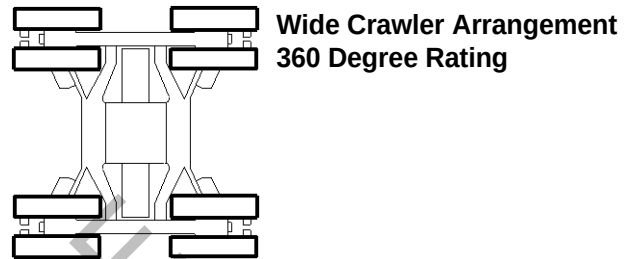
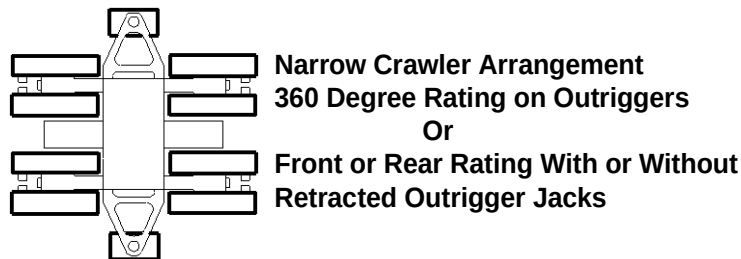
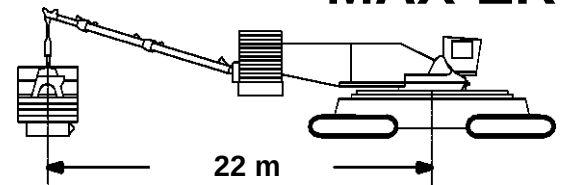


Liftcrane Luffing Jib Capacities

21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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.

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.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum boom capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging 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 3 m 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 Operator's Manual for operating guidelines.

Narrow Crawler Arrangement: Narrow crawler arrangement (9,1 m) requires outriggers with jacks set for 360 degree operation (no travel). Refer to Operator's 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. 8679-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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

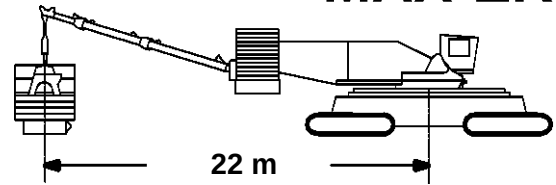
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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, 42,7 m mast, 8 534 mm retractable gantry, 20 part boom hoist reeving,

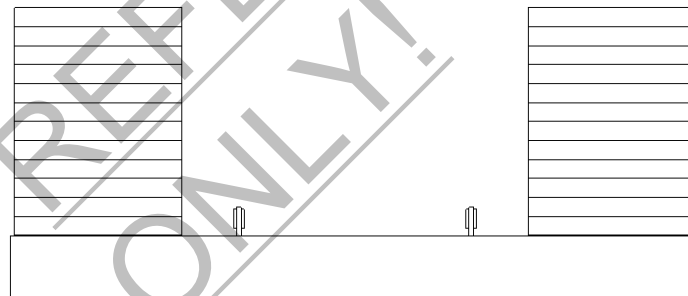
boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 208 060 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 271 840 kg hanging counterweight.

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

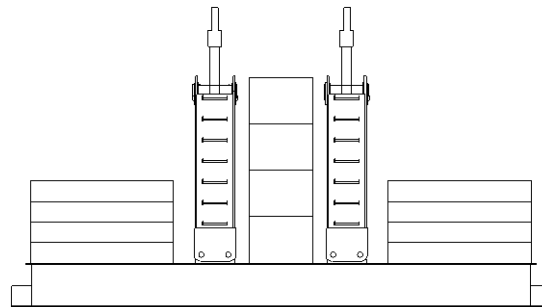
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

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

WARNING: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Counterweight Assemblies.



208 060 kg Crane Counterweight
24 Side Boxes



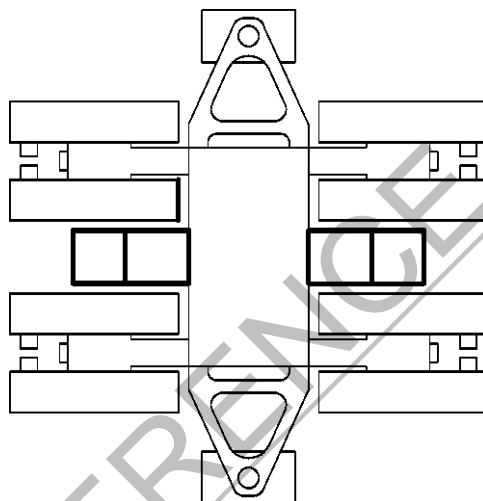
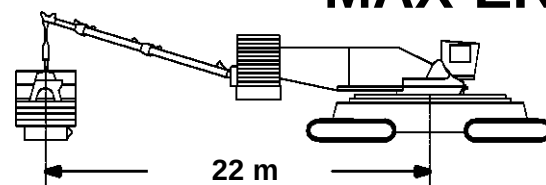
271 840 kg Hanging Counterweight
8 Side Boxes - 4 Center Boxes

Liftcrane Luffing Jib Capacities

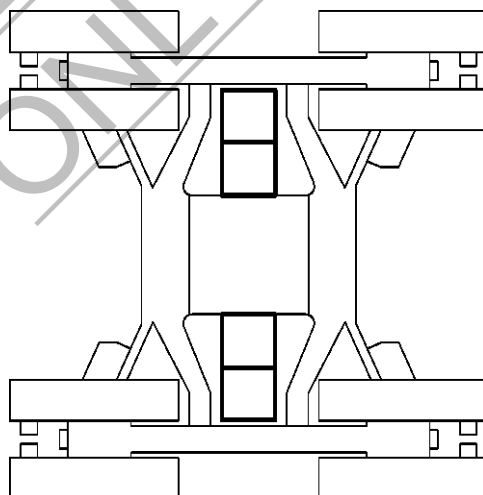
Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

**21000
MAX-ER**



90 720 kg Carbody Counterweight
2 Inner Boxes - 2 Outer Boxes
Narrow Crawler Arrangement



90 720 kg Carbody Counterweight
2 Inner Boxes - 2 Outer Boxes
Wide Crawler Arrangement

Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 42,7 m Mast No. 81

208 060 kg Crane Counterweight

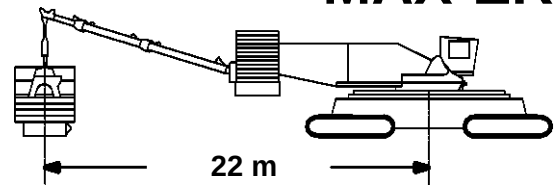
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



WITH OR WITHOUT BOOM AND/OR JIB CATWALKS		
Maximum Boom and Luffing Jib Lengths Lifted Unassisted Using Jack-Knife Method With 271 840 kg Hanging Counterweight		
Boom Length Meters	Luffing Jib No. 81 Meters	Boom to Luffing Jib Angle Degrees
Over End of Unblocked Crawlers		
54,9 - 85,3	36,6 - 91,4	90
91,4	36,6 - 91,4	60
97,5	36,6 - 73,2	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.

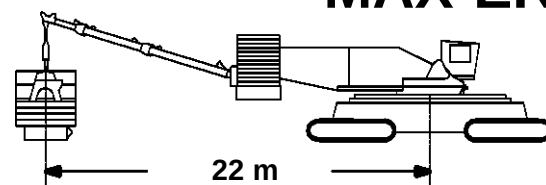
CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



54,9 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	61,4	89,3	257 000	303 200* b									30,5
32,0	58,6	88,4	241 800	288 000* b									32,0
34,0	54,7	87,0	224 100	269 900* b	63,5	88,9	209 600	260 200* b					34,0
36,0	50,7	85,4	208 500	253 800*	59,9	87,7	194 800	244 600* b					36,0
38,0	46,4	83,5	194 500	239 400*	56,1	86,4	181 800	230 700* b					38,0
40,0	41,8	81,3	182 000	226 200*	52,2	84,9	170 100	218 100*					40,0
42,0	36,7	78,7	170 600	214 200*	48,0	83,1	159 500	206 700*	57,3	85,3	148 400	199 100* b	42,0
44,0	30,8	75,6	160 100	203 300*	43,5	81,0	149 900	196 200*	53,4	83,8	139 400	188 900*	44,0
46,0	23,5	71,4	150 400	193 100*	38,6	78,6	141 100	186 600*	49,3	82,1	131 200	179 700*	46,0
48,0					33,0	75,7	132 900	177 600*	44,9	80,2	123 700	171 200*	48,0
50,0					26,3	71,9	125 300	169 300*	40,1	77,9	116 800	163 400*	50,0
52,0					17,3	66,5	117 800	161 300*	34,8	75,1	110 300	156 000*	52,0
54,0									28,5	71,6	104 100	149 100*	54,0
56,0									20,4	66,9	98 200	142 500*	56,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

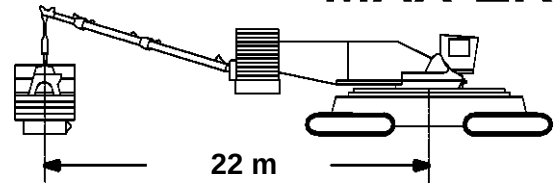
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



54,9 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	65,8	96,2	256 100	301 500 b									30,5
32,0	63,5	95,4	241 000	286 400 b									32,0
34,0	60,4	94,3	223 300	268 500 b									34,0
36,0	57,2	93,0	207 700	252 400*									36,0
38,0	53,9	91,6	193 800	238 100*	61,5	93,6	180 300	229 000 b					38,0
40,0	50,5	90,0	181 400	225 100*	58,4	92,4	168 700	216 500*					40,0
42,0	46,8	88,1	170 200	213 300*	55,1	91,0	158 200	205 200*					42,0
44,0	42,9	86,0	160 000	202 500*	51,7	89,5	148 700	194 800*					44,0
46,0	38,7	83,6	150 700	192 600*	48,1	87,7	140 100	185 300*	56,1	89,9	129 400	178 000*	46,0
48,0	34,0	80,7	142 100	183 400*	44,3	85,7	132 100	176 500*	52,8	88,4	122 100	169 600*	48,0
50,0	28,6	77,3	134 100	174 900*	40,2	83,4	124 800	168 500*	49,2	86,7	115 300	161 800*	50,0
52,0	22,0	72,8	126 600	166 900*	35,7	80,7	118 000	160 900*	45,5	84,8	109 000	154 600*	52,0
54,0					30,7	77,5	111 700	153 800*	41,5	82,6	103 200	147 900*	54,0
56,0					24,6	73,4	105 600	147 200*	37,1	80,0	97 700	141 600*	56,0
58,0					16,4	67,7	99 600	140 800*	32,2	77,0	92 600	135 700*	58,0
60,0									26,5	73,2	87 700	130 100*	60,0
62,0									19,2	68,2	82 900	124 800*	62,0
64,0									4,2	57,2	77 400	119 000*	64,0

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

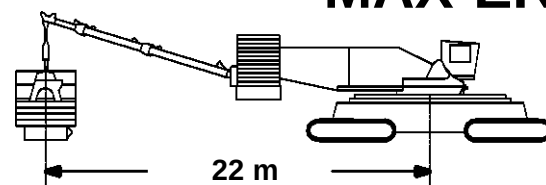
CAUTION: Do not luff into area indicated by **(c)** with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



54,9 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	67,1	102,2	240 100	285 100*									32,0
34,0	64,5	101,3	222 400	267 300*									34,0
36,0	61,8	100,2	206 800	251 300*									36,0
38,0	59,1	99,0	193 000	237 000*									38,0
40,0	56,2	97,7	180 700	224 100*	62,8	99,5	167 500	215 300*					40,0
42,0	53,3	96,2	169 500	212 400*	60,0	98,3	157 000	203 900*					42,0
44,0	50,3	94,6	159 400	201 700*	57,3	97,1	147 600	193 600*					44,0
46,0	47,1	92,7	150 300	191 900*	54,4	95,7	139 100	184 200*					46,0
48,0	43,7	90,7	141 900	182 800*	51,4	94,1	131 200	175 500*	58,1	95,9	120 700	168 300*	48,0
50,0	40,1	88,4	134 100	174 400*	48,3	92,3	124 000	167 500*	55,3	94,6	114 000	160 600*	50,0
52,0	36,2	85,7	127 000	166 700*	45,0	90,3	117 400	160 100*	52,3	93,0	107 800	153 500*	52,0
54,0	31,9	82,6	120 300	159 400*	41,4	88,1	111 200	153 200*	49,2	91,3	102 100	146 900*	54,0
56,0	26,9	78,9	113 900	152 600*	37,7	85,6	105 400	146 700*	46,0	89,4	96 800	140 700*	56,0
58,0	20,8	74,1	108 000	146 200*	33,5	82,7	100 100	140 700*	42,5	87,3	91 800	134 900*	58,0
60,0					28,8	79,2	95 000	134 900*	38,8	84,9	87 200	129 400*	60,0
62,0					23,2	74,9	90 100	129 500*	34,8	82,1	82 800	124 300*	62,0
64,0					15,7	68,8	85 200	124 200*	30,3	78,8	78 600	119 500*	64,0
66,0									25,0	74,8	74 500	114 900*	66,0
68,0									18,3	69,4	70 600	110 400*	68,0
70,0									5,6	58,9	66 000	105 600*	70,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

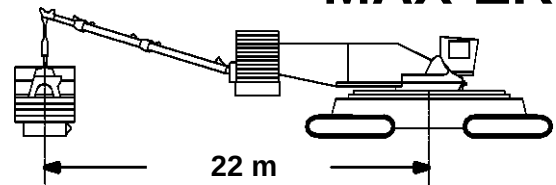
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



54,9 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,7	108,8	238 900	283 200* ^b									32,0
34,0	67,5	108,0	221 100	265 400*									34,0
36,0	65,2	107,1	205 500	249 500*									36,0
38,0	62,9	106,1	191 700	235 300*									38,0
40,0	60,5	104,9	179 300	222 400*									40,0
42,0	58,0	103,7	168 200	210 700*	63,7	105,3	155 200	202 000*					42,0
44,0	55,5	102,3	158 100	200 100*	61,3	104,2	145 700	191 700*					44,0
46,0	52,9	100,8	148 900	190 300*	58,9	103,0	137 200	182 300*					46,0
48,0	50,1	99,2	140 600	181 400*	56,4	101,7	129 400	173 800*					48,0
50,0	47,3	97,3	132 900	173 100*	53,8	100,3	122 300	165 800*					50,0
52,0	44,4	95,3	125 800	165 400*	51,1	98,7	115 700	158 400*	57,1	100,6	105 700	151 500*	52,0
54,0	41,2	93,1	119 300	158 300*	48,3	96,9	109 600	151 600*	54,6	99,2	100 000	145 000*	54,0
56,0	37,9	90,6	113 200	151 600*	45,4	95,0	104 000	145 200*	51,9	97,6	94 800	138 900*	56,0
58,0	34,2	87,7	107 400	145 300*	42,4	92,8	98 700	139 300*	49,2	95,9	89 900	133 200*	58,0
60,0	30,2	84,4	102 100	139 500*	39,1	90,4	93 700	133 700*	46,3	94,1	85 300	127 800*	60,0
62,0	25,5	80,4	97 000	133 900*	35,6	87,7	89 100	128 400*	43,3	92,0	81 000	122 800*	62,0
64,0	19,9	75,4	92 000	128 600*	31,7	84,5	84 700	123 400*	40,1	89,6	77 000	118 000*	64,0
66,0					27,3	80,8	80 500	118 700*	36,6	87,0	73 200	113 500*	66,0
68,0					22,1	76,3	76 400	114 100*	32,9	84,0	69 600	109 300*	68,0
70,0					15,1	69,9	72 400	109 700*	28,7	80,5	66 100	105 300*	70,0
72,0									23,7	76,2	62 700	101 300*	72,0
74,0									17,5	70,6	59 300	97 500*	74,0
76,0									6,4	60,2	55 500	93 500*	76,0

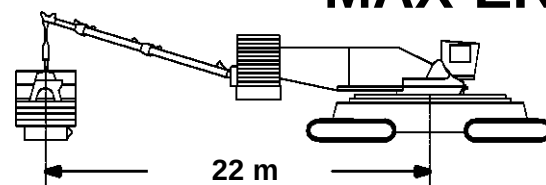
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000

MAX-ER

54,9 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,8	114,2	211 400	255 500*									35,1
36,0	67,8	113,8	204 400	248 300*									36,0
38,0	65,8	112,9	190 400	233 900*									38,0
40,0	63,7	111,9	178 000	221 100*									40,0
42,0	61,5	110,8	166 900	209 400*									42,0
44,0	59,4	109,6	156 800	198 800*									44,0
46,0	57,1	108,3	147 700	189 100*	62,3	110,1	135 700	180 900*					46,0
48,0	54,8	106,9	139 400	180 100*	60,1	109,0	127 900	172 300*					48,0
50,0	52,5	105,4	131 700	171 900*	57,9	107,7	120 800	164 400*					50,0
52,0	50,0	103,8	124 700	164 300*	55,7	106,3	114 300	157 100*					52,0
54,0	47,5	101,9	118 200	157 200*	53,3	104,9	108 200	150 300*	58,6	106,6	98 300	143 500*	54,0
56,0	44,8	100,0	112 200	150 600*	50,9	103,3	102 600	144 000*	56,3	105,3	93 100	137 400*	56,0
58,0	42,1	97,8	106 600	144 400*	48,4	101,5	97 400	138 000*	54,0	103,8	88 300	131 800*	58,0
60,0	39,1	95,4	101 300	138 600*	45,8	99,6	92 500	132 500*	51,6	102,2	83 800	126 400*	60,0
62,0	36,0	92,7	96 400	133 200*	43,1	97,5	87 900	127 300*	49,2	100,5	79 500	121 400*	62,0
64,0	32,5	89,6	91 700	128 100*	40,2	95,2	83 700	122 400*	46,6	98,7	75 600	116 800*	64,0
66,0	28,7	86,1	87 300	123 200*	37,1	92,6	79 600	117 800*	43,9	96,6	71 800	112 300*	66,0
68,0	24,4	81,9	83 100	118 500*	33,8	89,7	75 800	113 400*	41,1	94,4	68 300	108 200*	68,0
70,0	19,1	76,7	79 000	114 100*	30,1	86,3	72 100	109 200*	38,0	91,8	65 000	104 200*	70,0
72,0					26,0	82,4	68 600	105 300*	34,8	89,0	61 800	100 500*	72,0
74,0					21,1	77,6	65 200	101 400*	31,3	85,8	58 700	96 800*	74,0
76,0					14,7	71,1	61 800	97 700*	27,3	82,1	55 800	93 400*	76,0
80,0									16,9	71,8	50 100	86 900*	80,0

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

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

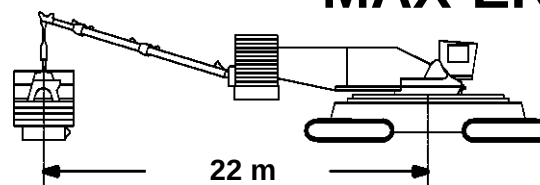
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements



Narrow or Wide Crawler Arrangement - 360 Degree Rating

54,9 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	120,1	198 200	242 000*									36,6
38,0	68,1	119,6	188 500	232 100*									38,0
40,0	66,2	118,7	176 100	219 200*									40,0
42,0	64,4	117,7	165 000	207 600*									42,0
44,0	62,4	116,7	154 900	197 000*									44,0
46,0	60,5	115,5	145 800	187 300*									46,0
48,0	58,5	114,3	137 500	178 400*	63,1	115,9	125 700	170 400*					48,0
50,0	56,4	113,0	129 900	170 200*	61,2	114,8	118 600	162 500*					50,0
52,0	54,3	111,6	122 900	162 600*	59,2	113,7	112 000	155 200*					52,0
54,0	52,2	110,0	116 400	155 600*	57,1	112,4	106 000	148 400*					54,0
56,0	49,9	108,4	110 400	149 000*	55,1	111,0	100 500	142 100*					56,0
58,0	47,6	106,6	104 900	142 800*	52,9	109,5	95 300	136 200*	57,8	111,2	85 800	129 700*	58,0
60,0	45,2	104,6	99 700	137 100*	50,7	107,9	90 500	130 700*	55,7	109,9	81 400	124 500*	60,0
62,0	42,7	102,5	94 800	131 700*	48,5	106,1	86 000	125 600*	53,6	108,4	77 200	119 500*	62,0
64,0	40,1	100,1	90 200	126 700*	46,1	104,2	81 700	120 800*	51,4	106,8	73 300	114 900*	64,0
66,0	37,3	97,6	85 900	121 900*	43,6	102,1	77 700	116 200*	49,1	105,1	69 600	110 500*	66,0
68,0	34,3	94,7	81 800	117 400*	41,1	99,9	74 000	111 800*	46,8	103,3	66 100	106 400*	68,0
70,0	31,1	91,5	78 000	113 100*	38,3	97,4	70 400	107 700*	44,4	101,3	62 900	102 500*	70,0
72,0	27,5	87,8	74 300	109 000*	35,4	94,6	67 100	103 900*	41,8	99,1	59 800	98 700*	72,0
74,0	23,4	83,4	70 800	105 000*	32,3	91,6	63 800	100 200*	39,2	96,6	56 800	95 200*	74,0
76,0	18,4	77,9	67 300	101 300*	28,8	88,1	60 700	96 600*	36,3	94,0	54 000	91 900*	76,0
80,0					20,3	78,9	54 800	89 900*	29,9	87,6	48 700	85 600*	80,0
84,0									21,8	79,1	43 800	79 800*	84,0
88,0									7,4	62,7	38 400	74 000*	88,0

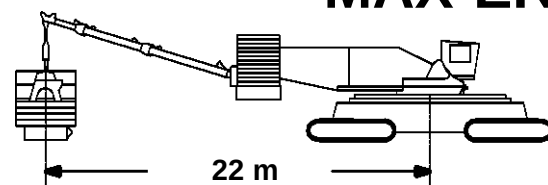
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

54,9 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	69,9	126,1	186 600	225 600*									38,1
40,0	68,3	125,3	174 800	218 000*									40,0
42,0	66,6	124,4	163 700	206 000*									42,0
44,0	64,9	123,5	153 600	195 400*									44,0
46,0	63,2	122,5	144 400	185 800*									46,0
48,0	61,4	121,4	136 100	176 800*									48,0
50,0	59,6	120,2	128 400	168 700*	63,8	121,8	116 900	160 800*					50,0
52,0	57,7	119,0	121 400	161 100*	62,0	120,7	110 300	153 500*					52,0
54,0	55,8	117,7	114 900	154 000*	60,2	119,6	104 300	146 800*					54,0
56,0	53,9	116,2	108 900	147 500*	58,4	118,3	98 700	140 500*					56,0
58,0	51,9	114,6	103 400	141 400*	56,5	117,0	93 600	134 600*					58,0
60,0	49,9	113,0	98 200	135 700*	54,6	115,6	88 700	129 200*	58,9	117,2	79 500	122 800*	60,0
62,0	47,7	111,2	93 300	130 300*	52,6	114,1	84 200	124 000*	57,1	115,9	75 300	117 800*	62,0
64,0	45,6	109,2	88 800	125 300*	50,6	112,5	80 000	119 200*	55,2	114,5	71 400	113 200*	64,0
66,0	43,3	107,1	84 500	120 500*	48,5	110,7	76 100	114 700*	53,2	113,1	67 700	108 900*	66,0
68,0	40,9	104,8	80 500	116 000*	46,4	108,8	72 300	110 400*	51,2	111,4	64 300	104 700*	68,0
70,0	38,4	102,4	76 700	111 800*	44,1	106,8	68 800	106 300*	49,1	109,7	61 000	100 800*	70,0
72,0	35,8	99,7	73 100	107 800*	41,8	104,6	65 500	102 400*	47,0	107,9	57 900	97 200*	72,0
74,0	32,9	96,6	69 600	103 900*	39,3	102,2	62 300	98 800*	44,8	105,9	55 000	93 700*	74,0
76,0	29,9	93,2	66 400	100 300*	36,7	99,5	59 300	95 300*	42,5	103,7	52 200	90 400*	76,0
80,0	22,6	84,8	60 200	93 400*	31,0	93,4	53 700	88 900*	37,5	98,8	47 100	84 200*	80,0
84,0					24,0	85,4	48 500	82 900*	31,9	92,9	42 400	78 500*	84,0
88,0					14,0	73,3	43 400	77 200*	25,2	85,3	38 000	73 300*	88,0
92,0									15,9	74,1	33 700	68 300*	92,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

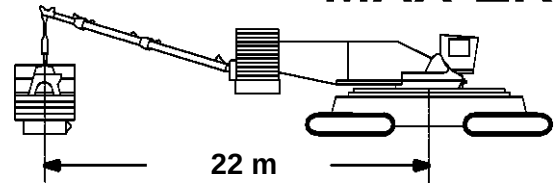
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



54,9 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,2	131,4	166 300	196 400*									41,1
42,0	68,5	131,1	161 700	196 400*									42,0
44,0	67,0	130,2	151 600	193 100*									44,0
46,0	65,4	129,3	142 400	183 900*									46,0
48,0	63,8	128,3	134 100	175 000*									48,0
50,0	62,1	127,3	126 400	166 900*									50,0
52,0	60,5	126,2	119 400	159 300*	64,3	127,6	108 000	151 600*					52,0
54,0	58,8	124,9	112 900	152 300*	62,7	126,6	102 000	144 800*					54,0
56,0	57,1	123,7	107 000	145 800*	61,1	125,5	96 500	138 600*					56,0
58,0	55,3	122,3	101 400	139 700*	59,4	124,3	91 300	132 700*					58,0
60,0	53,5	120,8	96 200	134 000*	57,7	123,0	86 500	127 300*					60,0
62,0	51,7	119,2	91 400	128 700*	55,9	121,7	82 000	122 200*					62,0
64,0	49,8	117,6	86 900	123 700*	54,2	120,2	77 800	117 400*	58,2	121,9	68 900	111 200*	64,0
66,0	47,8	115,8	82 700	118 900*	52,3	118,7	73 900	112 900*	56,5	120,6	65 300	106 900*	66,0
68,0	45,8	113,8	78 700	114 500*	50,5	117,1	70 200	108 600*	54,7	119,2	61 900	102 800*	68,0
70,0	43,8	111,8	74 900	110 200*	48,5	115,3	66 700	104 600*	52,9	117,7	58 700	98 900*	70,0
72,0	41,6	109,6	71 300	106 300*	46,6	113,4	63 400	100 800*	51,0	116,1	55 600	95 300*	72,0
74,0	39,3	107,2	68 000	102 500*	44,5	111,4	60 300	97 100*	49,1	114,3	52 800	91 800*	74,0
76,0	37,0	104,5	64 800	98 900*	42,4	109,3	57 300	93 700*	47,2	112,5	50 000	88 500*	76,0
80,0	31,7	98,5	58 800	92 200*	37,8	104,4	51 800	87 300*	43,0	108,4	44 900	82 400*	80,0
84,0	25,5	91,0	53 300	86 000*	32,7	98,6	46 800	81 400*	38,5	103,6	40 300	76 900*	84,0
88,0	17,4	80,4	48 000	80 300*	26,7	91,3	42 100	76 100*	33,5	98,0	36 100	71 800*	88,0
92,0					19,1	81,5	37 700	71 000*	27,7	91,0	32 200	67 000*	92,0
96,0					2,2	58,6	32 700	65 800*	20,4	81,8	28 400	62 600*	96,0
100,0									7,9	65,0	24 300	58 100*	100,0

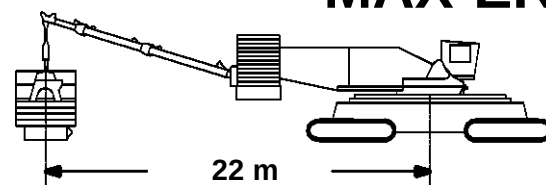
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

54,9 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	67,4	136,1	142 000	170 200*									45,7
46,0	67,3	136,0	140 800	169 900*									46,0
48,0	65,8	135,1	132 400	166 500*									48,0
50,0	64,3	134,2	124 800	160 800*									50,0
52,0	62,8	133,1	117 800	155 100*									52,0
54,0	61,3	132,0	111 300	149 200*									54,0
56,0	59,7	130,9	105 300	143 300*	63,3	132,4	94 600	137 000*					56,0
58,0	58,1	129,6	99 800	137 400*	61,8	131,3	89 500	131 200*					58,0
60,0	56,5	128,3	94 700	131 600*	60,3	130,2	84 700	125 800*					60,0
62,0	54,9	126,9	89 800	125 800*	58,7	129,0	80 200	120 700*					62,0
64,0	53,2	125,4	85 300	120 300*	57,1	127,7	76 000	115 900*					64,0
66,0	51,5	123,8	81 100	114 800*	55,5	126,3	72 100	111 400*	59,2	127,8	63 400	105 300*	66,0
68,0	49,7	122,2	77 100	109 700*	53,8	124,9	68 500	107 200*	57,6	126,6	60 000	101 200*	68,0
70,0	47,9	120,4	73 400	104 700*	52,1	123,3	65 000	103 100*	55,9	125,2	56 800	97 400*	70,0
72,0	46,1	118,5	69 800	99 700*	50,4	121,7	61 700	99 300*	54,3	123,8	53 700	93 800*	72,0
74,0	44,2	116,4	66 500	95 100*	48,6	119,9	58 600	95 700*	52,6	122,3	50 900	90 300*	74,0
76,0	42,2	114,2	63 300	90 700*	46,7	118,1	55 700	92 300*	50,9	120,7	48 200	87 000*	76,0
80,0	37,9	109,4	57 400	82 300*	42,9	113,9	50 200	86 000*	47,3	117,1	43 200	81 000*	80,0
84,0	33,2	103,6	52 100	74 700*	38,7	109,2	45 300	80 200*	43,5	113,1	38 600	75 500*	84,0
88,0	27,8	96,7	47 100	67 800*	34,1	103,6	40 700	74 900*	39,4	108,4	34 500	70 400*	88,0
92,0	21,2	87,6	42 400	61 700*	28,9	96,9	36 600	69 700*	34,8	103,0	30 600	65 800*	92,0
96,0	11,1	73,2	37 800	56 800*	22,5	88,3	32 600	63 400*	29,7	96,5	27 000	61 500*	96,0
100,0					13,5	75,5	28 700	58 100*	23,6	88,3	23 700	57 400*	100,0
104,0									15,2	76,4	20 300	53 600*	104,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

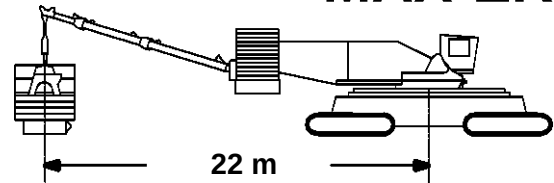
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



54,9 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	60,5	136,8	98 300	115 700*	63,9	138,3	87 700	126 700*					57,9
58,0	60,5	136,8	98 100	115 500*	63,8	138,2	87 500	126 500*					58,0
60,0	59,0	135,6	92 900	110 100*	62,4	137,2	82 700	121 600*					60,0
62,0	57,5	134,3	88 100	104 900*	61,0	136,1	78 200	116 600*					62,0
64,0	56,0	133,0	83 600	99 700*	59,5	134,9	74 000	111 500*					64,0
66,0	54,5	131,5	79 300	94 800*	58,1	133,7	70 100	106 500*					66,0
68,0	52,9	130,0	75 300	90 000*	56,6	132,3	66 400	101 600*					68,0
70,0	51,3	128,4	71 600	85 500*	55,0	130,9	62 900	96 700*	58,5	132,5	54 500	95 400*	70,0
72,0	49,7	126,8	68 000	81 000*	53,5	129,5	59 700	92 000*	57,0	131,2	51 400	91 800*	72,0
74,0	48,0	125,0	64 700	76 800*	51,9	127,9	56 600	87 400*	55,5	129,9	48 600	88 400*	74,0
76,0	46,3	123,1	61 500	72 700*	50,3	126,3	53 700	83 000*	54,0	128,4	45 900	85 100*	76,0
80,0	42,7	118,9	55 700	65 000*	46,9	122,7	48 200	74 500*	50,8	125,2	40 900	79 100*	80,0
84,0	38,8	114,2	50 300	58 000*	43,3	118,6	43 300	66 700*	47,4	121,7	36 400	73 600*	84,0
88,0	34,5	108,7	45 500	51 600*	39,5	113,9	38 800	59 600*	43,9	117,7	32 300	68 100*	88,0
92,0	29,7	102,1	41 000	45 700*	35,3	108,6	34 700	53 100*	40,1	113,2	28 500	60 800*	92,0
96,0	24,0	94,0	36 800	40 400*	30,6	102,3	30 900	47 100*	35,9	107,9	25 000	54 100*	96,0
100,0	16,6	82,8	32 700	35 800*	25,1	94,5	27 300	41 700*	31,3	101,8	21 800	48 200*	100,0
104,0					18,1	84,0	23 800	36 900*	26,0	94,2	18 700	42 800*	104,0
108,0					4,6	62,9	19 900	33 500*	19,3	84,4	15 700	37 800*	108,0
112,0									8,3	67,3	12 500	34 000*	112,0

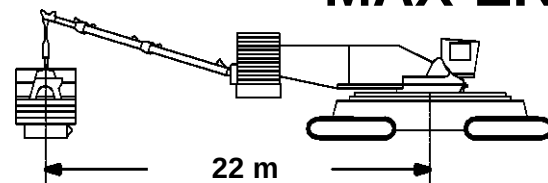
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

61,0 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	63,3	95,9	254 600	300 000* b									30,5
32,0	60,5	95,1	239 600	284 900* b									32,0
34,0	56,8	93,8	222 000	267 100* b									34,0
36,0	52,9	92,3	206 400	251 200*	62,7	94,5	190 700	240 600* b					36,0
38,0	48,7	90,5	192 600	236 800*	59,1	93,3	177 800	226 800* b					38,0
40,0	44,3	88,5	180 100	223 900*	55,3	92,0	166 300	214 400* b					40,0
42,0	39,5	86,2	168 900	212 100*	51,3	90,4	156 000	203 200*					42,0
44,0	34,0	83,3	158 600	201 200*	47,1	88,6	146 600	192 900*	57,4	91,1	134 200	184 500* b	44,0
46,0	27,6	79,8	149 100	191 200*	42,5	86,4	137 900	183 500*	53,6	89,6	126 300	175 500* b	46,0
48,0	19,2	74,8	140 000	181 700*	37,5	83,9	130 000	174 700*	49,5	87,9	119 100	167 200*	48,0
50,0					31,7	80,8	122 600	166 600*	45,1	86,0	112 400	159 500*	50,0
52,0					24,7	76,8	115 600	158 900*	40,3	83,7	106 200	152 400*	52,0
54,0					14,6	70,7	108 500	151 500*	35,0	80,9	100 400	145 700*	54,0
56,0									28,8	77,5	94 800	139 300*	56,0
58,0									20,8	72,9	89 500	133 300*	58,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

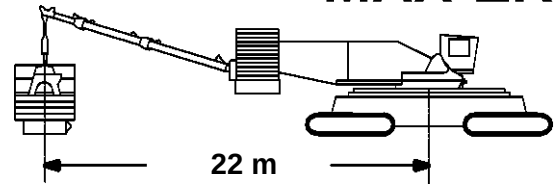
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



61,0 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	67,4	102,7	253 200	298 200* b									30,5
32,0	65,1	102,0	238 200	283 200* b									32,0
34,0	62,1	100,9	220 700	265 500* b									34,0
36,0	58,9	99,7	205 200	249 700*									36,0
38,0	55,7	98,4	191 500	235 400*									38,0
40,0	52,3	96,9	179 200	222 600*	60,9	99,3	164 500	212 700* b					40,0
42,0	48,8	95,1	168 100	210 900*	57,7	98,0	154 200	201 500*					42,0
44,0	45,0	93,2	158 000	200 300*	54,4	96,6	145 000	191 400*					44,0
46,0	41,0	90,9	148 800	190 400*	51,0	95,0	136 500	182 000*	59,5	97,1	124 200	173 600* b	46,0
48,0	36,6	88,3	140 400	181 400*	47,4	93,2	128 800	173 400*	56,3	95,7	117 100	165 300*	48,0
50,0	31,6	85,2	132 600	173 000*	43,5	91,1	121 700	165 500*	52,9	94,2	110 500	157 800*	50,0
52,0	25,7	81,3	125 200	165 200*	39,3	88,7	115 000	158 100*	49,4	92,5	104 500	150 800*	52,0
54,0	18,1	76,0	118 100	157 700*	34,7	85,9	108 900	151 200*	45,7	90,6	98 900	144 200*	54,0
56,0					29,5	82,6	103 100	144 700*	41,7	88,4	93 700	138 100*	56,0
58,0					23,1	78,3	97 500	138 500*	37,3	85,9	88 700	132 400*	58,0
60,0					14,0	71,8	91 800	132 500*	32,5	82,9	84 100	127 000*	60,0
62,0									26,8	79,1	79 600	121 800*	62,0
64,0									19,6	74,2	75 300	116 900*	64,0

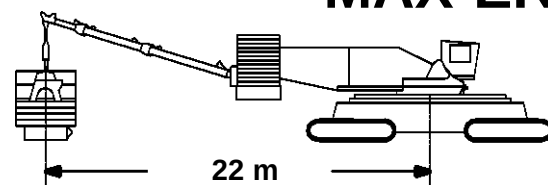
NOTE: Capacities indicated by **(b)** require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000

MAX-ER

61,0 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	68,4	108,7	237 700	281 900*(b)									32,0
34,0	65,8	107,8	220 100	264 300*(b)									34,0
36,0	63,2	106,8	204 600	248 500*									36,0
38,0	60,5	105,7	190 900	234 300*									38,0
40,0	57,8	104,4	178 600	221 500*									40,0
42,0	54,9	103,0	167 600	210 000*	62,2	105,1	153 200	200 300*					42,0
44,0	51,9	101,5	157 600	199 300*	59,5	104,0	143 900	190 100*					44,0
46,0	48,8	99,7	148 500	189 600*	56,7	102,7	135 500	180 800*					46,0
48,0	45,5	97,8	140 200	180 700*	53,8	101,2	127 900	172 300*					48,0
50,0	42,1	95,6	132 500	172 500*	50,7	99,6	120 800	164 400*	58,2	101,7	109 200	156 500*	50,0
52,0	38,3	93,2	125 400	164 800*	47,6	97,8	114 300	157 200*	55,4	100,4	103 200	149 500*	52,0
54,0	34,3	90,3	118 800	157 600*	44,2	95,8	108 300	150 300*	52,4	98,8	97 700	143 000*	54,0
56,0	29,7	87,0	112 600	150 900*	40,7	93,5	102 700	144 000*	49,3	97,1	92 600	137 000*	56,0
58,0	24,3	82,8	106 700	144 600*	36,8	90,9	97 400	138 100*	46,1	95,2	87 800	131 400*	58,0
60,0	17,2	77,2	101 000	138 500*	32,6	87,9	92 400	132 500*	42,7	93,1	83 300	126 100*	60,0
62,0					27,7	84,2	87 700	127 200*	39,0	90,7	79 100	121 100*	62,0
64,0					21,8	79,7	83 200	122 100*	35,0	87,9	75 100	116 400*	64,0
66,0					13,5	72,9	78 500	117 100*	30,5	84,7	71 300	111 900*	66,0
68,0									25,2	80,7	67 600	107 700*	68,0
70,0									18,6	75,4	63 900	103 500*	70,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

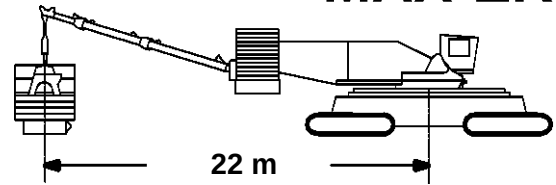
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



61,0 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,2	114,6	222 200	266 300*									33,5
34,0	68,7	114,4	218 400	262 500*									34,0
36,0	66,4	113,6	202 800	246 600*									36,0
38,0	64,1	112,6	189 100	232 500*									38,0
40,0	61,7	111,5	176 900	219 800*									40,0
42,0	59,3	110,4	165 800	208 200*									42,0
44,0	56,8	109,1	155 900	197 700*	63,2	111,0	141 700	188 100*					44,0
46,0	54,2	107,6	146 800	188 100*	60,8	109,9	133 400	178 900*					46,0
48,0	51,6	106,1	138 600	179 200*	58,4	108,7	125 700	170 400*					48,0
50,0	48,8	104,3	131 000	171 000*	55,8	107,3	118 800	162 600*					50,0
52,0	45,9	102,4	124 000	163 400*	53,2	105,8	112 300	155 400*	59,7	107,7	100 800	147 400*	52,0
54,0	42,9	100,3	117 500	156 300*	50,5	104,2	106 400	148 600*	57,2	106,4	95 300	141 000*	54,0
56,0	39,7	97,9	111 500	149 800*	47,7	102,4	100 900	142 400*	54,7	105,0	90 200	135 100*	56,0
58,0	36,2	95,3	105 900	143 600*	44,8	100,4	95 700	136 500*	52,0	103,4	85 600	129 500*	58,0
60,0	32,4	92,2	100 600	137 800*	41,7	98,2	90 900	131 000*	49,3	101,7	81 200	124 200*	60,0
62,0	28,1	88,6	95 600	132 300*	38,4	95,7	86 400	125 900*	46,4	99,9	77 000	119 400*	62,0
64,0	23,1	84,2	90 800	127 100*	34,8	92,9	82 100	121 000*	43,4	97,8	73 200	114 800*	64,0
66,0	16,5	78,4	86 100	122 100*	30,8	89,7	78 000	116 400*	40,2	95,5	69 500	110 400*	66,0
68,0					26,3	85,8	74 100	112 000*	36,8	92,8	66 000	106 300*	68,0
70,0					20,8	81,0	70 400	107 800*	33,0	89,9	62 700	102 300*	70,0
72,0					13,2	74,0	66 500	103 600*	28,8	86,4	59 600	98 600*	72,0
74,0									24,0	82,2	56 400	94 900*	74,0
76,0									17,8	76,6	53 400	91 400*	76,0

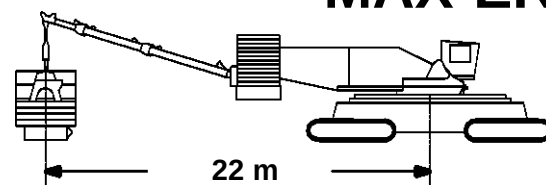
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

61,0 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	120,6	208 600	252 400*									35,1
36,0	68,9	120,2	201 600	245 300*									36,0
38,0	66,9	119,4	187 700	231 100*									38,0
40,0	64,8	118,4	175 500	218 400*									40,0
42,0	62,7	117,4	164 500	206 900*									42,0
44,0	60,5	116,3	154 500	196 400*									44,0
46,0	58,3	115,1	145 500	186 800*	64,0	116,8	131 700	177 400*					46,0
48,0	56,1	113,7	137 300	177 900*	61,9	115,8	124 100	168 900*					48,0
50,0	53,7	112,2	129 800	169 800*	59,7	114,6	117 200	161 200*					50,0
52,0	51,3	110,7	122 800	162 200*	57,5	113,3	110 700	154 000*					52,0
54,0	48,8	108,9	116 400	155 200*	55,2	111,9	104 900	147 300*					54,0
56,0	46,3	107,1	110 400	148 700*	52,8	110,4	99 400	141 100*	58,7	112,4	88 500	133 600*	56,0
58,0	43,6	105,0	104 900	142 600*	50,4	108,8	94 300	135 200*	56,4	111,0	83 800	128 000*	58,0
60,0	40,7	102,7	99 700	136 900*	47,9	107,0	89 500	129 800*	54,1	109,6	79 400	122 800*	60,0
62,0	37,7	100,1	94 800	131 500*	45,2	105,1	85 100	124 700*	51,7	108,0	75 400	118 000*	62,0
64,0	34,4	97,3	90 300	126 400*	42,5	102,9	80 900	119 900*	49,3	106,3	71 600	113 400*	64,0
66,0	30,8	94,1	85 900	121 600*	39,6	100,5	77 000	115 400*	46,7	104,5	68 000	109 100*	66,0
68,0	26,8	90,3	81 800	117 100*	36,4	97,9	73 200	111 100*	44,0	102,4	64 600	105 000*	68,0
70,0	22,1	85,7	77 800	112 700*	33,1	94,9	69 700	107 000*	41,2	100,2	61 400	101 200*	70,0
72,0	16,0	79,5	73 900	108 500*	29,3	91,4	66 300	103 100*	38,2	97,7	58 400	97 500*	72,0
74,0					25,1	87,4	63 000	99 400*	35,0	94,9	55 400	94 000*	74,0
76,0					19,9	82,3	59 800	95 800*	31,4	91,7	52 700	90 700*	76,0
80,0									22,9	83,6	47 300	84 400*	80,0

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

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

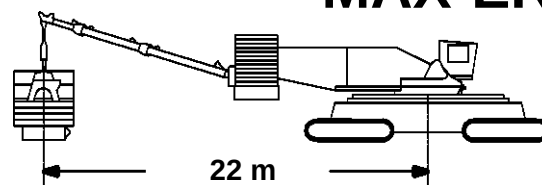
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements



Narrow or Wide Crawler Arrangement - 360 Degree Rating

61,0 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	69,0	125,9	185 600	228 500*									38,1
40,0	67,2	125,2	173 900	216 500*									40,0
42,0	65,4	124,2	162 900	205 000*									42,0
44,0	63,5	123,2	152 900	194 500*									44,0
46,0	61,5	122,2	143 900	184 900*									46,0
48,0	59,5	121,0	135 600	176 100*									48,0
50,0	57,5	119,7	128 100	168 000*	62,7	121,6	115 100	159 200*					50,0
52,0	55,4	118,3	121 200	160 500*	60,8	120,5	108 700	152 000*					52,0
54,0	53,3	116,9	114 700	153 500*	58,8	119,3	102 800	145 400*					54,0
56,0	51,1	115,3	108 800	147 000*	56,7	118,0	97 300	139 200*					56,0
58,0	48,9	113,5	103 300	141 000*	54,6	116,6	92 300	133 400*	59,9	118,3	81 400	125 900*	58,0
60,0	46,5	111,7	98 100	135 300*	52,5	115,0	87 600	128 000*	57,8	117,0	77 100	120 800*	60,0
62,0	44,1	109,6	93 300	130 000*	50,3	113,4	83 100	122 900*	55,8	115,7	73 000	116 000*	62,0
64,0	41,5	107,4	88 800	125 000*	48,0	111,6	79 000	118 200*	53,7	114,2	69 300	111 400*	64,0
66,0	38,8	104,9	84 500	120 300*	45,6	109,7	75 100	113 700*	51,5	112,7	65 700	107 200*	66,0
68,0	35,9	102,2	80 500	115 800*	43,1	107,6	71 400	109 400*	49,2	110,9	62 400	103 100*	68,0
70,0	32,9	99,2	76 700	111 600*	40,5	105,3	67 900	105 400*	46,9	109,1	59 300	99 300*	70,0
72,0	29,5	95,8	73 100	107 500*	37,7	102,7	64 700	101 600*	44,5	107,1	56 200	95 700*	72,0
74,0	25,7	91,8	69 600	103 700*	34,8	99,9	61 500	98 000*	42,0	104,9	53 400	92 300*	74,0
76,0	21,2	87,0	66 200	100 000*	31,6	96,7	58 500	94 500*	39,3	102,5	50 700	89 000*	76,0
80,0					24,0	88,9	52 900	88 000*	33,4	96,9	45 700	82 900*	80,0
84,0					12,7	76,2	47 300	81 800*	26,3	89,7	41 000	77 300*	84,0
88,0									16,6	79,0	36 400	72 000*	88,0

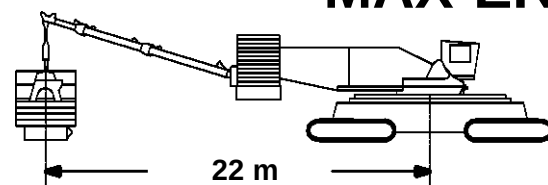
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

61,0 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,6	131,9	174 400	211 600*									39,6
40,0	69,2	131,8	172 300	210 800*									40,0
42,0	67,5	130,9	161 100	204 000*									42,0
44,0	65,8	130,0	151 100	192 900*									44,0
46,0	64,1	129,1	142 100	183 300*									46,0
48,0	62,3	128,0	133 800	174 500*									48,0
50,0	60,5	126,9	126 300	166 400*									50,0
52,0	58,7	125,7	119 400	158 900*	63,4	127,4	106 700	150 300*					52,0
54,0	56,8	124,4	113 000	152 000*	61,6	126,4	100 800	143 600*					54,0
56,0	54,9	123,0	107 000	145 500*	59,8	125,2	95 300	137 500*					56,0
58,0	53,0	121,5	101 500	139 500*	58,0	124,0	90 300	131 700*					58,0
60,0	50,9	119,9	96 400	133 800*	56,1	122,6	85 600	126 300*					60,0
62,0	48,9	118,1	91 600	128 600*	54,2	121,2	81 200	121 300*	59,0	123,0	70 900	114 200*	62,0
64,0	46,7	116,3	87 100	123 600*	52,2	119,7	77 100	116 600*	57,1	121,7	67 100	109 700*	64,0
66,0	44,5	114,3	82 900	118 800*	50,2	118,0	73 200	112 100*	55,2	120,3	63 600	105 400*	66,0
68,0	42,2	112,1	79 000	114 400*	48,1	116,2	69 600	107 900*	53,3	118,8	60 300	101 500*	68,0
70,0	39,8	109,7	75 200	110 300*	45,9	114,3	66 200	103 900*	51,3	117,2	57 200	97 700*	70,0
72,0	37,2	107,1	71 700	106 300*	43,6	112,2	62 900	100 100*	49,2	115,5	54 200	94 100*	72,0
74,0	34,5	104,3	68 300	102 500*	41,3	110,0	59 800	96 600*	47,1	113,7	51 400	90 700*	74,0
76,0	31,5	101,1	65 000	98 900*	38,8	107,5	56 900	93 200*	44,9	111,7	48 800	87 400*	76,0
80,0	24,7	93,4	59 000	92 100*	33,4	101,9	51 400	86 800*	40,2	107,2	43 900	81 500*	80,0
84,0	15,1	81,8	53 200	85 800*	27,0	94,8	46 400	81 000*	34,9	101,9	39 300	76 000*	84,0
88,0					18,6	84,9	41 600	75 500*	28,9	95,2	35 100	70 900*	88,0
92,0									21,3	86,4	31 100	66 200*	92,0
96,0									8,2	70,3	27 000	61 400*	96,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

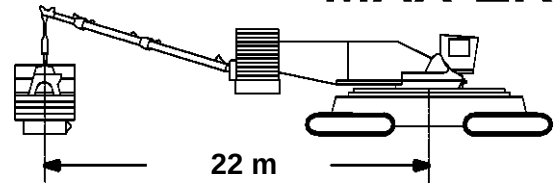
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



61,0 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	68,8	137,2	155 600	183 400*									42,7
44,0	67,8	136,7	149 100	183 400*									44,0
46,0	66,2	135,8	140 000	181 900*									46,0
48,0	64,6	134,9	131 800	172 700*									48,0
50,0	63,0	133,9	124 200	164 600*									50,0
52,0	61,4	132,8	117 300	157 100*									52,0
54,0	59,7	131,6	110 900	150 200*	64,0	133,3	98 400	141 700*					54,0
56,0	58,0	130,4	105 000	143 800*	62,4	132,2	92 900	135 500*					56,0
58,0	56,2	129,0	99 600	137 700*	60,7	131,1	87 900	129 800*					58,0
60,0	54,5	127,6	94 400	132 100*	59,0	129,9	83 300	124 400*					60,0
62,0	52,7	126,1	89 700	126 800*	57,3	128,6	78 900	119 400*					62,0
64,0	50,8	124,5	85 200	121 900*	55,6	127,3	74 800	114 700*	60,0	128,9	64 600	107 600*	64,0
66,0	48,9	122,7	81 000	117 200*	53,8	125,8	71 000	110 200*	58,3	127,7	61 100	103 400*	66,0
68,0	46,9	120,9	77 100	112 800*	51,9	124,3	67 400	106 100*	56,5	126,4	57 800	99 400*	68,0
70,0	44,9	118,9	73 300	108 700*	50,1	122,6	64 000	102 100*	54,8	124,9	54 700	95 700*	70,0
72,0	42,8	116,8	69 800	104 700*	48,1	120,8	60 800	98 400*	53,0	123,4	51 800	92 100*	72,0
74,0	40,5	114,4	66 500	101 000*	46,1	118,9	57 700	94 800*	51,1	121,8	49 100	88 800*	74,0
76,0	38,2	111,9	63 400	97 400*	44,1	116,9	54 800	91 500*	49,2	120,1	46 400	85 500*	76,0
80,0	33,2	106,2	57 500	90 800*	39,7	112,3	49 500	85 200*	45,2	116,3	41 600	79 600*	80,0
84,0	27,3	99,2	52 100	84 700*	34,8	106,9	44 600	79 400*	40,9	111,9	37 100	74 200*	84,0
88,0	19,9	89,7	47 000	79 100*	29,2	100,3	40 100	74 200*	36,2	106,8	33 100	69 200*	88,0
92,0					22,4	91,8	35 800	69 300*	30,9	100,6	29 300	64 600*	92,0
96,0					12,3	78,3	31 600	64 600*	24,5	92,7	25 800	60 300*	96,0
100,0									15,8	81,3	22 200	56 200*	100,0

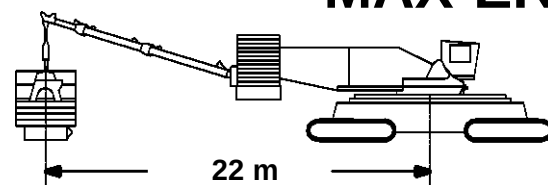
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

61,0 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	67,1	141,9	133 700	160 500*									47,2
48,0	66,6	141,6	130 700	160 400*									48,0
50,0	65,1	140,7	123 100	157 500*									50,0
52,0	63,6	139,7	116 100	152 200*									52,0
54,0	62,1	138,6	109 700	146 800*									54,0
56,0	60,5	137,5	103 700	141 300*									56,0
58,0	59,0	136,3	98 200	135 800*	63,0	138,1	86 400	128 200*					58,0
60,0	57,4	135,0	93 100	130 300*	61,5	137,0	81 700	122 900*					60,0
62,0	55,7	133,7	88 300	124 900*	59,9	135,8	77 300	117 900*					62,0
64,0	54,1	132,2	83 800	119 500*	58,3	134,6	73 200	113 100*					64,0
66,0	52,4	130,7	79 600	114 300*	56,7	133,3	69 400	108 800*					66,0
68,0	50,7	129,1	75 700	109 200*	55,1	131,9	65 800	104 600*	59,2	133,6	56 000	97 800*	68,0
70,0	48,9	127,3	72 000	104 400*	53,4	130,4	62 400	100 600*	57,6	132,4	52 900	94 100*	70,0
72,0	47,1	125,5	68 500	99 600*	51,7	128,9	59 200	96 900*	56,0	131,0	50 000	90 500*	72,0
74,0	45,2	123,5	65 200	95 100*	50,0	127,2	56 200	93 400*	54,4	129,6	47 200	87 200*	74,0
76,0	43,2	121,4	62 000	90 700*	48,2	125,4	53 300	90 000*	52,7	128,1	44 700	84 000*	76,0
80,0	39,1	116,7	56 200	82 500*	44,4	121,5	48 000	83 800*	49,2	124,7	39 800	78 100*	80,0
84,0	34,5	111,2	50 900	75 000*	40,4	117,0	43 100	78 100*	45,5	121,0	35 500	72 700*	84,0
88,0	29,4	104,7	46 000	68 100*	36,0	111,8	38 700	73 000*	41,5	116,7	31 500	67 800*	88,0
92,0	23,1	96,3	41 500	62 000*	31,0	105,6	34 600	68 200*	37,3	111,7	27 700	63 300*	92,0
96,0	14,5	84,1	37 000	56 800*	25,2	97,9	30 800	63 700*	32,5	105,8	24 300	59 100*	96,0
100,0					17,6	87,3	27 100	58 900*	26,9	98,6	21 100	55 200*	100,0
104,0									20,0	89,0	18 000	51 500*	104,0
108,0									8,6	72,5	14 700	47 800*	108,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

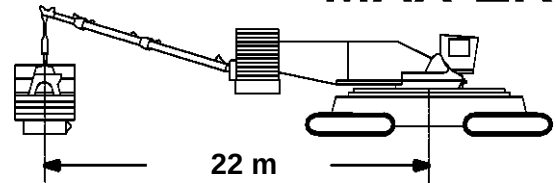
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



61,0 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
59,4	60,2	142,6	92 400	113 800*	63,9	144,2	80 600	122 300*					59,4
60,0	59,8	142,2	91 000	112 300*	63,5	143,9	79 300	120 900*					60,0
62,0	58,3	141,0	86 200	107 100*	62,1	142,8	74 900	115 900*					62,0
64,0	56,8	139,7	81 700	102 000*	60,7	141,7	70 800	111 200*					64,0
66,0	55,3	138,3	77 600	97 100*	59,2	140,5	67 000	106 800*					66,0
68,0	53,8	136,9	73 600	92 300*	57,8	139,3	63 400	102 700*					68,0
70,0	52,2	135,3	69 900	87 700*	56,2	137,9	60 000	98 800*					70,0
72,0	50,6	133,7	66 400	83 300*	54,7	136,5	56 900	95 000*	58,6	138,3	47 500	88 500*	72,0
74,0	48,9	131,9	63 200	79 000*	53,2	135,0	53 900	91 000*	57,1	137,0	44 700	85 200*	74,0
76,0	47,2	130,1	60 000	74 800*	51,6	133,5	51 000	86 400*	55,6	135,6	42 100	82 000*	76,0
80,0	43,6	126,1	54 200	67 000*	48,2	130,0	45 700	77 800*	52,4	132,7	37 400	76 100*	80,0
84,0	39,8	121,5	49 000	59 900*	44,8	126,1	41 000	69 900*	49,2	129,3	33 100	70 800*	84,0
88,0	35,7	116,2	44 200	53 300*	41,0	121,7	36 600	62 500*	45,7	125,6	29 100	66 000*	88,0
92,0	31,0	110,0	39 800	47 300*	37,0	116,7	32 600	55 700*	42,1	121,3	25 500	61 500*	92,0
96,0	25,6	102,3	35 700	41 900*	32,5	110,8	28 900	49 500*	38,1	116,5	22 100	57 400*	96,0
100,0	18,8	92,2	31 700	37 000*	27,4	103,7	25 400	43 900*	33,8	110,8	19 000	51 400*	100,0
104,0					21,1	94,5	22 100	38 800*	28,9	104,1	16 100	45 600*	104,0
108,0					12,0	80,5	18 800	34 600*	23,0	95,7	13 300	40 400*	108,0
112,0									15,1	83,7	10 500	35 900*	112,0

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

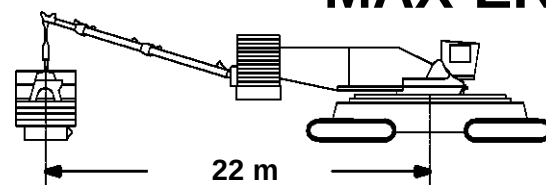
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements

21000
MAX-ER



67,1 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0				c									29,0
30,0				c									30,0
32,0	62,4	101,7	236 800	281 800*b									32,0
34,0	58,8	100,5	219 300	264 100*b									34,0
36,0	55,0	99,1	203 900	248 400*b									36,0
38,0	51,0	97,5	190 300	234 200*	62,0	100,2	173 200	222 800*b					38,0
40,0	46,7	95,6	178 000	221 400*	58,3	99,0	162 000	210 600*b					40,0
42,0	42,1	93,5	166 900	209 700*	54,5	97,6	151 900	199 600*b					42,0
44,0	37,0	90,9	156 700	199 000*	50,5	95,9	142 800	189 500*					44,0
46,0	31,2	87,8	147 400	189 200*	46,1	94,0	134 400	180 200*	57,6	96,9	121 000	171 000*b	46,0
48,0	24,0	83,7	138 700	180 000*	41,5	91,8	126 700	171 600*	53,7	95,4	114 100	162 900*b	48,0
50,0	13,3	77,2	130 000	171 100*	36,3	89,2	119 500	163 700*	49,6	93,8	107 600	155 400*	50,0
52,0					30,4	86,0	112 800	156 200*	45,3	91,8	101 700	148 500*	52,0
54,0					23,0	81,7	106 400	149 200*	40,5	89,5	96 100	142 000*	54,0
56,0					11,2	74,5	99 700	142 200*	35,2	86,8	90 900	135 900*	56,0
58,0									29,1	83,4	85 900	130 200*	58,0
60,0									21,2	78,8	81 000	124 600*	60,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

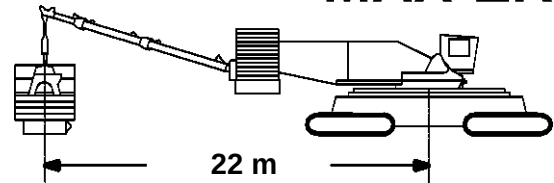
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



67,1 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	66,7	108,5	235 700	279 900* b									32,0
34,0	63,7	107,5	218 300	262 400* b									34,0
36,0	60,6	106,4	202 900	246 800* b									36,0
38,0	57,4	105,1	189 300	232 700*									38,0
40,0	54,1	103,7	177 100	220 000*	63,3	106,0	160 300	208 800* b					40,0
42,0	50,7	102,1	166 100	208 500*	60,2	104,9	150 200	197 700* b					42,0
44,0	47,0	100,2	156 100	197 900*	57,0	103,6	141 200	187 800*					44,0
46,0	43,2	98,2	147 000	188 300*	53,7	102,2	132 900	178 600*					46,0
48,0	39,0	95,8	138 700	179 300*	50,2	100,5	125 300	170 200*					48,0
50,0	34,3	92,9	131 000	171 100*	46,6	98,7	118 400	162 300*	56,4	101,5	105 600	153 600*	50,0
52,0	29,0	89,5	123 800	163 300*	42,7	96,5	111 900	155 100*	53,1	100,0	99 800	146 700*	52,0
54,0	22,5	85,1	116 900	156 000*	38,4	94,1	105 900	148 400*	49,5	98,3	94 400	140 400*	54,0
56,0	12,9	78,2	110 100	148 900*	33,7	91,2	100 300	142 000*	45,8	96,4	89 400	134 400*	56,0
58,0					28,2	87,7	94 900	136 000*	41,9	94,2	84 700	128 800*	58,0
60,0					21,5	83,1	89 800	130 300*	37,5	91,7	80 200	123 600*	60,0
62,0					11,1	75,6	84 300	124 600*	32,7	88,7	76 000	118 600*	62,0
64,0									27,1	85,1	72 000	113 900*	64,0
66,0									19,9	80,1	67 900	109 300*	66,0

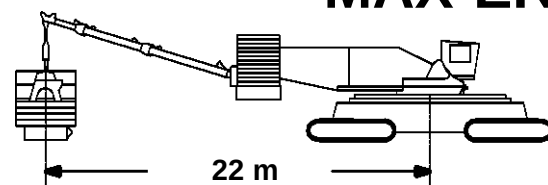
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

67,1 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,8	115,1	234 600	278 500*									32,0
34,0	67,2	114,3	217 200	261 100*									34,0
36,0	64,6	113,3	201 900	245 500*									36,0
38,0	62,0	112,3	188 300	231 500*									38,0
40,0	59,2	111,1	176 200	218 900*									40,0
42,0	56,4	109,8	165 200	207 400*									42,0
44,0	53,5	108,3	155 400	197 000*	61,6	110,8	139 800	186 400*					44,0
46,0	50,5	106,7	146 300	187 300*	58,9	109,6	131 600	177 300*					46,0
48,0	47,3	104,9	138 100	178 500*	56,1	108,3	124 100	168 900*					48,0
50,0	43,9	102,8	130 600	170 400*	53,1	106,8	117 200	161 200*					50,0
52,0	40,4	100,5	123 600	162 800*	50,1	105,1	110 900	154 000*	58,3	107,5	98 200	145 300*	52,0
54,0	36,5	97,9	117 100	155 800*	46,9	103,3	105 000	147 400*	55,5	106,2	92 900	139 000*	54,0
56,0	32,2	94,8	111 000	149 100*	43,5	101,2	99 500	141 200*	52,5	104,6	88 000	133 200*	56,0
58,0	27,2	91,1	105 300	142 900*	39,9	98,9	94 400	135 400*	49,5	102,9	83 400	127 700*	58,0
60,0	21,2	86,4	99 700	137 000*	36,0	96,2	89 600	129 900*	46,2	101,1	79 100	122 500*	60,0
62,0	12,6	79,3	94 200	131 200*	31,6	93,1	85 100	124 700*	42,8	98,9	75 000	117 700*	62,0
64,0					26,6	89,3	80 700	119 800*	39,1	96,5	71 200	113 100*	64,0
66,0					20,4	84,4	76 500	115 100*	35,1	93,8	67 600	108 800*	66,0
68,0					11,0	76,6	72 000	110 300*	30,7	90,5	64 100	104 700*	68,0
70,0									25,5	86,6	60 800	100 700*	70,0
72,0									18,9	81,4	57 400	96 900*	72,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

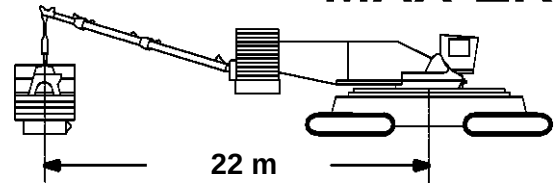
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



67,1 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,7	120,5	207 000	250 700* ^b									35,1
36,0	67,6	120,1	200 100	243 700* ^b									36,0
38,0	65,3	119,1	186 400	229 700*									38,0
40,0	63,0	118,1	174 300	217 100*									40,0
42,0	60,6	117,0	163 400	205 600*									42,0
44,0	58,1	115,8	153 500	195 200*									44,0
46,0	55,6	114,4	144 600	185 700*	62,7	116,7	129 300	175 300*					46,0
48,0	53,0	112,9	136 400	176 900*	60,3	115,5	121 800	166 900*					48,0
50,0	50,3	111,3	128 900	168 800*	57,8	114,3	115 000	159 300*					50,0
52,0	47,5	109,5	122 000	161 400*	55,3	112,9	108 800	152 200*					52,0
54,0	44,5	107,5	115 600	154 400*	52,7	111,4	102 900	145 600*					54,0
56,0	41,4	105,2	109 700	147 900*	50,0	109,7	97 600	139 400*	57,3	112,2	85 500	131 100*	56,0
58,0	38,1	102,7	104 200	141 800*	47,1	107,9	92 500	133 700*	54,8	110,8	80 900	125 700*	58,0
60,0	34,4	99,9	99 000	136 000*	44,2	105,9	87 900	128 300*	52,2	109,2	76 700	120 600*	60,0
62,0	30,4	96,6	94 000	130 700*	41,0	103,6	83 400	123 300*	49,4	107,5	72 800	115 800*	62,0
64,0	25,8	92,7	89 400	125 600*	37,6	101,1	79 300	118 500*	46,6	105,7	69 100	111 300*	64,0
66,0	20,3	87,8	84 800	120 600*	34,0	98,2	75 400	114 000*	43,6	103,6	65 500	107 100*	66,0
68,0	12,3	80,4	80 200	115 800*	29,9	94,8	71 600	109 700*	40,4	101,3	62 200	103 100*	68,0
70,0					25,2	90,8	68 000	105 600*	36,9	98,7	59 100	99 300*	70,0
72,0					19,4	85,7	64 500	101 600*	33,2	95,7	56 100	95 600*	72,0
74,0					10,9	77,7	60 700	97 600*	29,0	92,3	53 200	92 200*	74,0
76,0									24,2	88,1	50 300	88 800*	76,0

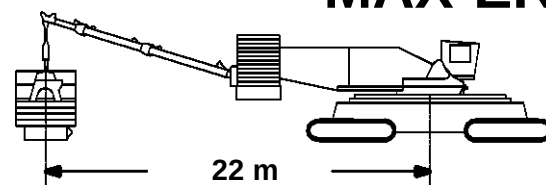
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

67,1 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	126,4	195 000	237 900*									36,6
38,0	68,0	125,8	185 500	228 200*									38,0
40,0	65,9	124,9	173 300	215 600*									40,0
42,0	63,8	124,0	162 400	204 200*									42,0
44,0	61,7	122,9	152 500	193 900*									44,0
46,0	59,5	121,7	143 600	184 400*									46,0
48,0	57,3	120,4	135 400	175 600*	63,5	122,5	120 400	165 400*					48,0
50,0	55,0	119,0	127 900	167 600*	61,4	121,4	113 600	157 800*					50,0
52,0	52,6	117,5	121 000	160 100*	59,2	120,2	107 300	150 700*					52,0
54,0	50,2	115,9	114 700	153 200*	57,0	118,9	101 500	144 200*					54,0
56,0	47,6	114,1	108 800	146 800*	54,7	117,5	96 200	138 100*					56,0
58,0	45,0	112,1	103 300	140 700*	52,3	116,0	91 200	132 400*	58,8	118,1	79 200	124 100*	58,0
60,0	42,2	109,9	98 100	135 100*	49,9	114,3	86 600	127 000*	56,5	116,8	75 100	119 100*	60,0
62,0	39,3	107,5	93 300	129 800*	47,3	112,5	82 200	122 000*	54,2	115,4	71 200	114 300*	62,0
64,0	36,2	104,8	88 800	124 800*	44,7	110,5	78 100	117 300*	51,8	113,8	67 500	109 900*	64,0
66,0	32,7	101,8	84 600	120 000*	41,9	108,3	74 300	112 900*	49,4	112,1	64 000	105 700*	66,0
68,0	29,0	98,3	80 500	115 500*	38,9	105,9	70 600	108 700*	46,8	110,3	60 800	101 800*	68,0
70,0	24,7	94,2	76 600	111 300*	35,7	103,2	67 200	104 700*	44,1	108,2	57 700	98 000*	70,0
72,0	19,4	89,0	72 800	107 100*	32,3	100,1	63 900	100 900*	41,3	106,0	54 800	94 400*	72,0
74,0	12,1	81,5	68 900	103 100*	28,5	96,5	60 800	97 200*	38,3	103,5	52 000	91 100*	74,0
76,0					24,1	92,3	57 700	93 800*	35,1	100,8	49 300	87 800*	76,0
80,0					10,8	78,8	51 500	86 900*	27,7	93,9	44 300	81 800*	80,0
84,0									17,4	83,8	39 500	76 100*	84,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

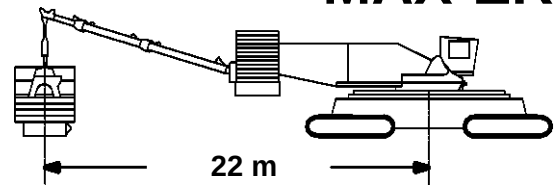
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



67,1 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	132,4	182 700	224 600*									38,1
40,0	68,2	131,6	171 200	213 700*									40,0
42,0	66,4	130,7	160 300	202 300*									42,0
44,0	64,5	129,8	150 400	192 000*									44,0
46,0	62,5	128,7	141 500	182 500*									46,0
48,0	60,6	127,6	133 300	173 800*									48,0
50,0	58,6	126,4	125 900	165 800*									50,0
52,0	56,5	125,1	119 000	158 300*	62,3	127,3	104 900	148 600*					52,0
54,0	54,4	123,7	112 700	151 500*	60,3	126,1	99 100	142 100*					54,0
56,0	52,3	122,1	106 900	145 000*	58,3	124,9	93 800	136 100*					56,0
58,0	50,1	120,5	101 400	139 000*	56,3	123,6	88 900	130 400*					58,0
60,0	47,8	118,7	96 300	133 400*	54,2	122,1	84 300	125 100*					60,0
62,0	45,4	116,7	91 600	128 200*	52,0	120,6	80 000	120 200*	57,9	122,8	68 500	112 200*	62,0
64,0	42,9	114,6	87 100	123 300*	49,8	118,9	75 900	115 500*	55,9	121,5	64 900	107 800*	64,0
66,0	40,3	112,3	82 900	118 600*	47,5	117,1	72 200	111 100*	53,8	120,0	61 500	103 700*	66,0
68,0	37,5	109,7	79 000	114 200*	45,1	115,1	68 600	106 900*	51,6	118,4	58 300	99 700*	68,0
70,0	34,5	106,9	75 200	110 000*	42,6	113,0	65 200	103 000*	49,3	116,7	55 300	96 100*	70,0
72,0	31,3	103,7	71 600	106 000*	39,9	110,6	62 100	99 300*	47,0	114,9	52 500	92 500*	72,0
74,0	27,7	100,0	68 200	102 200*	37,1	108,0	59 000	95 700*	44,6	112,9	49 700	89 200*	74,0
76,0	23,7	95,7	64 900	98 600*	34,1	105,2	56 100	92 400*	42,1	110,7	47 200	86 000*	76,0
80,0	11,9	82,6	58 400	91 600*	27,3	98,2	50 600	86 000*	36,6	105,7	42 300	80 100*	80,0
84,0					18,0	88,2	45 400	80 100*	30,2	99,4	37 900	74 700*	84,0
88,0									22,2	90,9	33 700	69 600*	88,0

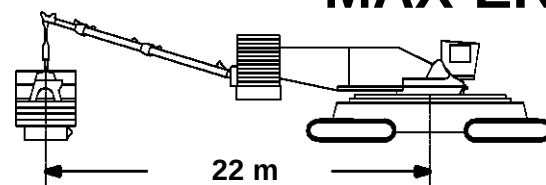
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

67,1 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,2	137,7	162 900	198 600*									41,1
42,0	68,4	137,4	158 500	197 700*									42,0
44,0	66,7	136,5	148 600	190 700*									44,0
46,0	65,0	135,6	139 600	180 800*									46,0
48,0	63,3	134,6	131 500	172 200*									48,0
50,0	61,5	133,5	124 100	164 100*									50,0
52,0	59,7	132,3	117 200	156 700*	64,8	134,1	102 800	146 900*					52,0
54,0	57,8	131,1	110 900	149 900*	63,0	133,1	97 000	140 400*					54,0
56,0	55,9	129,7	105 000	143 500*	61,3	132,0	91 700	134 400*					56,0
58,0	54,0	128,3	99 600	137 500*	59,4	130,8	86 800	128 700*					58,0
60,0	52,0	126,7	94 600	131 900*	57,6	129,6	82 200	123 500*					60,0
62,0	50,0	125,1	89 800	126 700*	55,7	128,2	78 000	118 500*					62,0
64,0	47,9	123,3	85 400	121 800*	53,8	126,8	74 000	113 900*	59,1	128,8	62 700	106 000*	64,0
66,0	45,7	121,3	81 300	117 100*	51,8	125,2	70 200	109 500*	57,2	127,5	59 300	101 900*	66,0
68,0	43,4	119,3	77 300	112 800*	49,7	123,5	66 700	105 300*	55,3	126,1	56 200	98 000*	68,0
70,0	41,1	117,0	73 700	108 600*	47,6	121,7	63 300	101 400*	53,4	124,6	53 200	94 300*	70,0
72,0	38,6	114,5	70 200	104 700*	45,4	119,8	60 200	97 800*	51,4	123,1	50 300	90 900*	72,0
74,0	35,9	111,8	66 800	101 000*	43,1	117,7	57 200	94 200*	49,3	121,3	47 700	87 600*	74,0
76,0	33,1	108,8	63 700	97 400*	40,8	115,4	54 300	90 900*	47,2	119,5	45 100	84 400*	76,0
80,0	26,7	101,6	57 700	90 800*	35,6	110,1	49 100	84 700*	42,7	115,4	40 400	78 600*	80,0
84,0	18,2	91,6	52 100	84 600*	29,7	103,7	44 200	79 000*	37,8	110,5	36 100	73 200*	84,0
88,0					22,3	95,2	39 600	73 700*	32,2	104,6	32 100	68 300*	88,0
92,0					10,7	80,9	35 000	68 500*	25,5	97,1	28 300	63 800*	92,0
96,0									16,4	86,2	24 600	59 400*	96,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

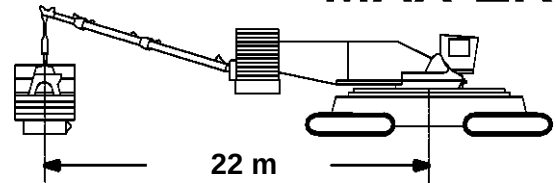
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



67,1 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	68,5	143,1	145 500	172 500*									44,2
46,0	67,1	142,3	137 500	172 500*									46,0
48,0	65,5	141,4	129 400	169 800*									48,0
50,0	63,9	140,4	121 900	162 300*									50,0
52,0	62,2	139,4	115 100	154 900*									52,0
54,0	60,6	138,2	108 800	148 000*									54,0
56,0	58,9	137,0	103 000	141 700*	63,7	138,9	89 300	132 300*					56,0
58,0	57,2	135,8	97 600	135 700*	62,0	137,9	84 400	126 700*					58,0
60,0	55,4	134,4	92 500	130 200*	60,4	136,8	79 800	121 400*					60,0
62,0	53,6	132,9	87 800	125 000*	58,7	135,5	75 600	116 500*					62,0
64,0	51,8	131,3	83 400	120 100*	56,9	134,2	71 600	111 900*					64,0
66,0	49,9	129,7	79 300	115 500*	55,2	132,9	67 900	107 500*					66,0
68,0	48,0	127,9	75 400	111 100*	53,4	131,4	64 400	103 500*	58,3	133,5	53 600	95 900*	68,0
70,0	46,0	126,0	71 700	107 000*	51,6	129,8	61 100	99 600*	56,6	132,1	50 600	92 300*	70,0
72,0	43,9	123,9	68 300	103 100*	49,7	128,1	57 900	95 900*	54,8	130,7	47 800	88 800*	72,0
74,0	41,7	121,7	65 000	99 400*	47,7	126,3	55 000	92 400*	53,0	129,2	45 200	85 500*	74,0
76,0	39,5	119,3	61 900	95 900*	45,7	124,4	52 200	89 100*	51,2	127,7	42 700	82 400*	76,0
80,0	34,6	113,8	56 100	89 400*	41,4	120,1	47 000	83 000*	47,3	124,1	38 000	76 700*	80,0
84,0	29,0	107,2	50 700	83 400*	36,8	115,0	42 200	77 400*	43,2	120,1	33 800	71 400*	84,0
88,0	22,1	98,5	45 800	77 900*	31,5	109,0	37 900	72 200*	38,7	115,3	29 900	66 600*	88,0
92,0	11,6	84,7	40 900	72 500*	25,3	101,3	33 800	67 400*	33,7	109,7	26 300	62 100*	92,0
96,0					17,0	90,6	29 900	62 900*	28,0	102,8	23 000	58 000*	96,0
100,0									20,8	93,7	19 700	54 100*	100,0

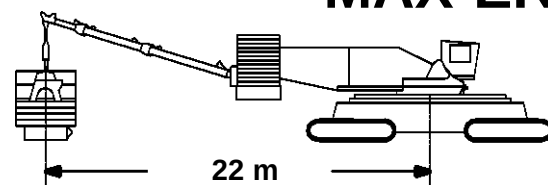
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

67,1 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	66,8	147,7	125 200	151 400*									48,8
50,0	65,9	147,2	120 700	151 400*									50,0
52,0	64,4	146,2	113 800	151 100*									52,0
54,0	62,9	145,2	107 500	146 800*									54,0
56,0	61,3	144,1	101 600	140 200*									56,0
58,0	59,8	142,9	96 200	134 200*	64,2	144,8	82 800	125 000*					58,0
60,0	58,2	141,7	91 100	128 700*	62,7	143,7	78 200	119 800*					60,0
62,0	56,6	140,4	86 400	123 500*	61,1	142,6	73 900	114 900*					62,0
64,0	55,0	139,0	82 000	118 600*	59,6	141,5	70 000	110 300*					64,0
66,0	53,3	137,5	77 800	114 100*	58,0	140,2	66 200	106 000*					66,0
68,0	51,6	135,9	74 000	109 700*	56,4	138,9	62 700	101 900*					68,0
70,0	49,8	134,3	70 300	105 600*	54,8	137,5	59 400	98 100*					70,0
72,0	48,0	132,5	66 900	101 700*	53,1	136,0	56 300	94 400*	57,7	138,1	45 900	87 200*	72,0
74,0	46,2	130,6	63 600	97 300*	51,4	134,4	53 300	90 900*	56,1	136,8	43 300	83 900*	74,0
76,0	44,3	128,6	60 500	92 900*	49,6	132,7	50 600	87 700*	54,4	135,4	40 800	80 900*	76,0
80,0	40,2	124,0	54 700	84 600*	45,9	129,0	45 400	81 600*	51,0	132,2	36 200	75 100*	80,0
84,0	35,8	118,8	49 500	76 900*	42,0	124,8	40 700	76 000*	47,4	128,7	32 000	69 900*	84,0
88,0	30,8	112,5	44 700	69 900*	37,8	119,9	36 400	71 000*	43,6	124,7	28 200	65 100*	88,0
92,0	24,9	104,8	40 300	63 600*	33,1	114,1	32 500	66 300*	39,5	120,1	24 700	60 700*	92,0
96,0	17,2	94,0	36 000	58 100*	27,6	107,1	28 800	61 900*	35,0	114,7	21 400	56 700*	96,0
100,0					20,9	97,9	25 200	57 800*	29,9	108,2	18 300	52 900*	100,0
104,0					10,6	83,1	21 600	53 800*	23,9	100,1	15 400	49 300*	104,0
108,0									15,6	88,6	12 500	45 900*	108,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

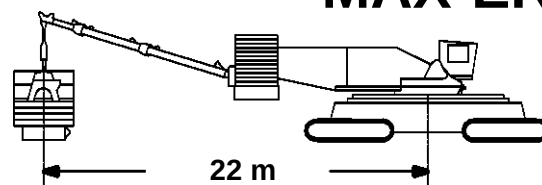
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



67,1 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	65,3	152,3	107 300	130 400*									53,3
54,0	64,8	152,0	105 300	128 800*									54,0
56,0	63,4	151,0	99 400	124 000*									56,0
58,0	62,0	150,0	94 000	119 000*									58,0
60,0	60,6	148,8	88 900	114 000*	64,6	150,6	75 700	117 800*					60,0
62,0	59,1	147,6	84 200	109 100*	63,2	149,6	71 400	112 900*					62,0
64,0	57,6	146,4	79 800	104 100*	61,8	148,5	67 500	108 300*					64,0
66,0	56,1	145,1	75 700	99 200*	60,4	147,4	63 800	104 000*					66,0
68,0	54,6	143,6	71 800	94 500*	58,9	146,2	60 300	100 000*					68,0
70,0	53,0	142,1	68 200	89 900*	57,4	144,9	57 000	96 100*					70,0
72,0	51,4	140,6	64 800	85 400*	55,9	143,5	53 900	92 500*					72,0
74,0	49,8	138,9	61 500	81 100*	54,4	142,1	51 000	89 100*	58,6	144,1	40 600	81 800*	74,0
76,0	48,1	137,1	58 400	76 900*	52,8	140,6	48 200	85 800*	57,1	142,8	38 200	78 800*	76,0
80,0	44,6	133,2	52 800	69 000*	49,6	137,3	43 100	79 700*	54,1	140,0	33 600	73 100*	80,0
84,0	40,9	128,8	47 600	61 700*	46,2	133,6	38 500	72 900*	50,9	136,9	29 500	67 900*	84,0
88,0	36,8	123,7	42 900	55 000*	42,5	129,4	34 200	65 400*	47,6	133,3	25 700	63 200*	88,0
92,0	32,3	117,7	38 600	48 900*	38,6	124,7	30 400	58 400*	44,0	129,4	22 300	58 800*	92,0
96,0	27,2	110,5	34 500	43 300*	34,3	119,1	26 800	52 000*	40,2	124,8	19 100	54 800*	96,0
100,0	20,8	101,3	30 600	38 300*	29,5	112,5	23 400	46 200*	36,1	119,6	16 200	51 100*	100,0
104,0	11,4	86,9	26 800	34 100*	23,8	104,3	20 200	40 900*	31,5	113,5	13 400	47 700*	104,0
108,0					16,2	93,0	17 100	36 200*	26,2	106,1	10 700	43 100*	108,0
112,0									19,6	96,3	8 100	38 200*	112,0

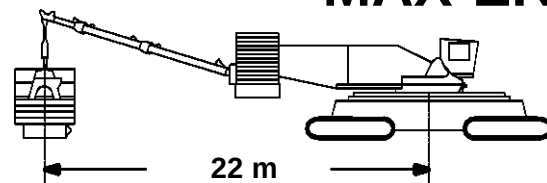
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

73,2 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0				c									29,0
30,0				c									30,0
32,0	64,3	108,2	233 900	278 700*b									32,0
34,0	60,7	107,1	216 600	261 300*b									34,0
36,0	57,0	105,8	201 400	245 700*b									36,0
38,0	53,1	104,4	187 900	231 700*b									38,0
40,0	49,0	102,7	175 800	219 100*	61,2	105,8	157 800	206 900*b					40,0
42,0	44,6	100,7	164 800	207 500*	57,5	104,6	148 000	196 100*b					42,0
44,0	39,8	98,3	154 800	196 900*	53,7	103,1	139 000	186 200*b					44,0
46,0	34,4	95,5	145 600	187 200*	49,6	101,4	130 900	177 100*					46,0
48,0	28,0	92,0	137 100	178 200*	45,2	99,5	123 400	168 700*	57,8	102,7	109 100	158 900*b	48,0
50,0	19,8	87,1	128 900	169 600*	40,4	97,2	116 400	160 900*	53,9	101,2	102 900	151 600*b	50,0
52,0					35,1	94,5	109 900	153 600*	49,8	99,6	97 200	144 800*	52,0
54,0					29,0	91,1	103 800	146 800*	45,5	97,6	91 900	138 500*	54,0
56,0					21,1	86,5	97 900	140 300*	40,7	95,4	86 900	132 600*	56,0
58,0									35,5	92,7	82 200	127 000*	58,0
60,0									29,4	89,3	77 700	121 700*	60,0
62,0									21,6	84,8	73 300	116 600*	62,0
64,0									7,8	76,2	68 400	111 300*	64,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

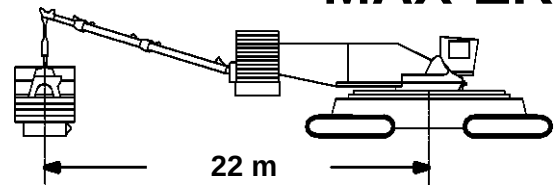
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



73,2 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	68,2	115,0	232 600	276 800 b									32,0
34,0	65,3	114,1	215 400	259 500 b									34,0
36,0	62,3	113,0	200 200	244 000 b									36,0
38,0	59,1	111,8	186 700	230 100 b									38,0
40,0	55,9	110,5	174 700	217 500*									40,0
42,0	52,5	109,0	163 800	206 100*	62,7	111,7	146 200	194 200 b					42,0
44,0	49,0	107,2	154 000	195 700*	59,6	110,5	137 200	184 300 b					44,0
46,0	45,2	105,3	145 000	186 200*	56,3	109,2	129 100	175 300*					46,0
48,0	41,2	103,1	136 800	177 300*	53,0	107,7	121 800	167 000*					48,0
50,0	36,8	100,5	129 200	169 200*	49,5	106,0	115 000	159 400*					50,0
52,0	31,9	97,4	122 100	161 600*	45,8	104,1	108 700	152 300*	56,5	107,3	95 100	142 800*	52,0
54,0	26,1	93,6	115 400	154 400*	41,8	101,9	102 900	145 600*	53,2	105,8	89 900	136 700*	54,0
56,0	18,6	88,4	109 000	147 600*	37,4	99,4	97 400	139 500*	49,7	104,2	85 100	130 800*	56,0
58,0					32,6	96,4	92 300	133 600*	46,0	102,2	80 500	125 500*	58,0
60,0					27,0	92,7	87 300	128 100*	42,0	100,1	76 300	120 300*	60,0
62,0					19,8	87,8	82 500	122 800*	37,7	97,6	72 300	115 600*	62,0
64,0					6,8	78,3	77 300	117 300*	32,9	94,6	68 500	111 000*	64,0
66,0									27,3	90,9	64 800	106 600*	66,0
68,0									20,3	86,1	61 100	102 400*	68,0
70,0									8,2	77,4	57 100	98 000*	70,0

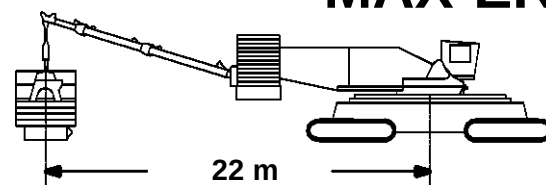
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000

MAX-ER

73,2 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,2	120,9	218 100	262 000*(b)									33,5
34,0	68,6	120,7	214 300	258 200*(b)									34,0
36,0	66,0	119,8	199 100	242 700*(b)									36,0
38,0	63,4	118,8	185 600	228 800*(b)									38,0
40,0	60,7	117,7	173 600	216 400*									40,0
42,0	57,9	116,5	162 900	205 000*									42,0
44,0	55,1	115,1	153 100	194 600*									44,0
46,0	52,1	113,6	144 200	185 200*	61,1	116,4	127 600	173 900*					46,0
48,0	49,0	111,8	136 100	176 400*	58,3	115,2	120 400	165 700*					48,0
50,0	45,7	109,9	128 600	168 400*	55,4	113,8	113 600	158 100*					50,0
52,0	42,3	107,8	121 700	160 900*	52,5	112,3	107 500	151 100*					52,0
54,0	38,6	105,3	115 300	153 900*	49,4	110,6	101 800	144 600*	58,5	113,3	88 200	135 200*	54,0
56,0	34,5	102,5	109 300	147 400*	46,2	108,8	96 400	138 500*	55,6	111,9	83 500	129 500*	56,0
58,0	29,9	99,2	103 700	141 300*	42,8	106,6	91 500	132 700*	52,7	110,4	79 000	124 100*	58,0
60,0	24,6	95,1	98 300	135 500*	39,1	104,2	86 800	127 400*	49,6	108,8	74 900	119 100*	60,0
62,0	17,7	89,6	93 100	129 900*	35,1	101,4	82 400	122 400*	46,4	106,9	71 100	114 400*	62,0
64,0	2,6	76,9	87 200	124 000*	30,6	98,2	78 200	117 500*	43,0	104,8	67 400	110 000*	64,0
66,0					25,4	94,2	74 200	113 000*	39,3	102,4	63 900	105 800*	66,0
68,0					18,8	89,0	70 200	108 600*	35,3	99,6	60 700	101 800*	68,0
70,0					7,4	79,5	65 900	104 000*	30,9	96,4	57 500	98 000*	70,0
72,0									25,7	92,5	54 400	94 300*	72,0
74,0									19,2	87,4	51 400	90 700*	74,0
76,0									8,6	78,5	47 900	87 000*	76,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

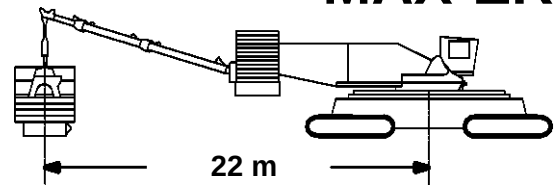
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



73,2 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	126,9	204 600	247 700* b									35,1
36,0	68,8	126,5	197 800	240 800* b									36,0
38,0	66,6	125,6	184 200	226 900* b									38,0
40,0	64,2	124,7	172 100	214 400*									40,0
42,0	61,9	123,6	161 300	203 100*									42,0
44,0	59,4	122,4	151 500	192 900*									44,0
46,0	57,0	121,2	142 700	183 400*	64,5	123,4	125 600	171 800*					46,0
48,0	54,4	119,7	134 600	174 800*	62,2	122,3	118 200	163 600*					48,0
50,0	51,8	118,2	127 200	166 800*	59,8	121,2	111 600	156 100*					50,0
52,0	49,0	116,4	120 300	159 400*	57,3	119,9	105 400	149 100*					52,0
54,0	46,1	114,6	114 000	152 500*	54,7	118,5	99 800	142 700*					54,0
56,0	43,1	112,4	108 100	146 000*	52,1	116,9	94 500	136 700*					56,0
58,0	39,9	110,1	102 600	140 000*	49,4	115,2	89 600	131 000*	57,4	118,0	76 600	122 000*	58,0
60,0	36,4	107,4	97 500	134 400*	46,5	113,4	85 000	125 700*	54,9	116,6	72 500	117 100*	60,0
62,0	32,6	104,4	92 600	129 100*	43,5	111,3	80 700	120 700*	52,3	115,0	68 800	112 400*	62,0
64,0	28,4	100,9	88 100	124 000*	40,3	109,0	76 700	116 100*	49,5	113,3	65 200	108 100*	64,0
66,0	23,4	96,6	83 700	119 200*	36,9	106,4	72 900	111 700*	46,7	111,5	61 800	103 900*	66,0
68,0	17,0	90,8	79 300	114 600*	33,1	103,4	69 200	107 400*	43,7	109,4	58 600	100 000*	68,0
70,0	4,7	79,2	74 300	109 600*	29,0	99,9	65 800	103 400*	40,5	107,1	55 600	96 300*	70,0
72,0					24,1	95,7	62 400	99 600*	37,1	104,5	52 800	92 800*	72,0
74,0					18,0	90,2	59 100	95 900*	33,4	101,6	50 000	89 500*	74,0
76,0					7,8	80,7	55 400	92 000*	29,2	98,2	47 300	86 200*	76,0
80,0									18,4	88,6	42 100	80 000*	80,0

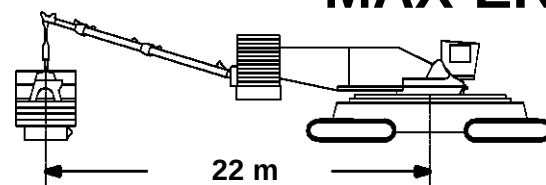
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

73,2 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,9	132,2	182 000	224 700*									38,1
40,0	67,0	131,4	170 600	212 900*									40,0
42,0	64,9	130,5	159 800	201 700*									42,0
44,0	62,8	129,5	150 000	191 400*									44,0
46,0	60,7	128,4	141 200	182 000*									46,0
48,0	58,4	127,1	133 100	173 400*									48,0
50,0	56,2	125,8	125 800	165 400*	63,1	128,2	109 800	154 600*					50,0
52,0	53,9	124,3	119 000	158 100*	60,9	127,1	103 600	147 600*					52,0
54,0	51,5	122,8	112 700	151 200*	58,7	125,8	98 000	141 200*					54,0
56,0	49,0	121,1	106 900	144 800*	56,5	124,5	92 800	135 200*					56,0
58,0	46,4	119,2	101 500	138 900*	54,2	123,1	88 000	129 600*					58,0
60,0	43,7	117,1	96 400	133 300*	51,8	121,5	83 400	124 300*	58,9	123,9	70 600	115 500*	60,0
62,0	40,9	114,8	91 700	128 100*	49,3	119,8	79 200	119 400*	56,6	122,6	66 900	110 900*	62,0
64,0	37,8	112,3	87 200	123 200*	46,8	118,0	75 300	114 800*	54,3	121,2	63 300	106 500*	64,0
66,0	34,6	109,5	83 000	118 500*	44,1	115,9	71 500	110 400*	51,9	119,6	60 100	102 400*	66,0
68,0	31,0	106,3	79 000	114 000*	41,3	113,7	68 000	106 300*	49,5	117,9	56 900	98 600*	68,0
70,0	27,0	102,5	75 200	109 800*	38,3	111,2	64 600	102 400*	46,9	116,1	54 000	94 900*	70,0
72,0	22,4	98,0	71 500	105 800*	35,0	108,4	61 500	98 700*	44,2	114,1	51 200	91 500*	72,0
74,0	16,4	92,0	67 900	101 900*	31,5	105,3	58 400	95 200*	41,4	111,8	48 500	88 200*	74,0
76,0	5,7	80,7	63 600	97 700*	27,6	101,6	55 500	91 800*	38,4	109,4	46 000	85 100*	76,0
80,0					17,3	91,4	49 800	85 300*	31,7	103,5	41 200	79 200*	80,0
84,0									23,3	95,5	36 700	73 700*	84,0
88,0									8,9	80,7	32 000	68 300*	88,0

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

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

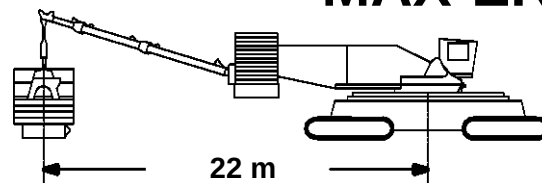
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements



Narrow or Wide Crawler Arrangement - 360 Degree Rating

73,2 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,5	138,2	170 500	208 800*									39,6
40,0	69,2	138,0	168 500	207 700*									40,0
42,0	67,3	137,2	157 600	200 200*									42,0
44,0	65,5	136,3	147 900	189 500*									44,0
46,0	63,6	135,3	139 100	180 100*									46,0
48,0	61,6	134,2	131 000	171 500*									48,0
50,0	59,6	133,1	123 700	163 600*									50,0
52,0	57,6	131,8	116 900	156 200*	63,8	134,0	101 100	145 500*					52,0
54,0	55,6	130,4	110 700	149 400*	61,9	132,9	95 500	139 100*					54,0
56,0	53,4	129,0	104 900	143 100*	59,9	131,8	90 400	133 100*					56,0
58,0	51,3	127,4	99 500	137 200*	57,9	130,5	85 600	127 600*					58,0
60,0	49,0	125,7	94 500	131 600*	55,8	129,2	81 100	122 400*					60,0
62,0	46,7	123,8	89 800	126 500*	53,7	127,7	76 900	117 500*					62,0
64,0	44,2	121,8	85 400	121 600*	51,5	126,1	73 000	112 900*	58,0	128,6	60 700	104 400*	64,0
66,0	41,7	119,5	81 300	117 000*	49,3	124,4	69 300	108 600*	56,0	127,3	57 400	100 400*	66,0
68,0	39,0	117,1	77 400	112 600*	47,0	122,6	65 800	104 500*	53,9	125,8	54 300	96 500*	68,0
70,0	36,1	114,4	73 700	108 500*	44,6	120,6	62 500	100 700*	51,7	124,2	51 400	92 900*	70,0
72,0	33,0	111,4	70 200	104 600*	42,0	118,4	59 400	97 000*	49,4	122,6	48 700	89 500*	72,0
74,0	29,7	108,0	66 800	100 800*	39,4	116,0	56 500	93 500*	47,1	120,7	46 100	86 300*	74,0
76,0	25,9	104,1	63 600	97 200*	36,5	113,3	53 700	90 200*	44,7	118,7	43 600	83 200*	76,0
80,0	15,9	93,1	57 400	90 400*	30,1	107,1	48 400	84 100*	39,5	114,2	39 000	77 400*	80,0
84,0					22,1	98,6	43 500	78 300*	33,7	108,6	34 800	72 200*	84,0
88,0					8,3	83,0	38 300	72 600*	26,7	101,5	30 900	67 300*	88,0
92,0									17,1	91,1	27 000	62 600*	92,0

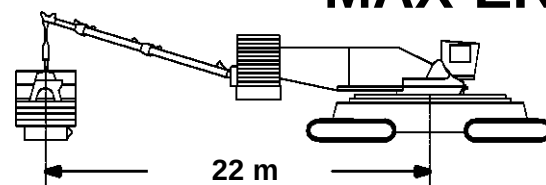
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

73,2 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	68,8	143,5	152 300	185 100*									42,7
44,0	67,6	143,0	146 000	185 100*									44,0
46,0	65,9	142,1	137 200	178 500*									46,0
48,0	64,2	141,1	129 100	169 800*									48,0
50,0	62,4	140,1	121 800	161 900*									50,0
52,0	60,6	139,0	115 000	154 600*									52,0
54,0	58,8	137,8	108 800	147 800*	64,4	139,8	93 400	137 300*					54,0
56,0	56,9	136,5	103 000	141 500*	62,7	138,8	88 200	131 400*					56,0
58,0	55,0	135,1	97 700	135 600*	60,9	137,7	83 400	125 800*					58,0
60,0	53,1	133,6	92 700	130 100*	59,0	136,5	79 000	120 600*					60,0
62,0	51,1	132,0	88 000	124 900*	57,2	135,2	74 800	115 800*					62,0
64,0	49,0	130,2	83 700	120 100*	55,3	133,8	70 900	111 200*					64,0
66,0	46,9	128,4	79 600	115 500*	53,3	132,3	67 200	107 000*	59,2	134,6	55 200	98 500*	66,0
68,0	44,6	126,4	75 700	111 200*	51,3	130,7	63 800	102 900*	57,3	133,3	52 100	94 700*	68,0
70,0	42,3	124,2	72 100	107 100*	49,3	129,0	60 600	99 100*	55,4	131,9	49 200	91 200*	70,0
72,0	39,9	121,9	68 600	103 200*	47,1	127,2	57 500	95 400*	53,5	130,4	46 500	87 800*	72,0
74,0	37,4	119,3	65 300	99 500*	44,9	125,2	54 600	92 000*	51,5	128,9	44 000	84 600*	74,0
76,0	34,6	116,4	62 200	96 000*	42,6	123,1	51 800	88 700*	49,4	127,2	41 600	81 500*	76,0
80,0	28,5	109,7	56 400	89 500*	37,7	118,2	46 700	82 600*	45,1	123,3	37 000	75 800*	80,0
84,0	20,8	100,7	51 000	83 400*	32,1	112,3	42 000	77 000*	40,4	118,9	32 900	70 600*	84,0
88,0	6,8	83,3	45 100	77 300*	25,4	104,8	37 600	71 900*	35,2	113,6	29 100	65 900*	88,0
92,0					16,3	93,8	33 300	67 000*	29,2	107,0	25 500	61 400*	92,0
96,0									21,6	98,3	22 100	57 300*	96,0
100,0									9,2	82,9	18 500	53 100*	100,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

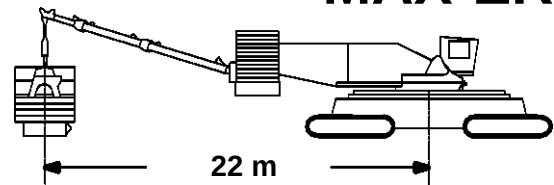
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



73,2 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	68,1	148,9	136 800	161 400*									45,7
46,0	67,9	148,8	135 600	161 400*									46,0
48,0	66,3	147,9	127 500	161 400*									48,0
50,0	64,7	146,9	120 100	159 400*									50,0
52,0	63,1	145,9	113 300	152 700*									52,0
54,0	61,5	144,8	107 000	146 000*									54,0
56,0	59,8	143,7	101 200	139 700*									56,0
58,0	58,1	142,4	95 900	133 800*	63,3	144,6	81 200	123 700*					58,0
60,0	56,3	141,1	90 900	128 300*	61,7	143,5	76 700	118 600*					60,0
62,0	54,6	139,7	86 200	123 200*	60,0	142,4	72 600	113 800*					62,0
64,0	52,8	138,2	81 800	118 300*	58,3	141,2	68 700	109 200*					64,0
66,0	50,9	136,6	77 800	113 800*	56,6	139,8	65 100	105 000*					66,0
68,0	49,0	134,9	73 900	109 500*	54,8	138,4	61 600	101 000*					68,0
70,0	47,0	133,0	70 300	105 400*	53,0	136,9	58 400	97 200*	58,4	139,2	46 700	89 000*	70,0
72,0	45,0	131,0	66 900	101 600*	51,2	135,3	55 400	93 600*	56,7	137,9	44 000	85 700*	72,0
74,0	42,9	128,9	63 600	97 900*	49,3	133,6	52 500	90 200*	54,9	136,5	41 500	82 500*	74,0
76,0	40,7	126,6	60 500	94 400*	47,3	131,8	49 700	86 900*	53,1	135,0	39 100	79 400*	76,0
80,0	35,9	121,4	54 800	88 000*	43,2	127,7	44 700	80 900*	49,4	131,8	34 600	73 800*	80,0
84,0	30,5	115,1	49 600	82 100*	38,7	123,0	40 100	75 400*	45,4	128,0	30 600	68 700*	84,0
88,0	24,1	107,1	44 700	76 600*	33,7	117,4	35 800	70 300*	41,1	123,6	26 900	64 000*	88,0
92,0	15,1	95,4	40 000	71 500*	27,9	110,5	31 800	65 700*	36,4	118,5	23 400	59 700*	92,0
96,0					20,7	101,3	28 100	61 300*	31,1	112,3	20 200	55 700*	96,0
100,0					8,7	85,2	24 100	56 900*	24,8	104,6	17 200	51 900*	100,0
104,0									16,2	93,4	14 200	48 300*	104,0

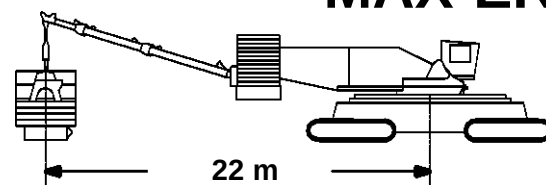
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

73,2 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	66,4	153,5	117 200	141 500*									50,3
52,0	65,2	152,7	111 500	141 500*									52,0
54,0	63,7	151,8	105 300	141 500*									54,0
56,0	62,2	150,7	99 500	138 100*									56,0
58,0	60,6	149,6	94 100	132 300*									58,0
60,0	59,0	148,4	89 100	126 800*	63,9	150,4	74 800	117 000*					60,0
62,0	57,5	147,1	84 500	121 700*	62,4	149,4	70 600	112 200*					62,0
64,0	55,8	145,8	80 100	116 900*	60,8	148,3	66 700	107 600*					64,0
66,0	54,2	144,3	76 000	112 300*	59,3	147,1	63 100	103 400*					66,0
68,0	52,5	142,8	72 200	108 100*	57,7	145,8	59 700	99 400*					68,0
70,0	50,8	141,2	68 600	104 000*	56,1	144,5	56 500	95 600*					70,0
72,0	49,0	139,4	65 200	100 200*	54,4	143,1	53 500	92 000*	59,4	145,2	41 900	84 000*	72,0
74,0	47,2	137,6	62 000	96 600*	52,7	141,6	50 600	88 600*	57,8	143,9	39 400	80 800*	74,0
76,0	45,3	135,6	58 900	93 100*	51,0	139,9	47 900	85 400*	56,2	142,6	37 000	77 800*	76,0
80,0	41,3	131,3	53 300	86 500*	47,4	136,4	42 900	79 400*	52,8	139,6	32 600	72 200*	80,0
84,0	37,0	126,3	48 200	78 800*	43,6	132,4	38 300	74 000*	49,3	136,3	28 600	67 100*	84,0
88,0	32,2	120,3	43 500	71 700*	39,5	127,8	34 200	69 000*	45,7	132,6	25 000	62 500*	88,0
92,0	26,6	113,0	39 000	65 200*	35,0	122,4	30 300	64 400*	41,7	128,3	21 600	58 300*	92,0
96,0	19,6	103,3	34 900	59 400*	29,9	115,9	26 800	60 200*	37,4	123,3	18 500	54 300*	96,0
100,0					23,8	107,8	23 400	56 200*	32,7	117,5	15 600	50 600*	100,0
104,0					15,5	96,2	20 000	52 400*	27,2	110,4	12 900	47 200*	104,0
108,0									20,3	101,0	10 200	43 900*	108,0
112,0									9,3	85,1	7 300	40 600*	112,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

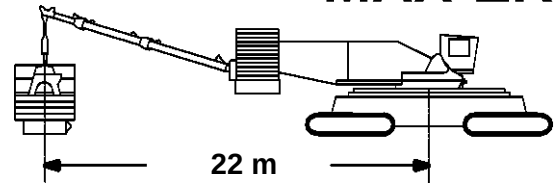
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



73,2 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	66,0	158,8	105 000	124 800*									53,3
54,0	65,6	158,5	103 000	124 800*									54,0
56,0	64,2	157,6	97 200	123 900*									56,0
58,0	62,8	156,5	91 800	119 900*									58,0
60,0	61,3	155,4	86 900	115 200*									60,0
62,0	59,9	154,3	82 300	110 500*									62,0
64,0	58,4	153,1	77 900	105 800*	62,9	155,2	64 200	105 600*					64,0
66,0	56,9	151,8	73 900	101 100*	61,5	154,1	60 600	101 400*					66,0
68,0	55,4	150,4	70 000	96 500*	60,1	153,0	57 200	97 300*					68,0
70,0	53,8	148,9	66 400	91 800*	58,6	151,8	54 000	93 600*					70,0
72,0	52,3	147,4	63 100	87 500*	57,1	150,5	51 000	90 000*					72,0
74,0	50,6	145,8	59 900	83 100*	55,6	149,1	48 200	86 700*					74,0
76,0	49,0	144,1	56 800	78 900*	54,1	147,7	45 500	83 500*	58,7	149,9	34 300	75 700*	76,0
80,0	45,5	140,3	51 200	71 000*	50,9	144,6	40 500	77 500*	55,7	147,2	30 000	70 100*	80,0
84,0	41,9	136,0	46 200	63 600*	47,5	141,0	36 000	72 100*	52,6	144,3	26 000	65 100*	84,0
88,0	37,9	131,1	41 500	56 800*	44,0	137,0	31 900	67 200*	49,3	140,9	22 400	60 500*	88,0
92,0	33,6	125,4	37 200	50 500*	40,2	132,5	28 200	61 100*	45,9	137,2	19 200	56 300*	92,0
96,0	28,6	118,6	33 300	44 800*	36,1	127,3	24 700	54 500*	42,2	133,0	16 100	52 400*	96,0
100,0	22,7	110,0	29 600	39 600*	31,5	121,2	21 400	48 500*	38,3	128,2	13 300	48 800*	100,0
104,0	14,5	97,7	25 900	35 100*	26,2	113,7	18 400	43 000*	34,0	122,6	10 600	45 500*	104,0
108,0					19,6	103,9	15 400	38 000*	29,1	115,9	8 200	42 300*	108,0
112,0					8,9	87,4	12 200	34 000*	23,3	107,5	5 800	39 300*	112,0
116,0									15,5	95,8	3 300	36 300*	116,0

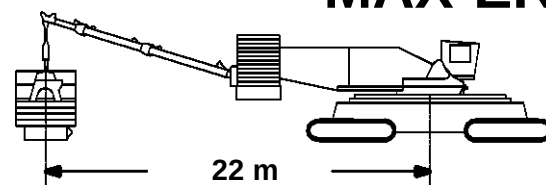
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

79,2 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5				c									30,5
32,0				c									32,0
34,0	62,7	113,7	213 700	258 000*b									34,0
36,0	59,0	112,6	198 600	242 500*b									36,0
38,0	55,2	111,2	185 200	228 700*b									38,0
40,0	51,2	109,6	173 200	216 200*b	64,1	112,6	153 000	202 600*b					40,0
42,0	47,0	107,8	162 400	204 800*	60,5	111,5	143 300	191 900*b					42,0
44,0	42,4	105,6	152 500	194 400*	56,7	110,2	134 700	182 200*b					44,0
46,0	37,3	103,1	143 500	184 800*	52,8	108,7	126 700	173 300*b					46,0
48,0	31,5	100,0	135 200	175 900*	48,7	106,9	119 400	165 100*b					48,0
50,0	24,5	96,0	127 300	167 600*	44,2	104,9	112 700	157 500*					50,0
52,0					39,4	102,6	106 400	150 400*	54,1	107,0	91 900	140 300*b	52,0
54,0					33,9	99,7	100 500	143 800*	50,0	105,4	86 900	134 200*b	54,0
56,0					27,5	96,1	95 000	137 500*	45,7	103,4	82 100	128 500*	56,0
58,0					19,0	91,1	89 500	131 400*	40,9	101,2	77 600	123 100*	58,0
60,0									35,7	98,5	73 400	118 100*	60,0
62,0									29,6	95,2	69 400	113 300*	62,0
64,0									22,0	90,8	65 400	108 600*	64,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

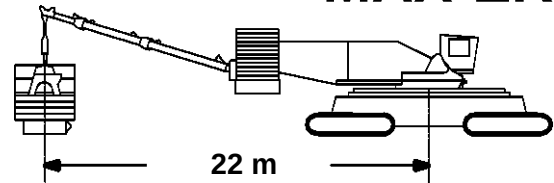
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



79,2 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0	66,9	120,6	212 000	256 100*b									34,0
36,0	63,9	119,6	196 900	240 700*b									36,0
38,0	60,8	118,5	183 600	227 000*b									38,0
40,0	57,6	117,2	171 700	214 600*b									40,0
42,0	54,3	115,8	161 000	203 300*									42,0
44,0	50,9	114,2	151 300	193 000*	62,0	117,3	132 500	180 300*b					44,0
46,0	47,3	112,4	142 500	183 600*	58,9	116,2	124 600	171 400*b					46,0
48,0	43,4	110,3	134 400	174 900*	55,6	114,8	117 400	163 300*b					48,0
50,0	39,2	107,9	126 900	166 900*	52,3	113,3	110 900	155 800*					50,0
52,0	34,6	105,1	120 000	159 400*	48,7	111,5	104 800	148 900*					52,0
54,0	29,3	101,7	113 500	152 400*	45,0	109,6	99 100	142 400*	56,7	113,1	84 400	132 300*b	54,0
56,0	22,9	97,4	107 300	145 700*	40,9	107,3	93 800	136 300*	53,3	111,6	79 900	126 600*	56,0
58,0					36,5	104,7	88 900	130 700*	49,8	109,9	75 600	121 400*	58,0
60,0					31,5	101,6	84 200	125 300*	46,2	108,1	71 600	116 400*	60,0
62,0					25,6	97,7	79 700	120 200*	42,2	105,9	67 800	111 800*	62,0
64,0					17,9	92,3	75 200	115 200*	37,9	103,4	64 100	107 400*	64,0
66,0									33,1	100,5	60 700	103 200*	66,0
68,0									27,6	96,8	57 400	99 200*	68,0
70,0									20,6	92,1	54 100	95 300*	70,0

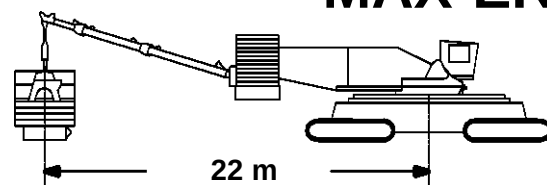
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

79,2 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,6	126,7	203 100	246 300* b									35,1
36,0	67,4	126,3	196 300	239 400* b									36,0
38,0	64,8	125,4	182 900	225 700* b									38,0
40,0	62,1	124,3	171 000	213 300* b									40,0
42,0	59,4	123,2	160 300	202 100*									42,0
44,0	56,6	121,9	150 600	191 900*									44,0
46,0	53,7	120,4	141 800	182 600*	63,2	123,2	123 300	170 000* b					46,0
48,0	50,7	118,8	133 800	173 900*	60,5	122,1	116 100	161 900* b					48,0
50,0	47,5	117,0	126 400	166 000*	57,7	120,8	109 600	154 500*					50,0
52,0	44,1	114,9	119 600	158 600*	54,8	119,4	103 600	147 600*					52,0
54,0	40,6	112,7	113 400	151 700*	51,9	117,9	98 000	141 200*					54,0
56,0	36,7	110,1	107 500	145 300*	48,8	116,1	92 900	135 200*					56,0
58,0	32,4	107,0	101 900	139 300*	45,5	114,2	88 100	129 700*	55,7	117,7	74 000	120 000*	58,0
60,0	27,6	103,4	96 700	133 600*	42,0	112,0	83 500	124 400*	52,8	116,2	70 100	115 100*	60,0
62,0	21,6	98,8	91 600	128 200*	38,3	109,6	79 300	119 500*	49,7	114,6	66 400	110 600*	62,0
64,0	13,2	91,9	86 600	122 900*	34,2	106,7	75 200	114 800*	46,5	112,7	62 900	106 200*	64,0
66,0					29,6	103,3	71 400	110 400*	43,1	110,6	59 700	102 200*	66,0
68,0					24,1	99,2	67 600	106 200*	39,5	108,2	56 500	98 300*	68,0
70,0					17,1	93,5	63 900	102 000*	35,5	105,5	53 500	94 700*	70,0
72,0									31,1	102,3	50 700	91 200*	72,0
74,0									26,0	98,4	47 900	87 700*	74,0
76,0									19,6	93,4	45 100	84 500*	76,0

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

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

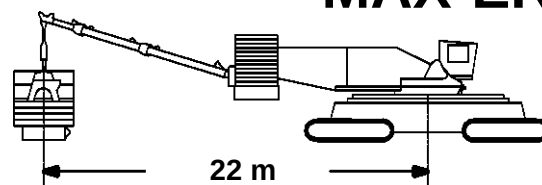
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



79,2 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,4	132,7	190 000	233 100* ^b									36,6
38,0	67,8	132,1	180 800	223 600* ^b									38,0
40,0	65,5	131,2	168 900	211 300* ^b									40,0
42,0	63,1	130,2	158 200	200 200*									42,0
44,0	60,7	129,1	148 600	190 000*									44,0
46,0	58,3	127,8	139 900	180 800*									46,0
48,0	55,8	126,5	131 900	172 200*	64,1	129,0	113 600	159 800*					48,0
50,0	53,2	125,0	124 600	164 300*	61,7	128,0	107 100	152 400*					50,0
52,0	50,5	123,4	117 900	157 000*	59,3	126,8	101 200	145 500*					52,0
54,0	47,7	121,6	111 700	150 200*	56,8	125,5	95 700	139 200*					54,0
56,0	44,7	119,6	105 900	143 900*	54,2	124,1	90 600	133 300*					56,0
58,0	41,6	117,4	100 500	138 000*	51,5	122,5	85 800	127 800*					58,0
60,0	38,3	114,9	95 400	132 400*	48,8	120,7	81 400	122 600*	57,6	123,8	67 400	112 900*	60,0
62,0	34,7	112,1	90 700	127 100*	45,9	118,8	77 300	117 800*	55,0	122,4	63 800	108 400*	62,0
64,0	30,7	108,8	86 200	122 200*	42,8	116,7	73 400	113 200*	52,4	120,8	60 400	104 200*	64,0
66,0	26,1	105,0	81 900	117 500*	39,6	114,3	69 700	108 900*	49,7	119,2	57 200	100 200*	66,0
68,0	20,6	100,1	77 700	113 000*	36,1	111,7	66 200	104 800*	46,8	117,3	54 200	96 400*	68,0
70,0	12,9	93,0	73 600	108 500*	32,3	108,6	62 800	100 900*	43,8	115,2	51 400	92 800*	70,0
72,0					28,0	105,0	59 600	97 200*	40,6	113,0	48 600	89 500*	72,0
74,0					23,0	100,6	56 500	93 600*	37,2	110,4	46 000	86 200*	74,0
76,0					16,4	94,7	53 400	90 100*	33,5	107,5	43 500	83 100*	76,0
80,0									24,6	99,9	38 700	77 200*	80,0

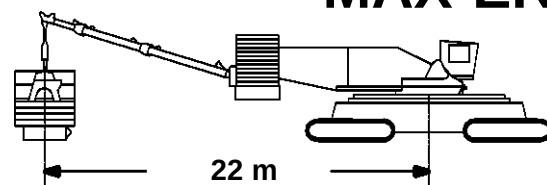
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

79,2 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	138,6	178 500	217 900*(b)									38,1
40,0	68,1	137,9	167 300	210 100*									40,0
42,0	66,0	137,0	156 600	198 700*									42,0
44,0	63,9	136,0	147 100	188 600*									44,0
46,0	61,8	135,0	138 300	179 300*									46,0
48,0	59,6	133,8	130 400	170 800*									48,0
50,0	57,4	132,5	123 200	162 900*									50,0
52,0	55,1	131,1	116 500	155 700*	62,6	133,8	99 300	144 000*					52,0
54,0	52,8	129,6	110 300	148 900*	60,5	132,7	93 900	137 700*					54,0
56,0	50,3	128,0	104 600	142 600*	58,3	131,5	88 800	131 800*					56,0
58,0	47,8	126,2	99 200	136 800*	56,0	130,1	84 100	126 300*					58,0
60,0	45,2	124,2	94 300	131 200*	53,7	128,7	79 800	121 200*					60,0
62,0	42,4	122,1	89 600	126 100*	51,3	127,1	75 600	116 400*					62,0
64,0	39,5	119,7	85 200	121 200*	48,8	125,3	71 800	111 900*	56,7	128,4	58 500	102 600*	64,0
66,0	36,3	117,0	81 100	116 600*	46,2	123,4	68 200	107 600*	54,4	127,0	55 300	98 700*	66,0
68,0	33,0	114,0	77 200	112 300*	43,5	121,4	64 800	103 600*	52,0	125,4	52 400	94 900*	68,0
70,0	29,2	110,6	73 500	108 100*	40,6	119,1	61 600	99 800*	49,6	123,8	49 600	91 400*	70,0
72,0	24,9	106,5	69 900	104 200*	37,6	116,5	58 500	96 100*	47,0	121,9	46 900	88 000*	72,0
74,0	19,8	101,4	66 400	100 400*	34,3	113,7	55 600	92 700*	44,4	119,9	44 400	84 900*	74,0
76,0	12,6	94,1	62 900	96 600*	30,7	110,4	52 800	89 400*	41,6	117,7	42 000	81 800*	76,0
80,0					22,0	102,0	47 400	83 100*	35,4	112,5	37 500	76 200*	80,0
84,0									28,0	105,7	33 300	70 900*	84,0
88,0									18,0	95,9	29 200	66 000*	88,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

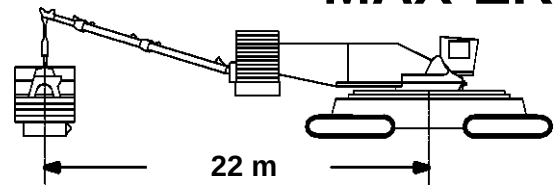
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



79,2 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	69,1	144,0	158 800	193 200*									41,1
42,0	68,3	143,7	154 400	193 200*									42,0
44,0	66,5	142,8	144 800	187 000*									44,0
46,0	64,6	141,8	136 100	177 300*									46,0
48,0	62,7	140,8	128 200	168 800*									48,0
50,0	60,7	139,7	121 000	161 000*									50,0
52,0	58,7	138,5	114 300	153 800*									52,0
54,0	56,7	137,2	108 200	147 100*	63,4	139,7	91 300	135 500*					54,0
56,0	54,6	135,8	102 500	140 800*	61,5	138,6	86 200	129 700*					56,0
58,0	52,4	134,2	97 200	135 000*	59,5	137,4	81 600	124 200*					58,0
60,0	50,2	132,6	92 300	129 500*	57,5	136,1	77 300	119 200*					60,0
62,0	47,9	130,8	87 700	124 400*	55,4	134,8	73 200	114 400*					62,0
64,0	45,5	128,9	83 300	119 600*	53,3	133,3	69 400	109 900*					64,0
66,0	43,0	126,7	79 300	115 000*	51,1	131,7	65 900	105 700*	58,1	134,4	52 600	96 500*	66,0
68,0	40,4	124,4	75 500	110 800*	48,8	129,9	62 500	101 700*	56,0	133,1	49 700	92 800*	68,0
70,0	37,7	121,9	71 800	106 700*	46,5	128,1	59 300	97 900*	53,9	131,6	46 900	89 300*	70,0
72,0	34,7	119,1	68 400	102 800*	44,0	126,0	56 300	94 400*	51,8	130,0	44 300	85 900*	72,0
74,0	31,5	115,9	65 100	99 100*	41,5	123,8	53 500	91 000*	49,5	128,4	41 900	82 800*	74,0
76,0	28,0	112,3	62 000	95 600*	38,8	121,3	50 800	87 800*	47,2	126,5	39 500	79 800*	76,0
80,0	19,1	102,7	55 900	89 000*	32,8	115,6	45 700	81 700*	42,3	122,4	35 200	74 300*	80,0
84,0					25,6	108,2	41 000	76 100*	36,8	117,4	31 200	69 200*	84,0
88,0					15,4	97,0	36 300	70 900*	30,5	111,2	27 500	64 500*	88,0
92,0									22,6	102,8	23 900	60 100*	92,0
96,0									9,6	88,1	20 100	55 700*	96,0

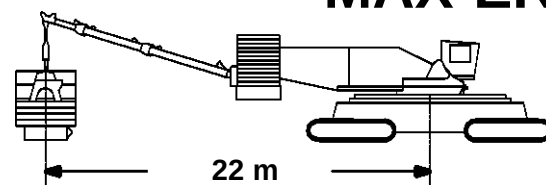
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

79,2 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	68,4	149,3	142 700	170 000*									44,2
46,0	66,8	148,6	134 800	170 000*									46,0
48,0	65,1	147,6	126 800	167 000*									48,0
50,0	63,4	146,6	119 500	159 400*									50,0
52,0	61,6	145,6	112 800	152 100*									52,0
54,0	59,8	144,4	106 700	145 400*									54,0
56,0	57,9	143,2	101 000	139 200*									56,0
58,0	56,0	141,8	95 700	133 400*	62,3	144,4	79 700	122 500*					58,0
60,0	54,1	140,4	90 700	128 000*	60,5	143,3	75 400	117 400*					60,0
62,0	52,1	138,8	86 100	122 800*	58,7	142,1	71 300	112 600*					62,0
64,0	50,1	137,2	81 800	118 000*	56,8	140,8	67 500	108 200*					64,0
66,0	48,0	135,4	77 800	113 500*	54,9	139,4	64 000	104 000*					66,0
68,0	45,8	133,5	74 000	109 300*	52,9	137,9	60 600	100 000*					68,0
70,0	43,6	131,4	70 300	105 300*	50,9	136,3	57 500	96 300*	57,4	139,1	44 800	87 400*	70,0
72,0	41,2	129,1	67 000	101 400*	48,8	134,6	54 500	92 700*	55,5	137,7	42 200	84 200*	72,0
74,0	38,7	126,7	63 700	97 800*	46,7	132,7	51 700	89 400*	53,5	136,2	39 800	81 000*	74,0
76,0	36,1	124,0	60 700	94 400*	44,5	130,7	49 000	86 200*	51,5	134,6	37 500	78 100*	76,0
80,0	30,2	117,7	54 900	87 900*	39,7	126,1	44 000	80 200*	47,4	131,1	33 200	72 600*	80,0
84,0	23,1	109,4	49 600	82 000*	34,4	120,7	39 500	74 800*	42,9	127,0	29 200	67 600*	84,0
88,0	12,2	96,2	44 400	76 300*	28,3	113,9	35 200	69 800*	38,0	122,2	25 600	63 000*	88,0
92,0					20,4	104,7	31 200	65 100*	32,4	116,4	22 300	58 700*	92,0
96,0					5,5	86,1	26 800	60 300*	25,8	108,9	19 100	54 800*	96,0
100,0									16,9	98,3	15 900	50 900*	100,0

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

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

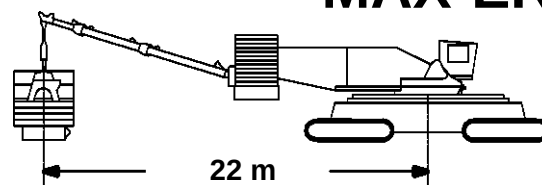
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements



Narrow or Wide Crawler Arrangement - 360 Degree Rating

79,2 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	67,7	154,7	127 500	150 700*									47,2
48,0	67,2	154,4	124 600	150 700*									48,0
50,0	65,6	153,4	117 300	150 700*									50,0
52,0	64,0	152,5	110 600	150 100*									52,0
54,0	62,3	151,4	104 400	143 500*									54,0
56,0	60,7	150,3	98 700	137 300*									56,0
58,0	59,0	149,1	93 400	131 500*	64,6	151,3	77 100	120 300*					58,0
60,0	57,3	147,8	88 600	126 100*	63,0	150,3	72 700	115 300*					60,0
62,0	55,5	146,5	84 000	121 000*	61,3	149,2	68 700	110 600*					62,0
64,0	53,7	145,0	79 700	116 300*	59,7	148,0	65 000	106 200*					64,0
66,0	51,9	143,4	75 600	111 800*	57,9	146,8	61 500	102 000*					66,0
68,0	50,0	141,8	71 900	107 500*	56,2	145,4	58 200	98 000*					68,0
70,0	48,1	140,0	68 300	103 500*	54,4	144,0	55 000	94 300*					70,0
72,0	46,1	138,1	65 000	99 700*	52,6	142,5	52 100	90 800*	58,5	145,0	39 400	82 000*	72,0
74,0	44,0	136,0	61 800	96 200*	50,8	140,9	49 300	87 500*	56,8	143,7	37 000	78 900*	74,0
76,0	41,9	133,8	58 800	92 700*	48,8	139,1	46 700	84 300*	55,0	142,3	34 700	76 000*	76,0
80,0	37,2	128,9	53 100	86 400*	44,8	135,3	41 800	78 400*	51,3	139,2	30 500	70 500*	80,0
84,0	32,1	122,9	48 000	80 600*	40,5	130,9	37 300	73 100*	47,5	135,7	26 700	65 600*	84,0
88,0	25,9	115,5	43 200	75 200*	35,7	125,6	33 200	68 100*	43,4	131,7	23 200	61 100*	88,0
92,0	17,9	105,2	38 700	70 200*	30,3	119,3	29 400	63 600*	38,9	127,0	20 000	56 900*	92,0
96,0					23,8	111,2	25 800	59 300*	34,0	121,4	17 000	53 000*	96,0
100,0					14,7	99,2	22 300	55 200*	28,2	114,6	14 100	49 400*	100,0
104,0									21,1	105,6	11 300	46 000*	104,0
108,0									9,7	90,3	8 400	42 500*	108,0

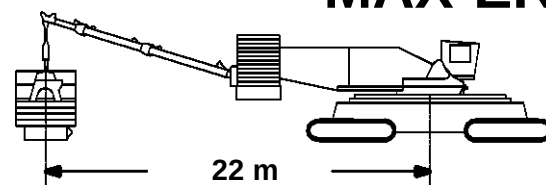
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

79,2 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	66,1	159,3	109 300	132 600*									51,8
52,0	66,0	159,2	108 700	132 600*									52,0
54,0	64,5	158,3	102 600	132 600*									54,0
56,0	63,0	157,3	96 900	132 600*									56,0
58,0	61,4	156,2	91 600	130 000*									58,0
60,0	59,9	155,0	86 700	124 600*									60,0
62,0	58,3	153,8	82 200	119 500*	63,6	156,1	66 700	108 900*					62,0
64,0	56,7	152,5	77 900	114 800*	62,0	155,1	63 000	104 500*					64,0
66,0	55,1	151,1	73 900	110 300*	60,5	153,9	59 400	100 300*					66,0
68,0	53,4	149,6	70 100	106 100*	58,9	152,7	56 200	96 400*					68,0
70,0	51,7	148,1	66 600	102 100*	57,3	151,4	53 100	92 700*					70,0
72,0	49,9	146,4	63 300	98 300*	55,7	150,1	50 100	89 200*					72,0
74,0	48,1	144,6	60 100	94 800*	54,1	148,6	47 400	85 900*					74,0
76,0	46,3	142,7	57 100	91 400*	52,4	147,1	44 800	82 800*	57,8	149,7	32 600	74 300*	76,0
80,0	42,4	138,5	51 600	85 100*	48,9	143,8	39 900	76 900*	54,6	146,9	28 400	68 900*	80,0
84,0	38,2	133,7	46 500	79 300*	45,1	139,9	35 500	71 600*	51,2	143,9	24 700	64 000*	84,0
88,0	33,5	128,0	41 900	73 500*	41,2	135,6	31 500	66 800*	47,6	140,3	21 200	59 500*	88,0
92,0	28,2	121,1	37 600	66 900*	36,8	130,5	27 800	62 300*	43,8	136,3	18 100	55 400*	92,0
96,0	21,6	112,2	33 600	60 900*	32,0	124,5	24 400	58 100*	39,7	131,8	15 200	51 600*	96,0
100,0	11,9	98,4	29 500	56 000*	26,4	117,1	21 100	54 300*	35,2	126,4	12 400	48 000*	100,0
104,0					19,2	107,3	18 000	50 600*	30,2	120,0	9 800	44 700*	104,0
108,0					6,5	88,7	14 500	46 800*	24,1	112,0	7 300	41 600*	108,0
112,0									16,1	100,6	4 900	38 500*	112,0

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

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

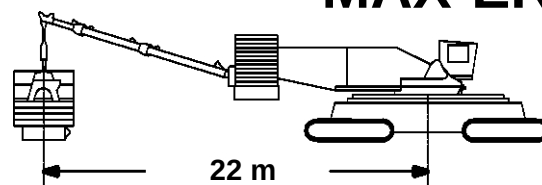
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements



Narrow or Wide Crawler Arrangement - 360 Degree Rating

79,2 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,9	65,7	164,6	97 700	116 500*									54,9
56,0	64,9	164,1	94 600	116 500*									56,0
58,0	63,5	163,1	89 300	116 500*									58,0
60,0	62,1	162,0	84 400	115 500*									60,0
62,0	60,6	160,9	79 900	111 500*									62,0
64,0	59,2	159,7	75 600	107 000*	64,1	161,9	60 300	102 400*					64,0
66,0	57,7	158,5	71 700	102 600*	62,6	160,9	56 900	98 200*					66,0
68,0	56,2	157,1	67 900	98 100*	61,2	159,8	53 600	94 300*					68,0
70,0	54,7	155,7	64 400	93 600*	59,8	158,6	50 500	90 700*					70,0
72,0	53,1	154,2	61 100	89 300*	58,3	157,4	47 600	87 200*					72,0
74,0	51,5	152,6	57 900	85 000*	56,8	156,1	44 900	83 900*					74,0
76,0	49,9	151,0	54 900	80 900*	55,3	154,7	42 300	80 800*					76,0
80,0	46,5	147,3	49 400	72 900*	52,1	151,7	37 500	75 000*	57,3	154,4	25 700	66 700*	80,0
84,0	42,9	143,2	44 500	65 400*	48,9	148,4	33 100	69 700*	54,2	151,6	22 000	61 900*	84,0
88,0	39,0	138,5	39 900	58 500*	45,4	144,6	29 200	64 900*	51,0	148,4	18 600	57 400*	88,0
92,0	34,8	133,0	35 700	52 200*	41,7	140,2	25 600	60 500*	47,7	144,9	15 500	53 400*	92,0
96,0	30,0	126,5	31 800	46 300*	37,8	135,3	22 200	56 400*	44,2	141,0	12 700	49 600*	96,0
100,0	24,4	118,5	28 200	41 000*	33,4	129,6	19 100	50 800*	40,4	136,5	10 000	46 200*	100,0
104,0	17,1	107,6	24 700	36 200*	28,4	122,8	16 200	45 100*	36,3	131,3	7 500	42 900*	104,0
108,0					22,4	114,1	13 300	39 900*	31,7	125,2	5 200	39 900*	108,0
112,0					14,1	101,5	10 500	35 500*	26,5	117,9	2 900	37 000*	112,0
116,0									20,0	108,3		34 200*	116,0
120,0									9,7	92,5		31 400*	120,0

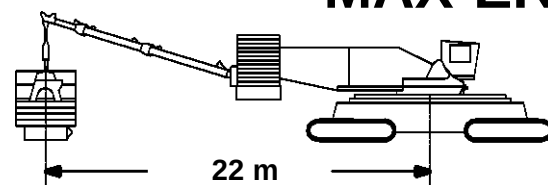
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

85,3 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0				c									34,0
36,0	61,0	119,2	195 600	239 600*b									36,0
38,0	57,2	117,9	182 300	225 900*b									38,0
40,0	53,4	116,5	170 500	213 500*b									40,0
42,0	49,2	114,8	159 800	202 300*				c					42,0
44,0	44,9	112,8	150 100	192 000*	59,7	117,1	130 300	178 600*b					44,0
46,0	40,1	110,5	141 200	182 600*	55,9	115,8	122 600	169 800*b					46,0
48,0	34,7	107,7	133 000	173 800*	52,0	114,2	115 500	161 800*b					48,0
50,0	28,4	104,2	125 400	165 700*	47,8	112,4	109 000	154 300*					50,0
52,0	20,3	99,5	118 100	158 000*	43,2	110,3	102 900	147 400*	58,1	114,2	86 800	136 200*b	52,0
54,0					38,3	107,9	97 200	140 900*	54,2	112,8	81 900	130 300*b	54,0
56,0					32,7	104,9	91 900	134 800*	50,2	111,2	77 400	124 800*b	56,0
58,0					25,9	101,1	86 800	129 000*	45,8	109,3	73 200	119 600*	58,0
60,0					16,6	95,5	81 600	123 400*	41,2	107,0	69 200	114 700*	60,0
62,0									35,9	104,4	65 400	110 000*	62,0
64,0									29,9	101,1	61 700	105 600*	64,0
66,0									22,4	96,7	58 100	101 300*	66,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

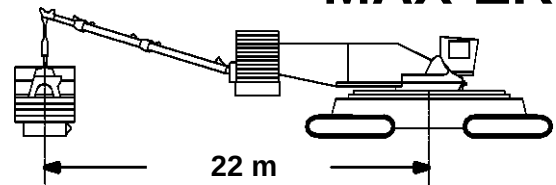
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



85,3 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5				c									33,5
34,0				c									34,0
36,0	65,5	126,1	193 700	237 700*b									36,0
38,0	62,4	125,1	180 500	224 100*b									38,0
40,0	59,3	123,9	168 800	211 800*b									40,0
42,0	56,1	122,6	158 200	200 700*									42,0
44,0	52,7	121,1	148 700	190 500*									44,0
46,0	49,2	119,4	140 000	181 300*	61,4	123,0	120 300	167 800*b					46,0
48,0	45,5	117,4	132 100	172 700*	58,2	121,8	113 300	159 900*b					48,0
50,0	41,5	115,2	124 700	164 700*	54,9	120,4	106 900	152 500*					50,0
52,0	37,1	112,7	117 900	157 300*	51,5	118,8	101 000	145 700*					52,0
54,0	32,2	109,6	111 500	150 400*	47,9	117,0	95 500	139 400*					54,0
56,0	26,5	105,8	105 500	143 900*	44,1	115,0	90 400	133 400*	56,8	118,9	74 900	122 700*b	56,0
58,0	19,1	100,8	99 700	137 700*	40,0	112,7	85 700	127 900*	53,5	117,4	70 900	117 600*	58,0
60,0					35,5	110,0	81 100	122 700*	50,0	115,8	67 000	112 800*	60,0
62,0					30,3	106,7	76 800	117 700*	46,3	113,9	63 400	108 300*	62,0
64,0					24,2	102,6	72 700	113 000*	42,4	111,7	60 000	104 100*	64,0
66,0					15,8	96,7	68 400	108 300*	38,1	109,2	56 800	100 000*	66,0
68,0									33,3	106,3	53 700	96 200*	68,0
70,0									27,8	102,8	50 600	92 500*	70,0
72,0									21,0	98,1	47 600	88 900*	72,0

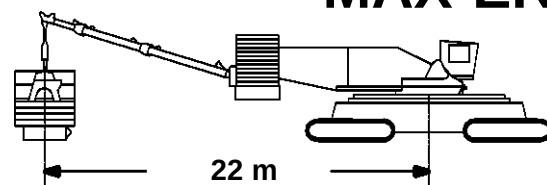
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

85,3 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	69,9	133,2	199 600	243 100* b									35,1
36,0	68,7	132,8	192 900	236 300* b									36,0
38,0	66,2	131,9	179 700	222 700* b									38,0
40,0	63,5	130,9	168 000	210 500* b									40,0
42,0	60,8	129,8	157 400	199 400*									42,0
44,0	58,1	128,6	147 900	189 400*									44,0
46,0	55,2	127,2	139 300	180 100*									46,0
48,0	52,3	125,7	131 400	171 600*	62,6	128,9	111 900	158 400* b					48,0
50,0	49,2	124,0	124 100	163 800*	59,9	127,7	105 500	151 100*					50,0
52,0	45,9	122,1	117 400	156 500*	57,1	126,4	99 700	144 400*					52,0
54,0	42,5	119,9	111 200	149 700*	54,2	125,0	94 300	138 100*					54,0
56,0	38,8	117,5	105 400	143 400*	51,2	123,4	89 300	132 300*					56,0
58,0	34,8	114,7	100 000	137 500*	48,1	121,6	84 600	126 800*	58,7	124,9	69 100	116 100*	58,0
60,0	30,2	111,4	94 900	131 800*	44,8	119,7	80 300	121 600*	55,9	123,5	65 400	111 400*	60,0
62,0	24,9	107,4	90 000	126 500*	41,2	117,4	76 100	116 800*	52,9	122,0	61 900	106 900*	62,0
64,0	18,2	102,0	85 200	121 400*	37,4	114,9	72 200	112 300*	49,9	120,4	58 600	102 800*	64,0
66,0					33,3	111,9	68 500	108 000*	46,7	118,5	55 500	98 800*	66,0
68,0					28,5	108,4	65 000	103 900*	43,3	116,4	52 500	95 100*	68,0
70,0					22,8	104,0	61 500	99 900*	39,6	114,1	49 700	91 500*	70,0
72,0					15,1	97,8	58 000	96 000*	35,7	111,3	47 000	88 100*	72,0
74,0									31,3	108,2	44 400	84 900*	74,0
76,0									26,2	104,3	41 800	81 800*	76,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

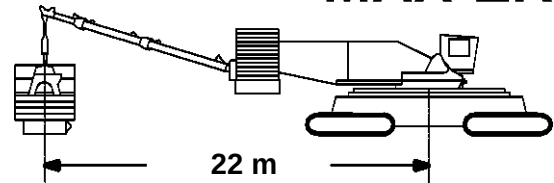
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



85,3 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,8	138,5	176 900	219 900* ^b									38,1
40,0	66,7	137,7	165 800	208 500* ^b									40,0
42,0	64,4	136,8	155 300	197 500*									42,0
44,0	62,0	135,7	145 800	187 400*									44,0
46,0	59,6	134,5	137 200	178 200*									46,0
48,0	57,1	133,2	129 300	169 800*									48,0
50,0	54,6	131,8	122 100	162 000*	63,6	134,7	102 900	148 900*					50,0
52,0	51,9	130,3	115 500	154 800*	61,2	133,6	97 100	142 200*					52,0
54,0	49,2	128,6	109 400	148 100*	58,7	132,4	91 800	136 000*					54,0
56,0	46,3	126,7	103 700	141 800*	56,2	131,1	86 900	130 200*					56,0
58,0	43,3	124,6	98 400	136 000*	53,6	129,6	82 300	124 800*					58,0
60,0	40,1	122,2	93 500	130 500*	51,0	128,0	78 000	119 800*					60,0
62,0	36,6	119,6	88 800	125 400*	48,2	126,2	74 000	115 000*	57,7	129,5	59 100	104 700*	62,0
64,0	32,8	116,6	84 400	120 400*	45,3	124,3	70 200	110 600*	55,1	128,1	55 900	100 600*	64,0
66,0	28,6	113,1	80 200	115 800*	42,2	122,1	66 600	106 300*	52,5	126,6	52 900	96 700*	66,0
68,0	23,7	108,8	76 200	111 400*	38,9	119,7	63 300	102 300*	49,8	124,9	50 000	93 000*	68,0
70,0	17,4	103,2	72 200	107 100*	35,3	116,9	60 000	98 500*	46,9	123,1	47 300	89 600*	70,0
72,0					31,4	113,8	56 900	94 900*	43,9	121,1	44 700	86 300*	72,0
74,0					27,0	110,1	54 000	91 400*	40,8	118,8	42 300	83 200*	74,0
76,0					21,7	105,4	51 100	88 000*	37,4	116,2	39 900	80 200*	76,0
80,0									29,6	109,9	35 400	74 500*	80,0
84,0									19,0	100,6	31 100	69 200*	84,0

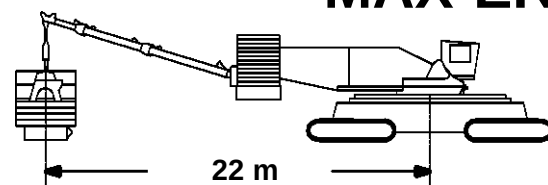
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

85,3 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	69,5	144,5	166 200	200 100*(b)									39,6
40,0	69,1	144,3	164 200	200 100*(b)									40,0
42,0	67,1	143,5	153 600	195 800*									42,0
44,0	65,0	142,6	144 200	185 900*									44,0
46,0	62,9	141,5	135 600	176 800*									46,0
48,0	60,8	140,4	127 800	168 400*									48,0
50,0	58,6	139,2	120 600	160 600*									50,0
52,0	56,3	137,9	114 000	153 400*	64,3	140,5	95 200	140 600*					52,0
54,0	54,0	136,4	108 000	146 800*	62,2	139,5	89 900	134 400*					54,0
56,0	51,6	134,9	102 300	140 500*	60,0	138,3	85 000	128 700*					56,0
58,0	49,1	133,2	97 100	134 700*	57,8	137,1	80 500	123 300*					58,0
60,0	46,6	131,3	92 200	129 300*	55,5	135,7	76 200	118 300*					60,0
62,0	43,9	129,2	87 600	124 300*	53,2	134,2	72 300	113 600*					62,0
64,0	41,0	127,0	83 300	119 400*	50,8	132,6	68 500	109 100*	59,0	135,5	53 800	98 900*	64,0
66,0	38,0	124,5	79 300	114 900*	48,3	130,9	65 100	105 000*	56,8	134,2	50 800	95 100*	66,0
68,0	34,8	121,7	75 400	110 600*	45,7	128,9	61 700	101 000*	54,5	132,8	48 000	91 500*	68,0
70,0	31,2	118,5	71 800	106 500*	42,9	126,8	58 600	97 300*	52,2	131,2	45 400	88 100*	70,0
72,0	27,3	114,8	68 300	102 700*	40,0	124,5	55 700	93 700*	49,7	129,6	42 900	84 800*	72,0
74,0	22,7	110,3	64 900	98 900*	36,9	121,8	52 800	90 400*	47,1	127,7	40 500	81 700*	74,0
76,0	16,8	104,4	61 600	95 200*	33,6	118,9	50 100	87 200*	44,5	125,7	38 200	78 800*	76,0
80,0					25,8	111,6	45 000	81 100*	38,7	121,1	34 000	73 300*	80,0
84,0					14,2	100,0	39 900	75 300*	32,1	115,2	30 000	68 300*	84,0
88,0									23,7	107,3	26 300	63 500*	88,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

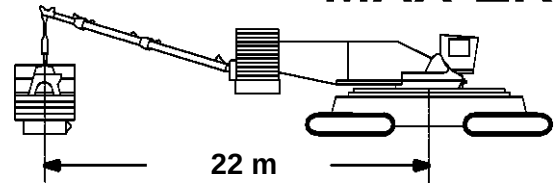
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



85,3 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	68,7	149,8	148 700	177 000*									42,7
44,0	67,5	149,3	142 600	177 000*									44,0
46,0	65,6	148,4	133 900	175 200*									46,0
48,0	63,7	147,4	126 100	166 400*									48,0
50,0	61,7	146,3	118 900	158 600*									50,0
52,0	59,8	145,1	112 300	151 500*									52,0
54,0	57,7	143,9	106 200	144 900*									54,0
56,0	55,7	142,5	100 600	138 700*	63,0	145,3	82 700	126 500*					56,0
58,0	53,6	141,1	95 300	132 900*	61,1	144,2	78 100	121 100*					58,0
60,0	51,4	139,5	90 500	127 600*	59,1	143,0	73 900	116 200*					60,0
62,0	49,1	137,8	85 900	122 500*	57,0	141,7	70 000	111 500*					62,0
64,0	46,8	135,9	81 600	117 700*	55,0	140,4	66 300	107 100*					64,0
66,0	44,4	133,9	77 600	113 300*	52,8	138,8	62 800	103 000*					66,0
68,0	41,8	131,7	73 900	109 000*	50,6	137,2	59 500	99 100*	58,2	140,2	45 400	89 300*	68,0
70,0	39,1	129,3	70 300	105 000*	48,3	135,4	56 400	95 400*	56,1	138,8	42 800	85 900*	70,0
72,0	36,3	126,6	66 900	101 200*	46,0	133,5	53 500	91 900*	54,0	137,4	40 300	82 600*	72,0
74,0	33,2	123,6	63 600	97 600*	43,5	131,5	50 800	88 600*	51,9	135,8	37 900	79 600*	74,0
76,0	29,9	120,2	60 500	94 100*	40,9	129,2	48 200	85 400*	49,6	134,1	35 700	76 700*	76,0
80,0	21,8	111,7	54 700	87 400*	35,3	123,9	43 200	79 500*	44,9	130,3	31 600	71 300*	80,0
84,0					28,6	117,3	38 700	74 100*	39,7	125,8	27 800	66 400*	84,0
88,0					20,1	108,1	34 300	69 000*	33,9	120,3	24 300	61 900*	88,0
92,0									27,0	113,3	20 900	57 700*	92,0
96,0									17,7	103,1	17 700	53 600*	96,0

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

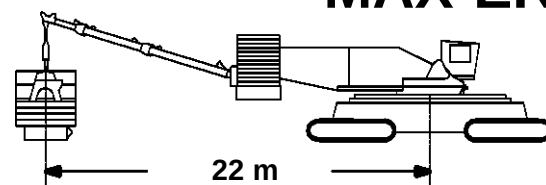
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position

Meets
ANSI B30.5
Requirements

Narrow or Wide Crawler Arrangement - 360 Degree Rating



**21000
MAX-ER**

85,3 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	68,0	155,1	133 000	157 700*									45,7
46,0	67,7	155,0	131 900	157 700*									46,0
48,0	66,0	154,1	124 000	157 700*									48,0
50,0	64,3	153,2	116 900	156 200*									50,0
52,0	62,5	152,1	110 300	149 800*									52,0
54,0	60,7	151,0	104 200	143 200*									54,0
56,0	58,9	149,8	98 600	137 000*									56,0
58,0	57,0	148,6	93 400	131 300*	63,7	151,2	75 900	119 300*					58,0
60,0	55,1	147,2	88 500	125 900*	61,9	150,1	71 700	114 300*					60,0
62,0	53,2	145,7	84 000	120 900*	60,1	148,9	67 800	109 700*					62,0
64,0	51,2	144,1	79 800	116 200*	58,3	147,7	64 100	105 300*					64,0
66,0	49,1	142,4	75 800	111 700*	56,4	146,4	60 600	101 200*					66,0
68,0	47,0	140,5	72 000	107 500*	54,5	145,0	57 400	97 400*					68,0
70,0	44,8	138,5	68 500	103 500*	52,5	143,4	54 400	93 700*					70,0
72,0	42,5	136,4	65 200	99 800*	50,5	141,8	51 500	90 200*	57,5	144,8	37 900	80 800*	72,0
74,0	40,1	134,0	62 000	96 200*	48,4	140,1	48 700	86 900*	55,6	143,5	35 600	77 800*	74,0
76,0	37,5	131,4	59 000	92 800*	46,2	138,2	46 100	83 800*	53,6	142,0	33 500	74 900*	76,0
80,0	31,9	125,5	53 400	86 400*	41,6	133,9	41 300	78 000*	49,6	138,8	29 400	69 600*	80,0
84,0	25,2	117,9	48 200	80 500*	36,6	128,8	37 000	72 700*	45,3	135,0	25 600	64 700*	84,0
88,0	15,9	106,7	43 200	74 600*	30,8	122,7	32 900	67 800*	40,6	130,6	22 300	60 300*	88,0
92,0					23,8	114,6	29 000	63 200*	35,4	125,3	19 100	56 200*	92,0
96,0					13,6	102,2	25 200	58 800*	29,4	118,8	16 200	52 300*	96,0
100,0									22,0	110,2	13 200	48 700*	100,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

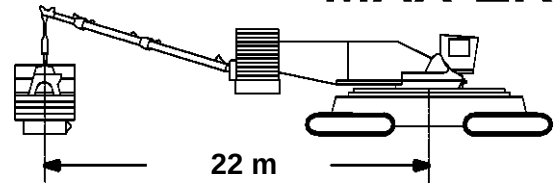
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



85,3 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	66,2	159,8	113 500	139 100*									50,3
52,0	64,8	159,0	108 000	139 100*									52,0
54,0	63,2	158,0	101 900	138 700*									54,0
56,0	61,5	156,9	96 300	135 300*									56,0
58,0	59,9	155,8	91 100	129 400*									58,0
60,0	58,2	154,5	86 300	124 000*	64,3	157,0	69 000	112 200*					60,0
62,0	56,4	153,2	81 800	119 000*	62,6	155,9	65 100	107 600*					62,0
64,0	54,7	151,8	77 600	114 300*	61,0	154,8	61 500	103 200*					64,0
66,0	52,9	150,3	73 600	109 900*	59,3	153,6	58 000	99 200*					66,0
68,0	51,0	148,7	69 900	105 700*	57,6	152,4	54 900	95 300*					68,0
70,0	49,1	147,0	66 400	101 800*	55,8	151,0	51 800	91 700*					70,0
72,0	47,1	145,1	63 100	98 100*	54,1	149,6	49 000	88 200*					72,0
74,0	45,1	143,1	60 000	94 500*	52,2	148,1	46 300	85 000*	58,6	150,8	32 800	75 600*	74,0
76,0	43,0	141,0	57 000	91 100*	50,4	146,4	43 700	81 900*	56,8	149,5	30 600	72 700*	76,0
80,0	38,5	136,3	51 500	84 900*	46,4	142,8	39 000	76 100*	53,3	146,6	26 700	67 400*	80,0
84,0	33,5	130,6	46 500	79 100*	42,3	138,6	34 700	70 900*	49,5	143,4	23 000	62 700*	84,0
88,0	27,7	123,6	41 800	73 600*	37,7	133,7	30 800	66 100*	45,6	139,6	19 700	58 300*	88,0
92,0	20,4	114,3	37 400	68 200*	32,6	127,8	27 100	61 600*	41,3	135,3	16 700	54 200*	92,0
96,0	7,8	97,5	32 900	64 100*	26,6	120,6	23 700	57 500*	36,6	130,2	13 800	50 500*	96,0
100,0					18,8	110,6	20 300	53 500*	31,4	124,1	11 200	47 000*	100,0
104,0									25,1	116,4	8 600	43 700*	104,0
108,0									16,7	105,5	6 000	40 500*	108,0

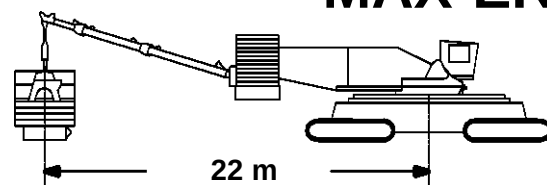
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

85,3 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	65,7	165,1	102 000	124 000*									53,3
54,0	65,3	164,8	100 100	124 000*									54,0
56,0	63,8	163,8	94 400	124 000*									56,0
58,0	62,2	162,8	89 300	123 900*									58,0
60,0	60,7	161,6	84 400	121 300*									60,0
62,0	59,1	160,5	79 900	117 600*									62,0
64,0	57,6	159,2	75 800	112 800*	63,2	161,8	59 300	101 500*					64,0
66,0	55,9	157,9	71 800	108 400*	61,7	160,7	56 000	97 500*					66,0
68,0	54,3	156,4	68 100	104 200*	60,2	159,6	52 800	93 600*					68,0
70,0	52,6	154,9	64 600	100 300*	58,6	158,4	49 800	90 000*					70,0
72,0	50,9	153,3	61 400	96 600*	57,0	157,1	47 000	86 600*					72,0
74,0	49,1	151,6	58 300	93 100*	55,4	155,7	44 300	83 400*					74,0
76,0	47,3	149,7	55 300	89 700*	53,7	154,2	41 800	80 300*					76,0
80,0	43,5	145,7	49 900	83 500*	50,3	151,0	37 100	74 600*	56,3	154,1	24 500	65 800*	80,0
84,0	39,3	141,0	44 900	77 900*	46,6	147,4	32 800	69 400*	53,0	151,2	20 900	61 000*	84,0
88,0	34,8	135,6	40 400	72 700*	42,8	143,2	29 000	64 600*	49,5	147,9	17 700	56 700*	88,0
92,0	29,7	129,1	36 200	67 700*	38,6	138,5	25 400	60 300*	45,8	144,2	14 700	52 700*	92,0
96,0	23,5	120,9	32 300	62 400*	34,0	132,9	22 100	56 200*	41,9	139,9	11 900	49 000*	96,0
100,0	15,1	109,0	28 400	57 200*	28,7	126,1	19 000	52 400*	37,6	135,0	9 300	45 600*	100,0
104,0					22,3	117,5	16 000	48 900*	32,9	129,2	6 900	42 400*	104,0
108,0					13,1	104,4	13 000	45 400*	27,4	122,2	4 600	39 400*	108,0
112,0									20,7	112,9	2 300	36 500*	112,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

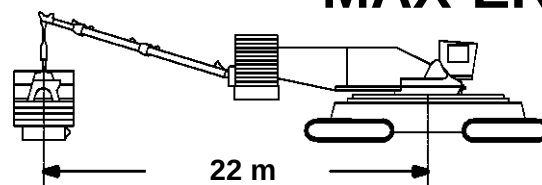
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



85,3 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	65,4	170,4	91 000	109 300*									56,4
58,0	64,2	169,6	86 900	109 300*									58,0
60,0	62,8	168,6	82 100	109 300*									60,0
62,0	61,4	167,5	77 600	109 300*									62,0
64,0	60,0	166,4	73 400	107 600*									64,0
66,0	58,5	165,1	69 500	103 400*	63,8	167,6	53 300	95 300*					66,0
68,0	57,0	163,9	65 800	99 300*	62,3	166,6	50 100	91 500*					68,0
70,0	55,5	162,5	62 400	95 100*	60,9	165,4	47 200	87 900*					70,0
72,0	53,9	161,0	59 100	90 800*	59,5	164,3	44 300	84 600*					72,0
74,0	52,4	159,5	56 000	86 700*	58,0	163,0	41 700	81 300*					74,0
76,0	50,7	157,9	53 100	82 600*	56,5	161,7	39 200	78 300*					76,0
80,0	47,4	154,3	47 700	74 700*	53,4	158,8	34 600	72 600*	58,8	161,4	21 700	63 600*	80,0
84,0	43,8	150,3	42 800	67 300*	50,2	155,6	30 400	67 400*	55,8	158,8	18 200	58 900*	84,0
88,0	40,1	145,8	38 400	60 300*	46,8	152,0	26 600	62 800*	52,7	155,9	15 000	54 600*	88,0
92,0	35,9	140,5	34 300	53 800*	43,2	147,9	23 100	58 400*	49,5	152,6	12 000	50 600*	92,0
96,0	31,3	134,4	30 400	47 800*	39,4	143,2	19 900	54 400*	46,0	148,8	9 300	47 000*	96,0
100,0	26,0	126,9	26 900	42 400*	35,2	137,9	16 800	50 700*	42,4	144,6	6 800	43 600*	100,0
104,0	19,3	116,9	23 400	37 500*	30,5	131,5	14 000	47 200*	38,5	139,8	4 500	40 500*	104,0
108,0	8,2	99,8	19 800	33 600*	24,9	123,7	11 300	41 900*	34,2	134,3	2 300	37 600*	108,0
112,0					17,9	113,1	8 700	37 200*	29,3	127,6		34 800*	112,0
116,0									23,6	119,4		32 200*	116,0
120,0									15,9	107,8		29 600*	120,0

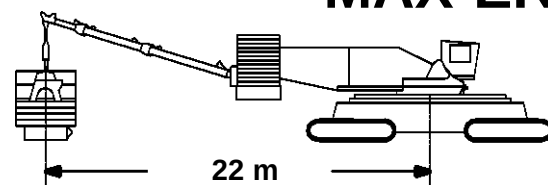
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

91,4 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0				c									32,0
34,0				c									34,0
36,0				c									36,0
38,0	59,2	124,6	179 300	222 600*b									38,0
40,0	55,4	123,3	167 600	210 300*b									40,0
42,0	51,5	121,7	157 000	199 300*b									42,0
44,0	47,2	119,9	147 500	189 200*				c					44,0
46,0	42,7	117,8	138 700	179 900*	58,9	122,7	117 800	165 600*b					46,0
48,0	37,6	115,2	130 700	171 300*	55,1	121,3	111 000	157 800*b					48,0
50,0	31,9	112,2	123 200	163 300*	51,1	119,8	104 700	150 500*b					50,0
52,0	25,0	108,2	116 200	155 800*	46,8	117,9	98 900	143 800*b					52,0
54,0	15,0	102,2	109 000	148 400*	42,2	115,8	93 400	137 500*	58,2	120,0	76 200	125 600*b	54,0
56,0					37,2	113,2	88 300	131 600*	54,4	118,6	71 900	120 300*b	56,0
58,0					31,4	110,1	83 400	126 000*	50,3	117,0	68 000	115 300*b	58,0
60,0					24,3	106,0	78 700	120 600*	46,0	115,1	64 200	110 500*b	60,0
62,0					13,8	99,7	73 800	115 300*	41,4	112,9	60 600	106 100*	62,0
64,0									36,2	110,2	57 300	101 800*	64,0
66,0									30,2	107,0	53 900	97 800*	66,0
68,0									22,8	102,7	50 700	93 800*	68,0
70,0									10,8	95,3	47 000	89 700*	70,0

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

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

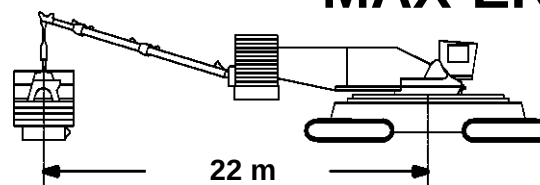
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



91,4 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1				c									35,1
36,0				c									36,0
38,0	64,0	131,6	177 300	220 700*b									38,0
40,0	61,0	130,5	165 700	208 600*b									40,0
42,0	57,8	129,3	155 400	197 600*b									42,0
44,0	54,5	127,9	145 900	187 600*									44,0
46,0	51,1	126,3	137 400	178 400*	63,8	129,8	115 400	163 500*b					46,0
48,0	47,5	124,5	129 500	170 000*	60,7	128,6	108 600	155 800*b					48,0
50,0	43,6	122,4	122 200	162 200*	57,5	127,4	102 400	148 600*b					50,0
52,0	39,5	120,1	115 600	154 900*	54,2	126,0	96 700	142 000*b					52,0
54,0	34,9	117,3	109 300	148 100*	50,8	124,3	91 400	135 800*					54,0
56,0	29,6	113,9	103 400	141 800*	47,2	122,5	86 500	130 000*					56,0
58,0	23,3	109,7	97 800	135 700*	43,3	120,4	81 900	124 600*	57,0	124,7	65 300	113 100*b	58,0
60,0	14,4	103,3	92 200	129 700*	39,1	118,0	77 500	119 500*	53,6	123,2	61 700	108 500*b	60,0
62,0					34,5	115,2	73 400	114 700*	50,2	121,6	58 400	104 200*	62,0
64,0					29,2	111,8	69 500	110 100*	46,5	119,7	55 200	100 100*	64,0
66,0					22,7	107,4	65 600	105 700*	42,6	117,6	52 100	96 200*	66,0
68,0					13,3	100,8	61 600	101 300*	38,3	115,1	49 200	92 500*	68,0
70,0									33,6	112,2	46 400	89 000*	70,0
72,0									28,1	108,7	43 700	85 500*	72,0
74,0									21,3	104,0	41 000	82 200*	74,0
76,0									10,7	96,4	37 900	78 800*	76,0

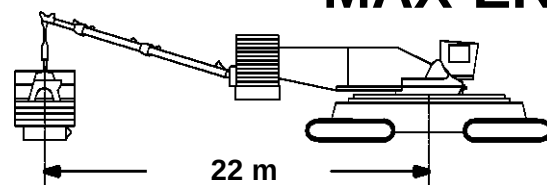
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

91,4 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,3	139,0	184 900	225 700* b									36,6
38,0	67,5	138,4	175 900	219 000* b									38,0
40,0	64,9	137,5	164 300	207 200* b									40,0
42,0	62,3	136,4	154 000	196 300* b									42,0
44,0	59,6	135,2	144 700	186 400*									44,0
46,0	56,8	133,9	136 200	177 300*									46,0
48,0	53,9	132,5	128 400	168 900*									48,0
50,0	50,8	130,9	121 300	161 100*	62,0	134,5	100 700	147 100* b					50,0
52,0	47,7	129,1	114 700	153 900*	59,3	133,3	95 100	140 500* b					52,0
54,0	44,3	127,1	108 600	147 300*	56,5	132,0	89 900	134 400*					54,0
56,0	40,8	124,8	103 000	141 100*	53,6	130,6	85 000	128 700*					56,0
58,0	36,9	122,2	97 700	135 200*	50,6	128,9	80 500	123 400*					58,0
60,0	32,7	119,2	92 600	129 700*	47,4	127,1	76 300	118 400*	58,8	130,6	59 800	107 000* b	60,0
62,0	27,9	115,6	87 900	124 500*	44,0	125,1	72 400	113 700*	56,0	129,3	56 500	102 700*	62,0
64,0	22,0	111,1	83 300	119 500*	40,5	122,8	68 600	109 200*	53,1	127,8	53 400	98 700*	64,0
66,0	13,9	104,4	78 700	114 700*	36,6	120,2	65 100	105 000*	50,0	126,2	50 500	94 800*	66,0
68,0					32,3	117,1	61 700	101 100*	46,8	124,3	47 700	91 300*	68,0
70,0					27,4	113,5	58 400	97 200*	43,4	122,2	45 100	87 800*	70,0
72,0					21,5	108,8	55 200	93 500*	39,8	119,9	42 600	84 600*	72,0
74,0					12,9	101,8	51 800	89 800*	35,9	117,2	40 200	81 500*	74,0
76,0									31,5	114,1	37 800	78 500*	76,0
80,0									20,2	105,3	33 200	72 800*	80,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

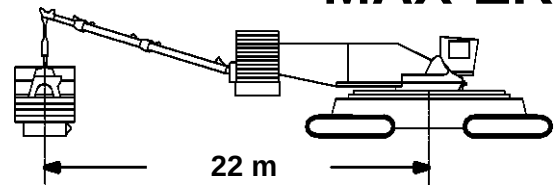
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



91,4 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	70,0	144,9	172 900	203 700* ^b									38,1
40,0	67,9	144,2	162 000	202 400* ^b									40,0
42,0	65,6	143,3	151 700	194 700* ^b									42,0
44,0	63,3	142,3	142 400	184 400*									44,0
46,0	60,9	141,2	134 000	175 300*									46,0
48,0	58,4	139,9	126 300	167 000*									48,0
50,0	55,9	138,6	119 200	159 300*									50,0
52,0	53,3	137,1	112 700	152 200*	63,1	140,4	92 400	138 300*					52,0
54,0	50,6	135,5	106 700	145 600*	60,7	139,3	87 200	132 200*					54,0
56,0	47,8	133,7	101 100	139 400*	58,2	138,0	82 500	126 600*					56,0
58,0	44,9	131,7	95 900	133 700*	55,7	136,7	78 100	121 300*					58,0
60,0	41,8	129,5	91 100	128 300*	53,1	135,2	73 900	116 400*					60,0
62,0	38,5	127,1	86 500	123 200*	50,4	133,5	70 100	111 700*					62,0
64,0	34,9	124,3	82 200	118 400*	47,6	131,7	66 400	107 400*	57,8	135,3	50 600	96 400*	64,0
66,0	30,9	121,0	78 200	113 900*	44,6	129,7	63 000	103 300*	55,2	133,9	47 700	92 700*	66,0
68,0	26,4	117,2	74 200	109 500*	41,5	127,5	59 800	99 400*	52,6	132,4	45 100	89 100*	68,0
70,0	21,0	112,4	70 400	105 400*	38,2	125,0	56 700	95 700*	49,9	130,8	42 500	85 800*	70,0
72,0	13,5	105,5	66 600	101 300*	34,6	122,2	53 700	92 200*	47,1	128,9	40 100	82 600*	72,0
74,0					30,6	118,9	50 900	88 800*	44,1	126,9	37 800	79 600*	74,0
76,0					26,0	115,1	48 200	85 500*	40,9	124,6	35 600	76 700*	76,0
80,0					12,6	102,9	42 600	79 200*	33,9	119,2	31 400	71 300*	80,0
84,0									25,1	111,8	27 500	66 200*	84,0
88,0									10,6	98,5	23 300	61 200*	88,0

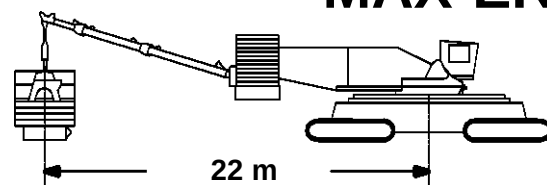
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

91,4 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	67,5	149,6	147 500	177 000*(b)									42,7
44,0	66,1	149,1	141 500	177 000*									44,0
46,0	64,1	148,1	132 900	174 100*									46,0
48,0	61,9	147,0	125 200	165 500*									48,0
50,0	59,7	145,9	118 100	157 900*									50,0
52,0	57,5	144,6	111 600	150 800*									52,0
54,0	55,2	143,2	105 600	144 200*	63,9	146,2	85 600	130 600*					54,0
56,0	52,9	141,7	100 100	138 100*	61,7	145,1	80 800	125 000*					56,0
58,0	50,5	140,1	94 900	132 400*	59,6	144,0	76 400	119 700*					58,0
60,0	47,9	138,3	90 100	127 100*	57,3	142,7	72 300	114 900*					60,0
62,0	45,3	136,4	85 500	122 000*	55,0	141,3	68 500	110 300*					62,0
64,0	42,6	134,2	81 300	117 300*	52,7	139,8	64 900	105 900*					64,0
66,0	39,6	131,8	77 300	112 900*	50,2	138,1	61 500	101 900*	59,2	141,3	45 800	91 000*	66,0
68,0	36,5	129,2	73 500	108 600*	47,7	136,3	58 300	98 000*	56,9	140,0	43 100	87 500*	68,0
70,0	33,2	126,2	70 000	104 500*	45,1	134,4	55 300	94 400*	54,6	138,6	40 600	84 200*	70,0
72,0	29,4	122,8	66 500	99 700*	42,3	132,2	52 500	90 900*	52,3	137,0	38 300	81 000*	72,0
74,0	25,2	118,8	63 200	95 300*	39,4	129,8	49 700	87 700*	49,8	135,4	36 000	78 000*	74,0
76,0	20,1	113,7	60 000	91 300*	36,2	127,2	47 100	84 500*	47,3	133,5	33 900	75 200*	76,0
80,0					29,1	120,7	42 200	78 600*	41,8	129,3	29 900	69 900*	80,0
84,0					19,6	111,4	37 500	73 100*	35,7	124,2	26 200	65 100*	84,0
88,0									28,4	117,5	22 700	60 600*	88,0
92,0									18,5	107,9	19 300	56 300*	92,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

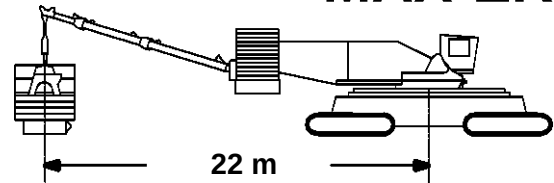
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



91,4 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	66,8	155,0	131 700	161 700*									45,7
46,0	66,6	154,9	130 600	161 700*									46,0
48,0	64,7	153,9	122 800	160 300*									48,0
50,0	62,8	152,9	115 800	155 600*									50,0
52,0	60,8	151,8	109 300	148 800*									52,0
54,0	58,8	150,6	103 400	142 300*									54,0
56,0	56,8	149,3	97 800	136 200*									56,0
58,0	54,7	147,9	92 700	130 500*	62,6	151,0	73 700	117 500*					58,0
60,0	52,5	146,3	87 900	125 200*	60,6	149,9	69 600	112 700*					60,0
62,0	50,3	144,7	83 400	120 300*	58,6	148,7	65 800	108 100*					62,0
64,0	48,0	142,9	79 300	115 600*	56,6	147,4	62 300	103 800*					64,0
66,0	45,7	141,0	75 300	111 200*	54,5	145,9	59 000	99 800*					66,0
68,0	43,2	138,9	71 600	107 000*	52,4	144,4	55 800	96 000*					68,0
70,0	40,6	136,6	68 100	103 100*	50,1	142,7	52 900	92 400*	58,3	145,9	37 700	81 900*	70,0
72,0	37,8	134,0	64 800	98 800*	47,8	140,9	50 100	89 000*	56,2	144,6	35 400	78 800*	72,0
74,0	34,9	131,2	61 700	94 200*	45,5	139,0	47 400	85 800*	54,1	143,2	33 200	75 800*	74,0
76,0	31,7	128,1	58 600	90 000*	43,0	136,9	44 900	82 700*	52,0	141,6	31 100	73 100*	76,0
80,0	24,2	120,3	52 900	82 400*	37,6	132,0	40 200	77 000*	47,4	138,1	27 200	67 900*	80,0
84,0	12,9	107,7	47 300	76 600*	31,4	126,0	35 800	71 700*	42,5	134,0	23 700	63 200*	84,0
88,0					23,8	118,1	31 700	66 800*	37,1	129,1	20 400	58 800*	88,0
92,0					12,2	105,1	27 600	62 000*	30,8	122,9	17 400	54 700*	92,0
96,0									23,0	114,7	14 400	50 900*	96,0
100,0									10,5	100,7	11 200	47 000*	100,0

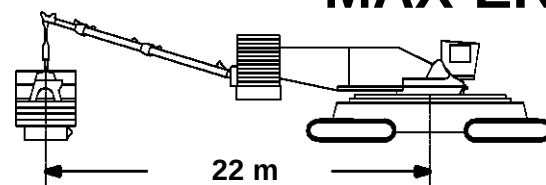
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

91,4 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	66,3	160,3	118 000	145 300*									48,8
50,0	65,2	159,7	113 800	144 800*									50,0
52,0	63,5	158,7	107 300	141 900*									52,0
54,0	61,7	157,6	101 300	138 300*									54,0
56,0	59,9	156,5	95 800	134 300*									56,0
58,0	58,0	155,2	90 700	128 900*									58,0
60,0	56,2	153,9	86 000	123 600*	63,3	156,8	67 400	110 900*					60,0
62,0	54,2	152,5	81 500	118 600*	61,5	155,8	63 600	106 300*					62,0
64,0	52,3	150,9	77 300	114 000*	59,7	154,6	60 000	102 000*					64,0
66,0	50,2	149,3	73 400	109 600*	57,9	153,3	56 800	98 100*					66,0
68,0	48,1	147,5	69 800	105 500*	56,0	152,0	53 600	94 300*					68,0
70,0	46,0	145,6	66 300	101 600*	54,1	150,6	50 700	90 700*					70,0
72,0	43,7	143,5	63 000	97 800*	52,1	149,0	47 900	87 300*	59,4	151,9	33 000	76 900*	72,0
74,0	41,3	141,3	60 000	94 000*	50,0	147,3	45 300	84 100*	57,5	150,6	30 800	74 000*	74,0
76,0	38,9	138,8	57 000	89 900*	47,9	145,6	42 800	81 000*	55,6	149,3	28 800	71 200*	76,0
80,0	33,5	133,2	51 500	82 300*	43,5	141,5	38 200	75 400*	51,7	146,2	24 900	66 100*	80,0
84,0	27,1	126,1	46 400	75 700*	38,7	136,8	34 000	70 200*	47,6	142,7	21 500	61 400*	84,0
88,0	18,8	116,3	41 600	70 100*	33,2	131,1	30 100	65 400*	43,1	138,7	18 300	57 100*	88,0
92,0					26,8	124,0	26 400	61 000*	38,2	133,9	15 400	53 200*	92,0
96,0					18,3	114,0	22 900	56 800*	32,7	128,1	12 600	49 500*	96,0
100,0									26,1	120,8	9 900	46 000*	100,0
104,0									17,4	110,3	7 300	42 700*	104,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

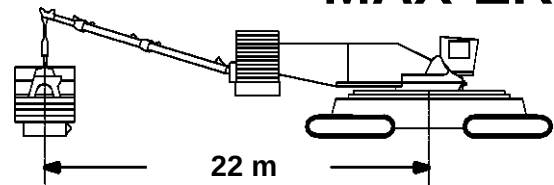
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



91,4 m Boom, 79,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	65,8	165,6	105 400	128 800*									51,8
52,0	65,7	165,5	104 900	128 800*									52,0
54,0	64,1	164,5	98 900	128 300*									54,0
56,0	62,4	163,5	93 500	126 000*									56,0
58,0	60,8	162,4	88 400	122 800*									58,0
60,0	59,1	161,2	83 600	119 300*									60,0
62,0	57,4	159,9	79 200	115 700*	63,9	162,6	60 800	104 100*					62,0
64,0	55,6	158,6	75 100	111 900*	62,3	161,6	57 300	99 800*					64,0
66,0	53,8	157,1	71 200	107 800*	60,6	160,5	54 000	95 900*					66,0
68,0	52,0	155,6	67 600	103 600*	58,9	159,3	51 000	92 100*					68,0
70,0	50,1	153,9	64 200	99 800*	57,2	158,0	48 100	88 600*					70,0
72,0	48,2	152,1	60 900	96 100*	55,5	156,6	45 400	85 300*					72,0
74,0	46,2	150,2	57 900	92 300*	53,7	155,2	42 800	82 100*					74,0
76,0	44,1	148,2	54 900	88 500*	51,8	153,6	40 300	79 000*	58,6	156,6	25 900	69 000*	76,0
80,0	39,7	143,6	49 600	81 400*	48,0	150,2	35 800	73 400*	55,1	153,9	22 100	63 900*	80,0
84,0	34,9	138,2	44 600	74 900*	43,9	146,2	31 700	68 300*	51,5	150,8	18 800	59 300*	84,0
88,0	29,3	131,6	40 100	69 000*	39,5	141,6	27 900	63 700*	47,7	147,4	15 700	55 000*	88,0
92,0	22,5	123,2	35 800	64 000*	34,7	136,2	24 400	59 300*	43,6	143,3	12 800	51 200*	92,0
96,0	12,5	109,9	31 600	60 200*	29,1	129,5	21 100	55 300*	39,1	138,7	10 200	47 600*	96,0
100,0					22,2	120,9	18 000	51 500*	34,2	133,1	7 700	44 200*	100,0
104,0					11,9	107,2	14 700	47 800*	28,5	126,4	5 300	41 100*	104,0
108,0									21,5	117,5	3 000	38 100*	108,0
112,0									10,4	102,8		35 000*	112,0

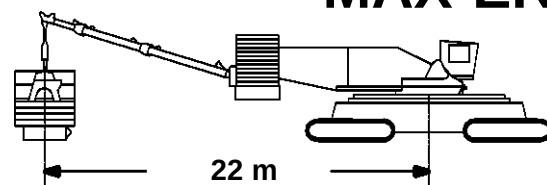
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000
MAX-ER

91,4 m Boom, 85,3 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,9	65,4	170,9	94 600	114 300*									54,9
56,0	64,6	170,4	91 600	114 300*									56,0
58,0	63,0	169,3	86 500	114 200*									58,0
60,0	61,5	168,2	81 800	112 200*									60,0
62,0	60,0	167,1	77 400	109 400*									62,0
64,0	58,4	165,9	73 200	106 500*	64,4	168,5	55 200	98 100*					64,0
66,0	56,8	164,6	69 400	103 400*	62,9	167,4	51 900	94 200*					66,0
68,0	55,2	163,2	65 800	100 100*	61,4	166,4	48 900	90 400*					68,0
70,0	53,5	161,7	62 400	96 800*	59,8	165,2	46 000	86 900*					70,0
72,0	51,8	160,1	59 100	93 500*	58,3	164,0	43 300	83 600*					72,0
74,0	50,0	158,5	56 100	90 100*	56,7	162,7	40 700	80 400*					74,0
76,0	48,2	156,7	53 200	86 700*	55,0	161,3	38 300	77 400*					76,0
80,0	44,5	152,8	47 900	80 300*	51,6	158,2	33 800	71 900*	58,0	161,3	19 900	62 100*	80,0
84,0	40,5	148,3	43 100	74 100*	48,1	154,8	29 800	66 800*	54,7	158,5	16 600	57 600*	84,0
88,0	36,1	143,1	38 600	68 400*	44,3	150,8	26 000	62 200*	51,3	155,4	13 600	53 400*	88,0
92,0	31,1	137,0	34 500	63 300*	40,3	146,3	22 600	57 900*	47,8	151,9	10 800	49 500*	92,0
96,0	25,3	129,3	30 700	58 800*	35,9	141,1	19 400	54 000*	44,0	148,0	8 200	46 000*	96,0
100,0	17,8	118,8	27 000	55 100*	30,9	134,9	16 500	50 300*	39,9	143,4	5 800	42 700*	100,0
104,0					25,0	127,1	13 700	46 900*	35,4	138,1	3 500	39 700*	104,0
108,0					17,4	116,4	10 800	43 600*	30,4	131,8	1 400	36 800*	108,0
112,0									24,4	123,8		34 100*	112,0
116,0									16,5	112,7		31 400*	116,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

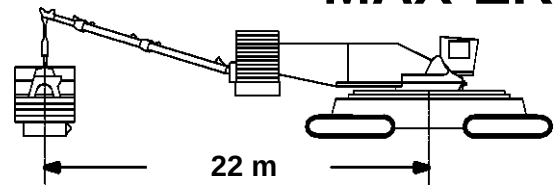
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



91,4 m Boom, 91,4 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	65,0	176,2	84 200	101 900*									57,9
58,0	65,0	176,1	84 000	101 900*									58,0
60,0	63,6	175,2	79 400	101 900*									60,0
62,0	62,2	174,1	74 900	101 600*									62,0
64,0	60,7	173,0	70 900	99 800*									64,0
66,0	59,3	171,8	67 000	97 500*									66,0
68,0	57,8	170,6	63 400	95 000*	63,5	173,3	46 100	88 300*					68,0
70,0	56,3	169,2	60 000	92 400*	62,0	172,2	43 300	84 800*					70,0
72,0	54,8	167,8	56 800	89 600*	60,6	171,1	40 600	81 500*					72,0
74,0	53,2	166,3	53 800	86 800*	59,2	169,9	38 100	78 300*					74,0
76,0	51,6	164,8	51 000	83 900*	57,7	168,6	35 700	75 300*					76,0
80,0	48,3	161,3	45 700	76 300*	54,6	165,9	31 200	69 900*					80,0
84,0	44,8	157,4	40 900	68 900*	51,5	162,8	27 200	64 800*	57,4	165,9	13 700	55 400*	84,0
88,0	41,1	153,1	36 500	62 000*	48,2	159,4	23 600	60 300*	54,3	163,2	10 700	51 200*	88,0
92,0	37,1	148,0	32 500	55 400*	44,7	155,5	20 200	56 000*	51,2	160,1	8 000	47 400*	92,0
96,0	32,6	142,1	28 800	49 400*	40,9	151,1	17 100	52 100*	47,8	156,6	5 500	44 000*	96,0
100,0	27,5	135,0	25 300	43 800*	36,9	146,0	14 200	48 600*	44,3	152,6	3 200	40 700*	100,0
104,0	21,3	125,9	22 000	38 800*	32,4	140,0	11 500	45 200*	40,6	148,1	1 000	37 700*	104,0
108,0	12,2	112,1	18 700	34 500*	27,2	132,9	9 000	42 000*	36,5	143,0		34 900*	108,0
112,0					20,9	123,7	6 500	38 900*	32,0	137,0		32 200*	112,0
116,0					11,6	109,4	3 900	34 900*	26,7	129,7		29 700*	116,0
120,0									20,3	120,2		27 300*	120,0
124,0									10,4	104,9		24 500*	124,0

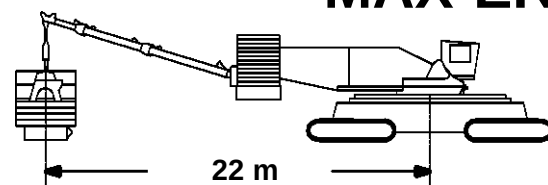
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

97,5 m Boom, 36,6 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5				c									33,5
34,0				c									34,0
36,0				c									36,0
38,0				c									38,0
40,0	57,5	130,0	164 200	207 300*b									40,0
42,0	53,6	128,6	153 900	196 500*b									42,0
44,0	49,5	126,9	144 500	186 500*b									44,0
46,0	45,1	124,9	136 000	177 300*b	61,8	129,6	113 000	161 700*b					46,0
48,0	40,4	122,6	128 100	168 900*	58,1	128,3	106 400	154 000*b					48,0
50,0	35,0	119,9	120 800	161 000*	54,3	126,9	100 300	147 000*b					50,0
52,0	28,8	116,5	113 900	153 600*	50,2	125,3	94 700	140 300*b					52,0
54,0	20,9	111,8	107 300	146 600*	45,9	123,4	89 400	134 200*b					54,0
56,0					41,2	121,2	84 500	128 400*					56,0
58,0					36,0	118,5	79 900	123 000*	54,6	124,4	62 700	111 100*b	58,0
60,0					30,0	115,2	75 400	117 900*	50,5	122,8	59 200	106 600*b	60,0
62,0					22,5	110,9	71 100	112 900*	46,2	120,9	55 900	102 300*b	62,0
64,0					10,1	103,2	66 400	107 900*	41,6	118,7	52 700	98 200*	64,0
66,0									36,4	116,1	49 700	94 400*	66,0
68,0									30,5	112,8	46 700	90 600*	68,0
70,0									23,1	108,6	43 700	87 000*	70,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

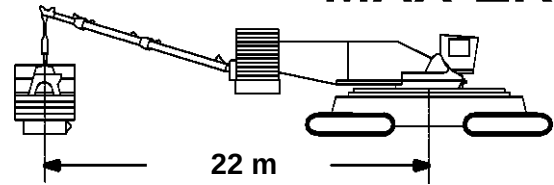
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



97,5 m Boom, 42,7 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1				c									35,1
36,0				c									36,0
38,0				c									38,0
40,0	62,6	137,1	162 200	205 500*b									40,0
42,0	59,5	136,0	152 000	194 600*b									42,0
44,0	56,3	134,7	142 800	184 800*b									44,0
46,0	52,9	133,2	134 300	175 800*b									46,0
48,0	49,4	131,5	126 700	167 400*	63,1	135,4	103 800	151 900*b					48,0
50,0	45,7	129,6	119 600	159 700*	60,1	134,3	97 800	144 900*b					50,0
52,0	41,7	127,4	113 000	152 600*	56,9	133,0	92 400	138 400*b					52,0
54,0	37,4	124,8	106 900	145 900*	53,5	131,5	87 200	132 400*b					54,0
56,0	32,5	121,8	101 200	139 600*	50,0	129,9	82 500	126 700*					56,0
58,0	26,9	118,1	95 700	133 700*	46,4	128,0	78 100	121 400*					58,0
60,0	19,6	113,1	90 400	128 000*	42,4	125,8	73 900	116 500*	57,1	130,4	56 500	104 400*b	60,0
62,0					38,2	123,4	70 000	111 800*	53,8	129,0	53 300	100 200*b	62,0
64,0					33,4	120,4	66 200	107 400*	50,3	127,4	50 300	96 300*	64,0
66,0					27,9	116,9	62 600	103 100*	46,6	125,5	47 500	92 500*	66,0
68,0					21,1	112,2	59 000	99 000*	42,7	123,4	44 800	89 000*	68,0
70,0					10,1	104,3	55 100	94 800*	38,5	120,9	42 200	85 600*	70,0
72,0									33,8	118,1	39 700	82 400*	72,0
74,0									28,3	114,6	37 200	79 200*	74,0
76,0									21,6	110,0	34 700	76 100*	76,0

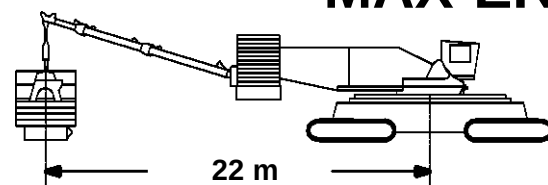
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

97,5 m Boom, 48,8 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,7	144,8	171 500	203 100* b									38,1
40,0	66,3	144,0	160 800	201 300* b									40,0
42,0	63,7	143,0	150 600	193 800* b									42,0
44,0	61,0	141,9	141 400	183 500* b									44,0
46,0	58,2	140,7	133 100	174 500* b									46,0
48,0	55,4	139,3	125 500	166 200*									48,0
50,0	52,4	137,8	118 500	158 600*									50,0
52,0	49,4	136,1	112 000	151 500*	61,5	140,2	90 500	136 900* b					52,0
54,0	46,1	134,2	106 100	145 000*	58,7	139,0	85 500	130 900* b					54,0
56,0	42,7	132,1	100 500	138 900*	55,9	137,6	80 900	125 300*					56,0
58,0	39,0	129,6	95 300	133 100*	53,0	136,1	76 600	120 100*					58,0
60,0	35,0	126,9	90 400	127 700*	49,9	134,5	72 500	115 300*					60,0
62,0	30,5	123,6	85 800	122 600*	46,7	132,6	68 700	110 700*					62,0
64,0	25,3	119,6	81 400	117 700*	43,3	130,5	65 100	106 300*	56,1	135,1	48 500	94 800*	64,0
66,0	18,7	114,4	77 000	113 000*	39,7	128,2	61 700	102 300*	53,2	133,6	45 700	91 100*	66,0
68,0					35,7	125,5	58 500	98 400*	50,1	132,0	43 100	87 600*	68,0
70,0					31,3	122,3	55 400	94 700*	46,9	130,1	40 600	84 300*	70,0
72,0					26,3	118,5	52 400	91 100*	43,6	128,1	38 300	81 200*	72,0
74,0					20,0	113,5	49 400	87 600*	40,0	125,7	36 000	78 200*	74,0
76,0					10,1	105,4	46 100	84 100*	36,0	123,0	33 800	75 300*	76,0
80,0									26,7	116,2	29 600	69 900*	80,0

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

CAUTION: 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 42,7 m Mast No. 81

208 060 kg Crane Counterweight

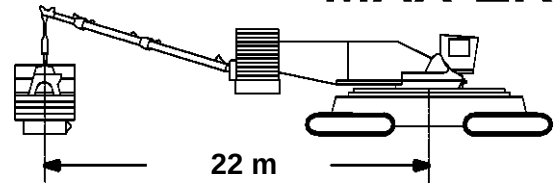
90 720 kg Carbody Counterweight

271 840 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



97,5 m Boom, 54,9 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	66,0	149,4	145 800	177 000* ^b									42,7
44,0	64,5	148,8	139 800	177 000* ^b									44,0
46,0	62,1	147,8	131 400	172 700*									46,0
48,0	59,7	146,6	123 800	164 300*									48,0
50,0	57,3	145,3	116 800	156 700*									50,0
52,0	54,7	143,9	110 400	149 700*									52,0
54,0	52,1	142,4	104 500	143 200*	62,6	146,0	83 200	128 700* ^b					54,0
56,0	49,3	140,7	99 000	137 200*	60,2	144,9	78 500	123 100*					56,0
58,0	46,5	138,8	93 900	131 500*	57,7	143,6	74 200	118 000*					58,0
60,0	43,4	136,7	89 000	126 200*	55,2	142,3	70 200	113 200*					60,0
62,0	40,3	134,4	84 600	121 200*	52,5	140,7	66 500	108 700*					62,0
64,0	36,8	131,8	80 300	116 000*	49,8	139,1	63 000	104 400*					64,0
66,0	33,1	128,8	76 300	110 500*	47,0	137,2	59 700	100 400*	57,9	141,1	42 900	88 800*	66,0
68,0	28,9	125,3	72 500	105 400*	44,0	135,2	56 500	96 600*	55,3	139,7	40 400	85 400*	68,0
70,0	24,0	121,1	68 800	100 700*	40,8	132,9	53 600	93 000*	52,7	138,2	38 000	82 100*	70,0
72,0	17,9	115,6	65 200	96 800*	37,4	130,4	50 700	89 600*	50,0	136,6	35 700	79 100*	72,0
74,0					33,7	127,4	48 000	86 300*	47,2	134,7	33 600	76 200*	74,0
76,0					29,6	124,1	45 400	83 200*	44,2	132,7	31 500	73 400*	76,0
80,0					19,1	114,8	40 300	77 200*	37,7	127,9	27 600	68 200*	80,0
84,0									30,0	121,7	24 000	63 400*	84,0
88,0									19,6	112,6	20 400	58 800*	88,0

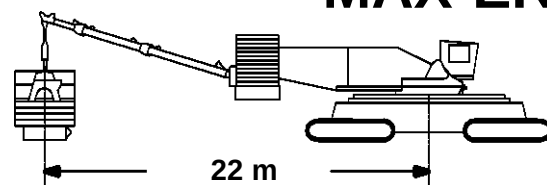
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

97,5 m Boom, 61,0 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	67,0	155,4	137 200	165 800*(b)									44,2
46,0	65,2	154,6	129 700	162 600*									46,0
48,0	63,1	153,6	122 100	158 200*									48,0
50,0	60,9	152,5	115 100	153 400*									50,0
52,0	58,7	151,3	108 700	148 100*									52,0
54,0	56,5	150,0	102 900	141 800*									54,0
56,0	54,1	148,5	97 400	135 800*	63,4	151,9	76 500	121 500*					56,0
58,0	51,8	147,0	92 400	130 200*	61,3	150,8	72 200	116 400*					58,0
60,0	49,3	145,3	87 600	124 900*	59,1	149,6	68 300	111 600*					60,0
62,0	46,7	143,4	83 200	119 600*	56,9	148,3	64 600	107 100*					62,0
64,0	44,0	141,4	79 100	114 100*	54,6	146,9	61 100	102 900*					64,0
66,0	41,2	139,1	75 200	108 900*	52,2	145,3	57 900	98 900*					66,0
68,0	38,2	136,6	71 500	103 800*	49,7	143,7	54 800	95 200*					68,0
70,0	35,0	133,8	67 900	99 100*	47,2	141,8	51 900	91 600*	57,0	145,8	35 900	80 400*	70,0
72,0	31,5	130,7	64 600	94 600*	44,5	139,8	49 200	88 200*	54,7	144,4	33 700	77 400*	72,0
74,0	27,5	127,0	61 400	90 500*	41,7	137,6	46 500	85 100*	52,4	142,8	31 500	74 500*	74,0
76,0	23,0	122,6	58 300	86 700*	38,7	135,2	44 100	82 000*	49,9	141,2	29 500	71 800*	76,0
80,0					32,1	129,3	39 400	76 300*	44,7	137,3	25 800	66 700*	80,0
84,0					23,8	121,5	35 000	71 000*	39,0	132,7	22 400	62 100*	84,0
88,0					10,2	107,6	30 400	65 800*	32,4	126,9	19 100	57 800*	88,0
92,0									24,2	119,2	16 000	53 700*	92,0
96,0									11,0	105,8	12 700	49 600*	96,0

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

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

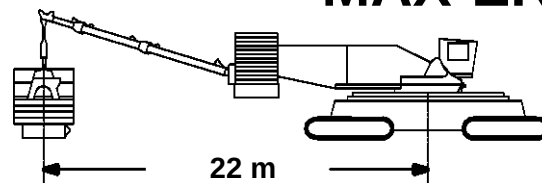
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



97,5 m Boom, 67,1 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	66,4	160,8	122 400	148 000*									47,2
48,0	65,7	160,4	119 700	146 900*									48,0
50,0	63,8	159,4	112 700	143 800*									50,0
52,0	61,9	158,4	106 400	139 800*									52,0
54,0	59,9	157,2	100 500	135 500*									54,0
56,0	57,9	156,0	95 100	131 000*									56,0
58,0	55,8	154,6	90 100	126 200*	64,1	157,7	69 400	114 100*					58,0
60,0	53,7	153,2	85 400	121 200*	62,2	156,6	65 500	109 300*					60,0
62,0	51,5	151,6	81 000	116 300*	60,2	155,5	61 800	104 900*					62,0
64,0	49,3	149,9	76 900	111 500*	58,2	154,3	58 400	100 700*					64,0
66,0	46,9	148,0	73 100	106 700*	56,2	152,9	55 200	96 800*					66,0
68,0	44,5	146,0	69 400	102 000*	54,1	151,5	52 200	93 100*					68,0
70,0	42,0	143,8	66 000	97 500*	51,9	149,9	49 400	89 600*					70,0
72,0	39,3	141,4	62 800	93 200*	49,7	148,3	46 700	86 300*	58,4	151,7	30 700	75 100*	72,0
74,0	36,5	138,8	59 700	89 100*	47,3	146,4	44 100	83 100*	56,3	150,4	28 600	72 300*	74,0
76,0	33,4	135,8	56 800	85 200*	44,9	144,5	41 700	80 100*	54,2	149,0	26 700	69 600*	76,0
80,0	26,4	128,6	51 200	78 200*	39,8	139,9	37 200	74 500*	49,8	145,8	23 100	64 600*	80,0
84,0	16,7	118,0	45 900	72 500*	34,0	134,4	33 000	69 400*	45,1	142,0	19 800	60 000*	84,0
88,0					27,0	127,4	29 100	64 600*	40,0	137,5	16 700	55 800*	88,0
92,0					17,7	117,2	25 300	60 100*	34,2	132,0	13 800	51 900*	92,0
96,0									27,3	125,1	11 100	48 300*	96,0
100,0									18,1	115,1	8 400	44 800*	100,0

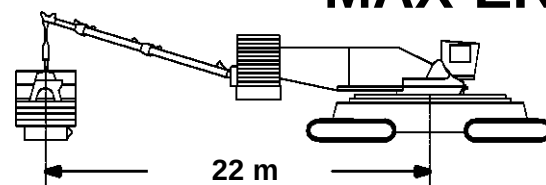
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 42,7 m Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
271 840 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



**21000
MAX-ER**

97,5 m Boom, 73,2 m Luffing Jib

Jib Oper. Rad. m	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	65,9	166,1	109 700	132 300*									50,3
52,0	64,4	165,2	104 300	130 900*									52,0
54,0	62,6	164,2	98 500	127 700*									54,0
56,0	60,8	163,1	93 000	124 300*									56,0
58,0	59,0	161,9	88 100	120 600*									58,0
60,0	57,2	160,6	83 400	116 700*									60,0
62,0	55,3	159,2	79 000	112 600*	62,9	162,5	59 500	103 000*					62,0
64,0	53,3	157,8	74 900	108 500*	61,2	161,4	56 100	98 900*					64,0
66,0	51,3	156,2	71 200	104 300*	59,3	160,2	52 900	95 000*					66,0
68,0	49,2	154,5	67 500	100 200*	57,5	158,9	50 000	91 300*					68,0
70,0	47,1	152,6	64 200	96 100*	55,6	157,6	47 100	87 800*					70,0
72,0	44,9	150,6	61 000	92 200*	53,6	156,1	44 500	84 500*					72,0
74,0	42,6	148,5	57 900	88 300*	51,7	154,6	41 900	81 400*					74,0
76,0	40,2	146,2	55 000	84 600*	49,6	152,9	39 600	78 400*	57,6	156,4	24 200	67 700*	76,0
80,0	35,0	140,8	49 700	77 800*	45,3	149,1	35 100	72 900*	53,8	153,6	20 700	62 800*	80,0
84,0	28,9	134,2	44 700	71 600*	40,6	144,7	31 100	67 800*	49,8	150,4	17 500	58 200*	84,0
88,0	21,3	125,3	40 100	66 400*	35,4	139,4	27 400	63 200*	45,5	146,6	14 500	54 100*	88,0
92,0					29,5	132,9	23 900	58 900*	40,8	142,2	11 700	50 300*	92,0
96,0					22,0	124,3	20 600	54 800*	35,6	137,0	9 200	46 800*	96,0
100,0					10,2	109,7	17 000	50 800*	29,7	130,6	6 700	43 500*	100,0
104,0									22,4	122,1	4 400	40 300*	104,0
108,0									10,8	107,9	1 700	37 100*	108,0

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

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