.9 | 78 000* | 65.8 | 177.6 | 108 000* | | | | | | | | | | 54.0 |
| 56.0 | 56.6 | 172.6 | 74 800* | 64.1 | 176.6 | 106 900* | | | | | | | | | | 56.0 |
| 58.0 | 54.8 | 171.2 | 71 600* | 62.5 | 175.6 | 104 300* | | | | | | | | | | 58.0 |
| 60.0 | 53.0 | 169.7 | 68 600* | 60.9 | 174.5 | 101 700* | | | | | | | | | | 60.0 |
| 62.0 | 51.2 | 168.1 | 65 700* | 59.2 | 173.3 | 98 900* | | | | | | | | | | 62.0 |
| 64.0 | 49.3 | 166.4 | 62 800* | 57.5 | 172.0 | 95 900* | 64.8 | 175.0 | 107 000* | | | | | | | 64.0 |
| 66.0 | 47.3 | 164.5 | 60 200* | 55.7 | 170.6 | 92 800* | 63.2 | 174.0 | 105 500* | | | | | | | 66.0 |
| 68.0 | 45.3 | 162.6 | 57 600* | 53.9 | 169.2 | 89 600* | 61.6 | 172.9 | 103 800* | | | | | | | 68.0 |
| 70.0 | 43.2 | 160.5 | 55 200* | 52.1 | 167.7 | 86 500* | 59.9 | 171.8 | 100 500* | | | | | | | 70.0 |
| 72.0 | 41.0 | 158.2 | 52 900* | 50.2 | 166.0 | 83 300* | 58.2 | 170.5 | 96 800* | | | | | | | 72.0 |
| 74.0 | 38.7 | 155.7 | 50 800* | 48.3 | 164.2 | 80 200* | 56.5 | 169.2 | 93 300* | | | | | | | 74.0 |
| 76.0 | 36.3 | 153.1 | 48 800* | 46.3 | 162.3 | 77 100* | 54.7 | 167.8 | 90 000* | | | | | | | 76.0 |
| 80.0 | 31.0 | 146.9 | 45 200* | 42.1 | 158.1 | 71 200* | 51.1 | 164.7 | 83 800* | 58.8 | 168.2 | 72 500* | | | | 80.0 |
| 84.0 | 24.6 | 139.0 | 42 300* | 37.5 | 153.2 | 65 800* | 47.2 | 161.1 | 78 300* | 55.3 | 165.5 | 67 500* | | | | 84.0 |
| 88.0 | 15.9 | 127.8 | 40 300* | 32.4 | 147.3 | 60 800* | 43.0 | 157.1 | 73 200* | 51.7 | 162.4 | 62 900* | | | | 88.0 |
| 92.0 | | | | 26.3 | 140.0 | 56 500* | 38.6 | 152.3 | 68 500* | 47.8 | 159.0 | 58 700* | | | | 92.0 |
| 96.0 | | | | 18.5 | 129.9 | 52 900* | 33.6 | 146.7 | 64 100* | 43.7 | 155.0 | 54 800* | 52.0 | 159.2 | 45 700* | 96.0 |
| 100.0 | | | | | | | 27.8 | 139.7 | 60 100* | 39.3 | 150.3 | 51 300* | 48.2 | 155.8 | 42 500* | 100.0 |
| 104.0 | | | | | | | 20.5 | 130.4 | 56 200* | 34.4 | 144.9 | 47 900* | 44.1 | 151.8 | 39 600* | 104.0 |
| 108.0 | | | | | | | 8.1 | 113.8 | 52 300* | 28.8 | 138.2 | 44 700* | 39.8 | 147.3 | 36 800* | 108.0 |
| 112.0 | | | | | | | | | | 21.8 | 129.4 | 41 700* | 34.9 | 141.9 | 34 100* | 112.0 |
| 116.0 | | | | | | | | | | | | | 29.4 | 135.3 | 31 600* | 116.0 |
| 120.0 | | | | | | | | | | | | | 22.6 | 126.8 | 29 300* | 120.0 |
| 124.0 | | | | | | | | | | | | | 12.6 | 113.6 | 26 800* | 124.0 |

Capacities indicated by (b) require
16 780 kg minimum weight suspended
beneath luffing jib point.

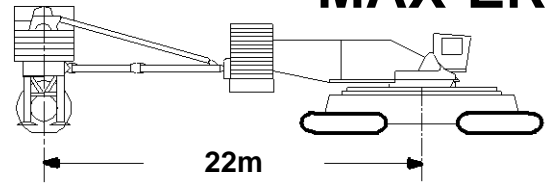


Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 42.7m Mast No. 81
224 390 kg Crane Counterweight
90 720 kg Carbody Counterweight
350 170 kg Wheeled Counterweight
at 22m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



103.6m (340 Ft.) Boom, 85.3m (280 Ft.) Luffing Jib

| Jib Oper. Rad. m | 85 Degree Boom Angle | | | 80 Degree Boom Angle | | | 75 Degree Boom Angle | | | 70 Degree Boom Angle | | | Jib Oper. Rad. m |
|------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|----------------------|-------------------|--------------------------------|------------------|
| | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | Jib Ang. Deg. | Jib Point Elev. m | Luffing Jib Capacity Kilograms | |
| 35.1 | 74.7 | 189.0 | 87 000* | | | | | | | | | | 35.1 |
| 36.0 | 74.0 | 188.7 | 87 000* | | | | | | | | | | 36.0 |
| 38.0 | 72.6 | 188.1 | 87 000* | | | | | | | | | | 38.0 |
| 40.0 | 71.2 | 187.4 | 87 000* | | | | | | | | | | 40.0 |
| 42.0 | 69.8 | 186.7 | 87 000* | | | | | | | | | | 42.0 |
| 44.0 | 68.3 | 185.9 | 86 700* | | | | | | | | | | 44.0 |
| 46.0 | 66.9 | 185.1 | 85 800* | | | | | | | | | | 46.0 |
| 48.0 | 65.4 | 184.1 | 82 900* | | | | | | | | | | 48.0 |
| 50.0 | 63.9 | 183.2 | 80 100* | | | | | | | | | | 50.0 |
| 52.0 | 62.4 | 182.1 | 77 200* | 69.0 | 185.1 | 97 300* | | | | | | | 52.0 |
| 54.0 | 60.8 | 181.0 | 74 400* | 67.6 | 184.2 | 97 300* | | | | | | | 54.0 |
| 56.0 | 59.3 | 179.8 | 71 500* | 66.1 | 183.4 | 97 300* | | | | | | | 56.0 |
| 58.0 | 57.7 | 178.6 | 68 700* | 64.6 | 182.4 | 97 100* | | | | | | | 58.0 |
| 60.0 | 56.1 | 177.2 | 66 000* | 63.1 | 181.4 | 95 100* | | | | | | | 60.0 |
| 62.0 | 54.4 | 175.8 | 63 300* | 61.6 | 180.3 | 93 100* | | | | | | | 62.0 |
| 64.0 | 52.7 | 174.3 | 60 700* | 60.1 | 179.2 | 90 800* | | | | | | | 64.0 |
| 66.0 | 51.0 | 172.7 | 58 300* | 58.5 | 178.0 | 88 300* | | | | | | | 66.0 |
| 68.0 | 49.2 | 171.0 | 55 800* | 56.9 | 176.7 | 85 700* | 63.8 | 179.8 | 97 200* | | | | 68.0 |
| 70.0 | 47.4 | 169.1 | 53 500* | 55.3 | 175.3 | 83 100* | 62.3 | 178.8 | 95 900* | | | | 70.0 |
| 72.0 | 45.6 | 167.2 | 51 300* | 53.6 | 173.8 | 80 400* | 60.7 | 177.7 | 94 300* | | | | 72.0 |
| 74.0 | 43.6 | 165.1 | 49 200* | 51.9 | 172.3 | 77 600* | 59.2 | 176.5 | 91 700* | | | | 74.0 |
| 76.0 | 41.6 | 162.9 | 47 300* | 50.1 | 170.6 | 74 900* | 57.6 | 175.2 | 88 300* | | | | 76.0 |
| 80.0 | 37.3 | 157.9 | 43 700* | 46.5 | 167.0 | 69 600* | 54.3 | 172.4 | 82 200* | | | | 80.0 |
| 84.0 | 32.6 | 152.1 | 40 500* | 42.6 | 162.8 | 64 500* | 50.9 | 169.3 | 76 700* | 58.1 | 172.8 | 65 700* | 84.0 |
| 88.0 | 27.0 | 144.9 | 37 900* | 38.4 | 158.0 | 59 700* | 47.3 | 165.8 | 71 600* | 54.9 | 170.1 | 61 200* | 88.0 |
| 92.0 | 20.1 | 135.4 | 35 900* | 33.8 | 152.4 | 55 400* | 43.5 | 161.7 | 67 000* | 51.5 | 167.0 | 57 000* | 92.0 |
| 96.0 | 8.9 | 119.1 | 35 000* | 28.5 | 145.6 | 51 500* | 39.4 | 157.1 | 62 700* | 47.9 | 163.6 | 53 200* | 96.0 |
| 100.0 | | | | 22.1 | 136.9 | 48 200* | 34.9 | 151.7 | 58 700* | 44.1 | 159.6 | 49 600* | 100.0 |
| 104.0 | | | | 12.7 | 123.5 | 45 800* | 29.7 | 145.2 | 55 000* | 40.1 | 155.1 | 46 300* | 104.0 |
| 108.0 | | | | | | | 23.6 | 137.0 | 51 500* | 35.6 | 149.8 | 43 200* | 108.0 |
| 112.0 | | | | | | | 15.2 | 125.2 | 48 100* | 30.6 | 143.5 | 40 300* | 112.0 |
| 116.0 | | | | | | | | | | 24.7 | 135.7 | 37 600* | 116.0 |
| 120.0 | | | | | | | | | | 16.9 | 124.8 | 34 900* | 120.0 |