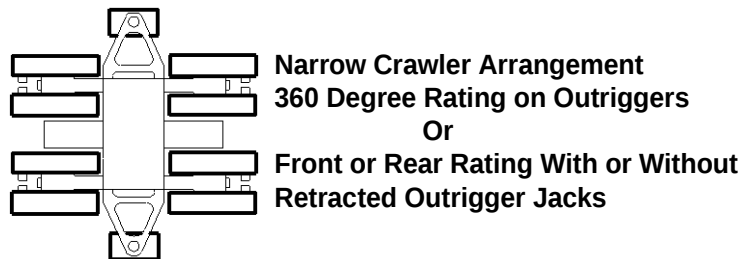
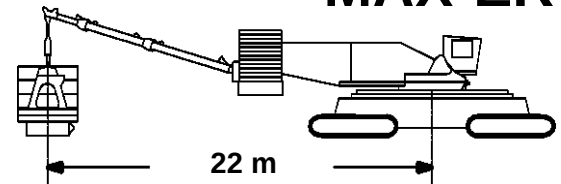


Liftcrane Luffing Jib Capacities

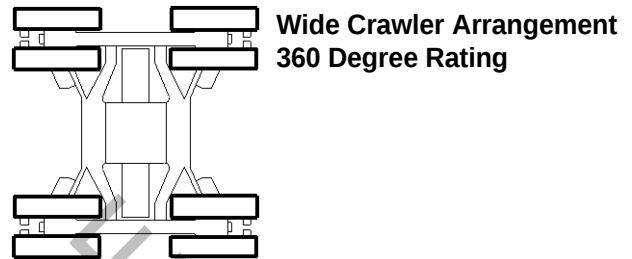
21000
MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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



Wide Crawler Arrangement
360 Degree Rating

LIFTING CAPACITIES: Lifting capacities for various boom lengths, 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 (14,5 m) 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 (9,1 m) 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 (14,5 m) travel allowed with 360 degree rating.

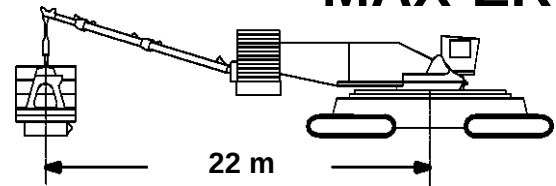
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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,

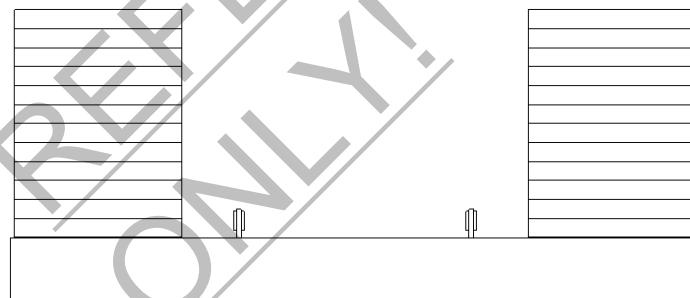
boom support straps, 22 part luffing jib hoist reeving, luffing jib and backstay support straps, 208 060 kg crane counterweight, two 24 270 kg and two 21 090 kg carbody counterweights and 192 210 kg hanging counterweight.

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

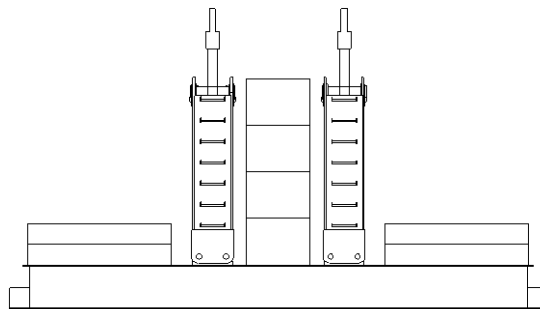
Warning: Narrow crawler arrangement requires set outrigger jacks to swing beyond front or rear operating range.

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



192 010 kg Hanging Counterweight
4 Side Boxes - 4 Center Boxes

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

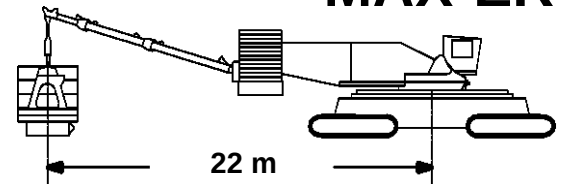
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 22 m Position

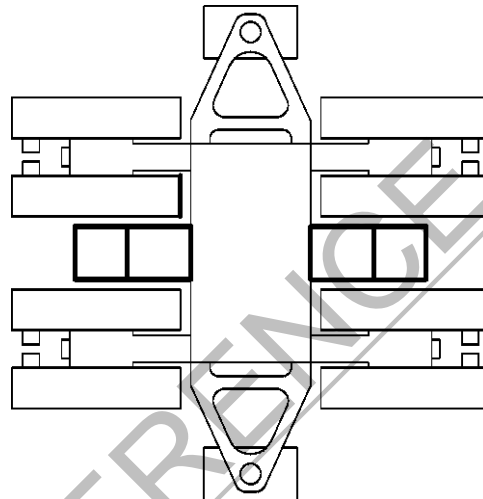
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



21000

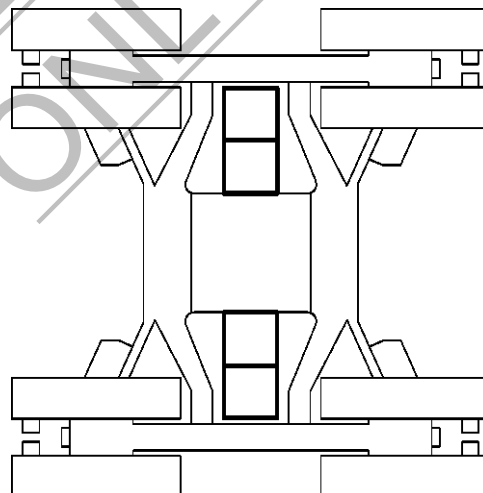
MAX-ER



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 140 ft Mast No. 81

208 060 kg Crane Counterweight

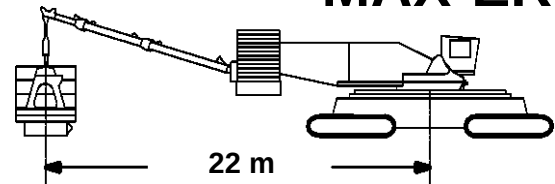
90 720 kg Carbody Counterweight

192 010 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 192 010 kg Hanging Counterweight		
Boom Length Meters	Luffing Jib No. 81 Meters	Boom to Luffing Jib Angle Degrees
Over End Unblocked Crawlers		
54,9 - 73,2	36,6 - 91,4	90
79,2	36,6 - 91,4	60
85,3	36,6 - 85,3	60
Load blocks, hook and weight ball on ground until boom and luffing jib are erected.		

RAISING AND LOWERING PROCEDURE

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

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

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

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

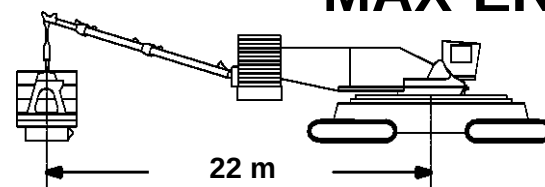
CAUTION: Do not under any condition allow boom to luffing jib angle to become less than 60 degrees.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3				c													18,3
20,0				c													20,0
22,0				c													22,0
24,0	64,4	90,9	281 200	351 400*b													24,0
26,0	60,8	89,8	253 800	323 100*b				c									26,0
28,0	57,1	88,6	231 000	298 900*b	65,8	90,6	212 700	287 100*b									28,0
30,0	53,2	87,1	211 500	277 900*	62,2	89,6	194 500	266 700*b									30,0
32,0	49,1	85,4	194 600	259 300*	58,6	88,4	178 900	248 900*b									32,0
34,0	44,7	83,4	179 700	242 800*	54,7	87,0	165 200	233 100*b	63,5	88,9	150 700	223 400*b					34,0
36,0	39,9	81,1	166 600	228 000*	50,7	85,4	153 100	219 000*	59,9	87,7	139 500	209 800*b					36,0
38,0	34,5	78,3	154 700	214 700*	46,4	83,5	142 300	206 300*	56,1	86,4	129 600	197 700*b					38,0
40,0	28,1	74,8	144 000	202 600*	41,8	81,3	132 600	194 900*	52,2	84,9	120 800	186 800*					40,0
42,0	19,9	69,9	133 900	191 400*	36,7	78,7	123 800	184 300*	48,0	83,1	112 700	176 800*	57,3	85,3	101 600	169 100*b	42,0
44,0					30,8	75,6	115 700	174 700*	43,5	81,0	105 400	167 600*	53,4	83,8	94 900	160 400*	44,0
46,0					23,5	71,4	108 000	165 700*	38,6	78,6	98 700	159 200*	49,3	82,1	88 800	152 400*	46,0
48,0									33,0	75,7	92 400	151 400*	44,9	80,2	83 200	145 000*	48,0
50,0									26,3	71,9	86 500	144 100*	40,1	77,9	78 000	138 100*	50,0
52,0									17,3	66,5	80 600	137 000*	34,8	75,1	73 100	131 700*	52,0
54,0													28,5	71,6	68 500	125 700*	54,0
56,0													20,4	66,9	63 900	119 900*	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).

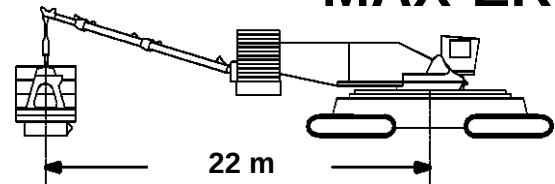
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0	68,3	97,7	281 200	350 000*b													24,0
26,0	65,3	96,8	253 700	321 800*b													26,0
28,0	62,3	95,7	230 800	297 700*b													28,0
30,0	59,2	94,5	211 300	276 700*	66,5	96,4	193 600	265 200*b									30,0
32,0	56,0	93,2	194 400	258 300*	63,5	95,4	177 800	247 300*b									32,0
34,0	52,6	91,7	179 600	241 900*	60,4	94,3	164 200	231 600*b									34,0
36,0	49,1	90,0	166 500	227 300*	57,2	93,0	152 100	217 700*									36,0
38,0	45,3	88,0	154 900	214 100*	53,9	91,6	141 500	205 100*	61,5	93,6	128 000	196 000*b					38,0
40,0	41,3	85,8	144 500	202 200*	50,5	90,0	131 900	193 700*	58,4	92,4	119 200	185 100*					40,0
42,0	36,9	83,2	135 000	191 400*	46,8	88,1	123 200	183 400*	55,1	91,0	111 300	175 200*					42,0
44,0	32,0	80,1	126 400	181 500*	42,9	86,0	115 400	173 900*	51,7	89,5	104 100	166 200*					44,0
46,0	26,2	76,3	118 300	172 200*	38,7	83,6	108 200	165 200*	48,1	87,7	97 600	158 000*	56,1	89,9	86 900	150 600*	46,0
48,0	18,8	71,2	110 700	163 600*	34,0	80,7	101 500	157 200*	44,3	85,7	91 500	150 300*	52,8	88,4	81 500	143 400*	48,0
50,0					28,6	77,3	95 300	149 700*	40,2	83,4	86 000	143 200*	49,2	86,7	76 500	136 600*	50,0
52,0					22,0	72,8	89 300	142 600*	35,7	80,7	80 800	136 700*	45,5	84,8	71 800	130 400*	52,0
54,0									30,7	77,5	75 900	130 500*	41,5	82,6	67 400	124 600*	54,0
56,0									24,6	73,4	71 200	124 600*	37,1	80,0	63 300	119 100*	56,0
58,0									16,4	67,7	66 500	119 000*	32,2	77,0	59 400	114 000*	58,0
60,0													26,5	73,2	55 700	109 100*	60,0
62,0													19,2	68,2	52 000	104 400*	62,0
64,0													4,2	57,2	47 600	99 300*	64,0

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

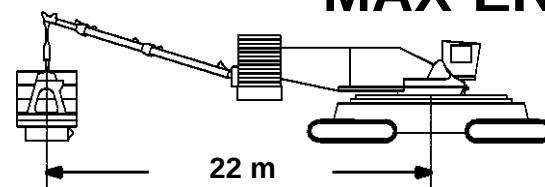
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0	71,1	104,2	281 000	348 900*b													24,0
26,0	68,6	103,4	253 400	320 800*b													26,0
28,0	66,0	102,6	230 400	296 700*b													28,0
30,0	63,4	101,6	210 900	275 800*													30,0
32,0	60,7	100,4	194 000	257 400*	67,1	102,2	176 800	246 100*b									32,0
34,0	58,0	99,2	179 200	241 100*	64,5	101,3	163 200	230 500*b									34,0
36,0	55,1	97,8	166 200	226 500*	61,8	100,2	151 200	216 500*									36,0
38,0	52,1	96,3	154 600	213 500*	59,1	99,0	140 600	204 000*									38,0
40,0	49,1	94,6	144 300	201 700*	56,2	97,7	131 100	192 700*	62,8	99,5	117 900	183 900*					40,0
42,0	45,8	92,7	134 900	190 900*	53,3	96,2	122 500	182 500*	60,0	98,3	110 000	174 000*					42,0
44,0	42,3	90,5	126 500	181 100*	50,3	94,6	114 700	173 100*	57,3	97,1	102 900	165 000*					44,0
46,0	38,6	88,1	118 700	172 100*	47,1	92,7	107 600	164 500*	54,4	95,7	96 500	156 800*					46,0
48,0	34,6	85,2	111 600	163 800*	43,7	90,7	101 100	156 600*	51,4	94,1	90 500	149 300*	58,1	95,9	80 000	142 100*	48,0
50,0	30,0	81,9	105 000	156 100*	40,1	88,4	95 100	149 300*	48,3	92,3	85 100	142 300*	55,3	94,6	75 100	135 400*	50,0
52,0	24,7	77,8	98 800	148 900*	36,2	85,7	89 600	142 500*	45,0	90,3	80 100	135 900*	52,3	93,0	70 500	129 200*	52,0
54,0	17,9	72,4	92 800	142 000*	31,9	82,6	84 300	136 100*	41,4	88,1	75 400	129 800*	49,2	91,3	66 300	123 500*	54,0
56,0					26,9	78,9	79 400	130 100*	37,7	85,6	71 000	124 200*	46,0	89,4	62 300	118 200*	56,0
58,0					20,8	74,1	74 700	124 400*	33,5	82,7	66 800	118 900*	42,5	87,3	58 600	113 100*	58,0
60,0									28,8	79,2	62 900	113 900*	38,8	84,9	55 100	108 400*	60,0
62,0									23,2	74,9	59 100	109 100*	34,8	82,1	51 800	103 900*	62,0
64,0									15,7	68,8	55 300	104 500*	30,3	78,8	48 700	99 800*	64,0
66,0													25,0	74,8	45 600	95 700*	66,0
68,0													18,3	69,4	42 500	91 700*	68,0
70,0													5,6	58,9	38 900	87 400*	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).

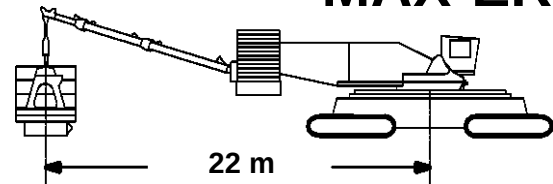
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	72,9	110,5	274 700	339 800 b													24,4
26,0	71,1	110,0	252 900	319 200 b													26,0
28,0	68,9	109,2	229 800	295 100 b													28,0
30,0	66,6	108,3	210 100	274 200*													30,0
32,0	64,3	107,4	193 100	255 900*	69,7	108,8	175 300	244 200 b									32,0
34,0	61,9	106,3	178 300	239 600*	67,5	108,0	161 700	228 600*									34,0
36,0	59,5	105,2	165 200	225 100*	65,2	107,1	149 700	214 800*									36,0
38,0	57,0	103,9	153 700	212 100*	62,9	106,1	139 000	202 300*									38,0
40,0	54,4	102,4	143 300	200 300*	60,5	104,9	129 500	191 100*									40,0
42,0	51,8	100,9	134 000	189 600*	58,0	103,7	121 000	180 800*	63,7	105,3	108 000	172 100*					42,0
44,0	49,0	99,2	125 600	179 900*	55,5	102,3	113 200	171 500*	61,3	104,2	100 900	163 200*					44,0
46,0	46,2	97,3	117 900	171 000*	52,9	100,8	106 200	163 000*	58,9	103,0	94 500	155 000*					46,0
48,0	43,1	95,2	110 900	162 700*	50,1	99,2	99 700	155 100*	56,4	101,7	88 600	147 500*					48,0
50,0	39,9	92,8	104 400	155 100*	47,3	97,3	93 800	147 900*	53,8	100,3	83 200	140 600*					50,0
52,0	36,5	90,2	98 400	148 100*	44,4	95,3	88 300	141 100*	51,1	98,7	78 300	134 200*	57,1	100,6	68 200	127 300*	52,0
54,0	32,7	87,2	92 800	141 500*	41,2	93,1	83 300	134 900*	48,3	96,9	73 600	128 200*	54,6	99,2	64 100	121 600*	54,0
56,0	28,4	83,6	87 600	135 300*	37,9	90,6	78 500	129 000*	45,4	95,0	69 300	122 700*	51,9	97,6	60 200	116 300*	56,0
58,0	23,5	79,3	82 600	129 500*	34,2	87,7	74 100	123 600*	42,4	92,8	65 300	117 500*	49,2	95,9	56 600	111 400*	58,0
60,0	17,1	73,6	77 700	123 900*	30,2	84,4	69 900	118 400*	39,1	90,4	61 600	112 600*	46,3	94,1	53 200	106 700*	60,0
62,0					25,5	80,4	65 900	113 500*	35,6	87,7	58 000	108 000*	43,3	92,0	50 000	102 400*	62,0
64,0					19,9	75,4	62 000	108 800*	31,7	84,5	54 700	103 700*	40,1	89,6	47 000	98 300*	64,0
66,0									27,3	80,8	51 400	99 500*	36,6	87,0	44 200	94 400*	66,0
68,0									22,1	76,3	48 300	95 500*	32,9	84,0	41 400	90 700*	68,0
70,0									15,1	69,9	45 100	91 600*	28,7	80,5	38 800	87 100*	70,0
72,0													23,7	76,2	36 300	83 600*	72,0
74,0													17,5	70,6	33 700	80 200*	74,0
76,0													6,4	60,2	30 500	76 600*	76,0

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

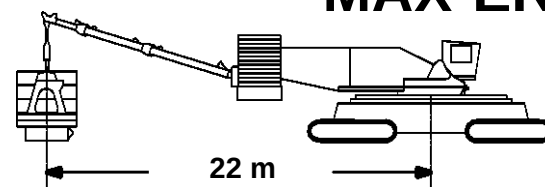
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	71,6	115,9	235 200	293 000*(b)													27,4
28,0	71,1	115,7	229 200	289 500*(b)													28,0
30,0	69,1	115,0	209 200	273 800*													30,0
32,0	67,0	114,1	192 200	254 600*													32,0
34,0	65,0	113,2	177 300	238 400*													34,0
36,0	62,8	112,2	164 200	223 900*	67,8	113,8	148 300	213 500*									36,0
38,0	60,7	111,1	152 700	210 900*	65,8	112,9	137 600	200 900*									38,0
40,0	58,5	109,8	142 300	199 200*	63,7	111,9	128 100	189 700*									40,0
42,0	56,2	108,5	133 000	188 500*	61,5	110,8	119 600	179 500*									42,0
44,0	53,9	107,1	124 600	178 800*	59,4	109,6	111 900	170 200*									44,0
46,0	51,5	105,5	116 900	169 900*	57,1	108,3	104 900	161 700*	62,3	110,1	92 800	153 500*					46,0
48,0	49,0	103,8	110 000	161 800*	54,8	106,9	98 500	153 900*	60,1	109,0	87 000	146 100*					48,0
50,0	46,5	101,9	103 500	154 200*	52,5	105,4	92 600	146 700*	57,9	107,7	81 700	139 200*					50,0
52,0	43,8	99,8	97 600	147 200*	50,0	103,8	87 100	140 000*	55,7	106,3	76 700	132 800*					52,0
54,0	40,9	97,6	92 200	140 700*	47,5	101,9	82 200	133 800*	53,3	104,9	72 200	126 900*	58,6	106,6	62 300	120 100*	54,0
56,0	37,9	95,0	87 000	134 700*	44,8	100,0	77 500	128 000*	50,9	103,3	67 900	121 400*	56,3	105,3	58 400	114 900*	56,0
58,0	34,6	92,2	82 300	129 000*	42,1	97,8	73 200	122 600*	48,4	101,5	64 000	116 300*	54,0	103,8	54 900	110 000*	58,0
60,0	31,1	89,0	77 800	123 600*	39,1	95,4	69 100	117 600*	45,8	99,6	60 300	111 500*	51,6	102,2	51 600	105 400*	60,0
62,0	27,1	85,3	73 600	118 600*	36,0	92,7	65 300	112 800*	43,1	97,5	56 800	106 900*	49,2	100,5	48 500	101 100*	62,0
64,0	22,4	80,7	69 500	113 800*	32,5	89,6	61 700	108 300*	40,2	95,2	53 600	102 700*	46,6	98,7	45 500	97 000*	64,0
66,0	16,5	74,8	65 500	109 200*	28,7	86,1	58 200	104 000*	37,1	92,6	50 500	98 600*	43,9	96,6	42 800	93 200*	66,0
68,0					24,4	81,9	54 900	100 000*	33,8	89,7	47 600	94 800*	41,1	94,4	40 100	89 600*	68,0
70,0					19,1	76,7	51 600	96 000*	30,1	86,3	44 800	91 200*	38,0	91,8	37 600	86 100*	70,0
72,0									26,0	82,4	42 000	87 700*	34,8	89,0	35 300	82 800*	72,0
74,0									21,1	77,6	39 400	84 200*	31,3	85,8	33 000	79 600*	74,0
76,0									14,7	71,1	36 700	80 900*	27,3	82,1	30 800	76 500*	76,0
80,0													16,9	71,8	26 300	70 700*	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).

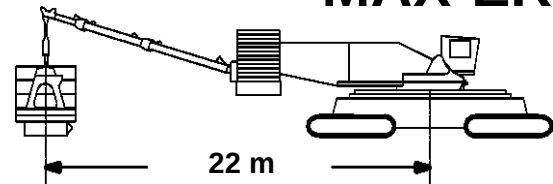
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	70,6	121,3	203 500	253 300*													30,5
32,0	69,2	120,7	190 700	253 000*													32,0
34,0	67,4	119,9	175 800	236 800*													34,0
36,0	65,5	119,0	162 700	222 300*													36,0
38,0	63,6	118,0	151 100	209 400*	68,1	119,6	135 600	199 000*									38,0
40,0	61,7	116,9	140 700	197 600*	66,2	118,7	126 100	187 800*									40,0
42,0	59,7	115,8	131 500	187 000*	64,4	117,7	117 600	177 700*									42,0
44,0	57,7	114,5	123 100	177 300*	62,4	116,7	109 900	168 500*									44,0
46,0	55,6	113,1	115 400	168 400*	60,5	115,5	102 900	160 000*									46,0
48,0	53,5	111,7	108 400	160 300*	58,5	114,3	96 500	152 200*	63,1	115,9	84 700	144 200*					48,0
50,0	51,3	110,1	102 000	152 800*	56,4	113,0	90 700	145 000*	61,2	114,8	79 400	137 300*					50,0
52,0	49,0	108,4	96 200	145 800*	54,3	111,6	85 300	138 400*	59,2	113,7	74 400	130 900*					52,0
54,0	46,7	106,5	90 700	139 300*	52,2	110,0	80 300	132 200*	57,1	112,4	69 900	125 100*					54,0
56,0	44,3	104,5	85 700	133 300*	49,9	108,4	75 700	126 400*	55,1	111,0	65 800	119 600*					56,0
58,0	41,7	102,3	81 000	127 700*	47,6	106,6	71 400	121 100*	52,9	109,5	61 800	114 500*	57,8	111,2	52 500	108 000*	58,0
60,0	39,0	99,8	76 600	122 400*	45,2	104,6	67 400	116 000*	50,7	107,9	58 200	109 700*	55,7	109,9	49 200	103 400*	60,0
62,0	36,2	97,2	72 400	117 500*	42,7	102,5	63 600	111 400*	48,5	106,1	54 800	105 200*	53,6	108,4	46 100	99 100*	62,0
64,0	33,1	94,2	68 500	112 800*	40,1	100,1	60 100	106 900*	46,1	104,2	51 600	101 000*	51,4	106,8	43 200	95 100*	64,0
66,0	29,7	90,8	64 900	108 400*	37,3	97,6	56 700	102 700*	43,6	102,1	48 600	97 000*	49,1	105,1	40 500	91 300*	66,0
68,0	26,0	86,8	61 300	104 200*	34,3	94,7	53 600	98 800*	41,1	99,9	45 700	93 200*	46,8	103,3	37 900	87 800*	68,0
70,0	21,6	82,1	58 000	100 200*	31,1	91,5	50 600	95 000*	38,3	97,4	43 000	89 700*	44,4	101,3	35 500	84 400*	70,0
72,0	16,0	75,9	54 600	96 200*	27,5	87,8	47 700	91 400*	35,4	94,6	40 500	86 300*	41,8	99,1	33 200	81 100*	72,0
74,0					23,4	83,4	44 900	88 000*	32,3	91,6	38 000	83 000*	39,2	96,6	31 000	78 000*	74,0
76,0					18,4	77,9	42 200	84 600*	28,8	88,1	35 600	79 900*	36,3	94,0	28 900	75 000*	76,0
80,0									20,3	78,9	31 100	73 900*	29,9	87,6	24 900	69 500*	80,0
84,0													21,8	79,1	21 200	64 300*	84,0
88,0													7,4	62,7	16 900	59 100*	88,0

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

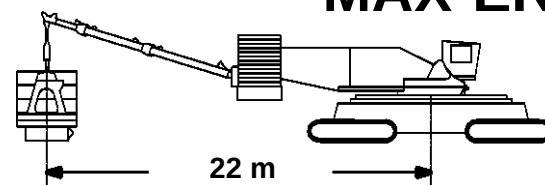
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,8	126,7	178 300	220 400*													33,5
34,0	69,4	126,5	175 000	220 400*													34,0
36,0	67,7	125,7	161 700	218 300*													36,0
38,0	66,0	124,8	150 000	208 100*													38,0
40,0	64,2	123,8	139 600	196 100*	68,3	125,3	124 600	186 200*									40,0
42,0	62,5	122,8	130 300	185 600*	66,6	124,4	116 100	176 100*									42,0
44,0	60,7	121,7	121 800	175 900*	64,9	123,5	108 300	166 800*									44,0
46,0	58,8	120,5	114 100	167 000*	63,2	122,5	101 300	158 400*									46,0
48,0	57,0	119,2	107 100	158 900*	61,4	121,4	94 900	150 600*									48,0
50,0	55,1	117,8	100 700	151 400*	59,6	120,2	89 100	143 500*	63,8	121,8	77 500	135 600*					50,0
52,0	53,1	116,3	94 800	144 400*	57,7	119,0	83 700	136 800*	62,0	120,7	72 600	129 300*					52,0
54,0	51,1	114,7	89 400	138 000*	55,8	117,7	78 700	130 700*	60,2	119,6	68 100	123 400*					54,0
56,0	49,0	113,0	84 300	132 000*	53,9	116,2	74 100	125 000*	58,4	118,3	63 900	118 000*					56,0
58,0	46,9	111,1	79 600	126 400*	51,9	114,6	69 800	119 600*	56,5	117,0	60 000	112 900*					58,0
60,0	44,7	109,1	75 300	121 200*	49,9	113,0	65 800	114 600*	54,6	115,6	56 400	108 100*	58,9	117,2	47 100	101 700*	60,0
62,0	42,4	106,9	71 200	116 200*	47,7	111,2	62 000	110 000*	52,6	114,1	53 000	103 600*	57,1	115,9	44 100	97 400*	62,0
64,0	40,0	104,6	67 300	111 600*	45,6	109,2	58 600	105 500*	50,6	112,5	49 800	99 400*	55,2	114,5	41 200	93 500*	64,0
66,0	37,4	102,0	63 700	107 300*	43,3	107,1	55 300	101 400*	48,5	110,7	46 800	95 500*	53,2	113,1	38 500	89 700*	66,0
68,0	34,7	99,2	60 300	103 100*	40,9	104,8	52 100	97 400*	46,4	108,8	44 000	91 800*	51,2	111,4	36 000	86 100*	68,0
70,0	31,8	96,0	57 000	99 200*	38,4	102,4	49 200	93 700*	44,1	106,8	41 400	88 200*	49,1	109,7	33 600	82 800*	70,0
72,0	28,6	92,5	53 900	95 500*	35,8	99,7	46 400	90 200*	41,8	104,6	38 800	84 900*	47,0	107,9	31 300	79 500*	72,0
74,0	25,0	88,4	51 000	91 900*	32,9	96,6	43 700	86 800*	39,3	102,2	36 400	81 700*	44,8	105,9	29 200	76 500*	74,0
76,0	20,8	83,5	48 100	88 500*	29,9	93,2	41 200	83 600*	36,7	99,5	34 100	78 600*	42,5	103,7	27 100	73 500*	76,0
80,0					22,6	84,8	36 300	77 500*	31,0	93,4	29 800	72 800*	37,5	98,8	23 300	68 100*	80,0
84,0									24,0	85,4	25 800	67 500*	31,9	92,9	19 800	63 100*	84,0
88,0									14,0	73,3	21 800	62 500*	25,2	85,3	16 400	58 500*	88,0
92,0													15,9	74,1	13 100	54 100*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

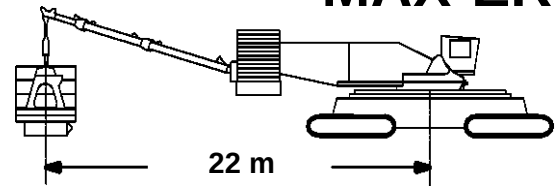
90 720 kg Carbody Counterweight

192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	69,0	132,0	156 600	192 000*													36,6
38,0	67,9	131,4	148 400	192 000*													38,0
40,0	66,3	130,6	137 900	190 900*													40,0
42,0	64,7	129,6	128 600	184 000*	68,5	131,1	114 000	174 300*									42,0
44,0	63,1	128,6	120 100	174 300*	67,0	130,2	106 300	165 000*									44,0
46,0	61,5	127,5	112 400	165 500*	65,4	129,3	99 300	156 600*									46,0
48,0	59,8	126,4	105 400	157 300*	63,8	128,3	92 800	148 800*									48,0
50,0	58,1	125,1	99 000	149 800*	62,1	127,3	87 000	141 700*									50,0
52,0	56,4	123,8	93 100	142 900*	60,5	126,2	81 600	135 100*	64,3	127,6	70 200	127 300*					52,0
54,0	54,6	122,4	87 700	136 500*	58,8	124,9	76 600	128 900*	62,7	126,6	65 700	121 400*					54,0
56,0	52,8	120,9	82 700	130 500*	57,1	123,7	72 100	123 200*	61,1	125,5	61 600	116 000*					56,0
58,0	50,9	119,3	78 000	124 900*	55,3	122,3	67 800	117 900*	59,4	124,3	57 700	111 000*					58,0
60,0	49,0	117,6	73 600	119 700*	53,5	120,8	63 800	112 900*	57,7	123,0	54 100	106 200*					60,0
62,0	47,1	115,7	69 500	114 800*	51,7	119,2	60 100	108 300*	55,9	121,7	50 800	101 800*					62,0
64,0	45,0	113,7	65 700	110 200*	49,8	117,6	56 600	103 900*	54,2	120,2	47 600	97 600*	58,2	121,9	38 700	91 500*	64,0
66,0	42,9	111,6	62 100	105 900*	47,8	115,8	53 400	99 800*	52,3	118,7	44 600	93 700*	56,5	120,6	36 000	87 700*	66,0
68,0	40,7	109,3	58 800	101 800*	45,8	113,8	50 300	95 900*	50,5	117,1	41 900	90 000*	54,7	119,2	33 500	84 200*	68,0
70,0	38,4	106,8	55 600	97 900*	43,8	111,8	47 400	92 200*	48,5	115,3	39 200	86 500*	52,9	117,7	31 200	80 900*	70,0
72,0	36,0	104,1	52 500	94 200*	41,6	109,6	44 600	88 700*	46,6	113,4	36 700	83 200*	51,0	116,1	29 000	77 700*	72,0
74,0	33,4	101,2	49 600	90 700*	39,3	107,2	42 000	85 400*	44,5	111,4	34 400	80 000*	49,1	114,3	26 800	74 700*	74,0
76,0	30,6	97,9	46 900	87 400*	37,0	104,5	39 500	82 200*	42,4	109,3	32 100	77 000*	47,2	112,5	24 800	71 800*	76,0
80,0	24,1	89,9	41 700	81 100*	31,7	98,5	34 900	76 300*	37,8	104,4	27 900	71 300*	43,0	108,4	21 100	66 400*	80,0
84,0	15,2	78,2	36 700	75 200*	25,5	91,0	30 600	70 800*	32,7	98,6	24 100	66 100*	38,5	103,6	17 700	61 500*	84,0
88,0					17,4	80,4	26 400	65 600*	26,7	91,3	20 600	61 400*	33,5	98,0	14 500	57 000*	88,0
92,0									19,1	81,5	17 100	56 900*	27,7	91,0	11 600	52 900*	92,0
96,0													20,4	81,8	8 700	48 900*	96,0
100,0													7,9	65,0	5 300	44 900*	100,0

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

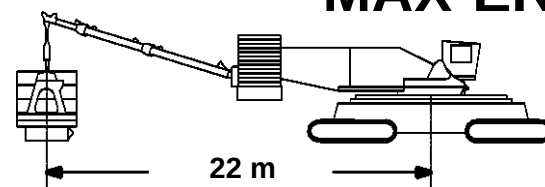
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	68,4	137,4	138 400	167 700*													39,6
40,0	68,1	137,2	136 600	167 700*													40,0
42,0	66,7	136,4	127 100	167 400*													42,0
44,0	65,2	135,4	118 600	163 500*	68,7	136,9	104 600	163 500*									44,0
46,0	63,7	134,4	111 000	157 300*	67,3	136,0	97 500	155 000*									46,0
48,0	62,2	133,4	104 000	151 100*	65,8	135,1	91 100	147 300*									48,0
50,0	60,6	132,3	97 500	145 000*	64,3	134,2	85 300	140 200*									50,0
52,0	59,1	131,1	91 600	139 000*	62,8	133,1	79 900	133 600*									52,0
54,0	57,5	129,8	86 200	133 100*	61,3	132,0	75 000	127 500*									54,0
56,0	55,9	128,5	81 200	127 400*	59,7	130,9	70 400	121 800*	63,3	132,4	59 700	114 500*					56,0
58,0	54,2	127,0	76 500	121 700*	58,1	129,6	66 100	116 500*	61,8	131,3	55 900	109 400*					58,0
60,0	52,5	125,5	72 200	116 300*	56,5	128,3	62 100	111 500*	60,3	130,2	52 300	104 700*					60,0
62,0	50,8	123,9	68 100	111 000*	54,9	126,9	58 500	106 900*	58,7	129,0	48 900	100 300*					62,0
64,0	49,0	122,2	64 300	106 000*	53,2	125,4	55 000	102 500*	57,1	127,7	45 800	96 100*					64,0
66,0	47,2	120,3	60 700	101 100*	51,5	123,8	51 700	98 400*	55,5	126,3	42 800	92 200*	59,2	127,8	34 100	86 200*	66,0
68,0	45,3	118,4	57 400	96 400*	49,7	122,2	48 700	94 500*	53,8	124,9	40 100	88 500*	57,6	126,6	31 600	82 600*	68,0
70,0	43,4	116,3	54 200	91 900*	47,9	120,4	45 800	90 900*	52,1	123,3	37 500	85 000*	55,9	125,2	29 200	79 300*	70,0
72,0	41,4	114,0	51 200	87 600*	46,1	118,5	43 100	87 400*	50,4	121,7	35 000	81 800*	54,3	123,8	27 000	76 200*	72,0
74,0	39,3	111,6	48 400	83 500*	44,2	116,4	40 500	84 100*	48,6	119,9	32 700	78 600*	52,6	122,3	24 900	73 200*	74,0
76,0	37,0	109,0	45 700	79 600*	42,2	114,2	38 000	81 000*	46,7	118,1	30 500	75 600*	50,9	120,7	23 000	70 300*	76,0
80,0	32,2	103,1	40 600	72 200*	37,9	109,4	33 500	75 100*	42,9	113,9	26 300	70 000*	47,3	117,1	19 300	64 900*	80,0
84,0	26,7	95,8	36 000	65 600*	33,2	103,6	29 300	69 700*	38,7	109,2	22 600	64 900*	43,5	113,1	15 900	60 100*	84,0
88,0	19,6	86,1	31 700	59 800*	27,8	96,7	25 400	64 800*	34,1	103,6	19 100	60 200*	39,4	108,4	12 800	55 700*	88,0
92,0					21,2	87,6	21 800	60 100*	28,9	96,9	15 900	55 900*	34,8	103,0	10 000	51 600*	92,0
96,0									22,5	88,3	12 900	51 800*	29,7	96,5	7 300	47 800*	96,0
100,0									13,5	75,5	9 800	47 900*	23,6	88,3	4 800	44 300*	100,0
104,0													15,2	76,4		40 800*	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).

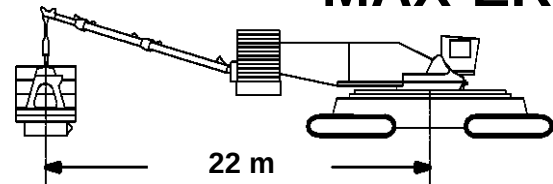
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	66,8	142,1	116 600	140 200*													44,2
46,0	65,6	141,2	109 600	134 900*	68,9	142,6	95 900	147 300*									46,0
48,0	64,2	140,3	102 600	129 100*	67,5	141,8	89 400	143 000*									48,0
50,0	62,8	139,2	96 100	123 300*	66,1	140,9	83 500	137 600*									50,0
52,0	61,4	138,1	90 200	117 600*	64,7	140,0	78 100	131 800*									52,0
54,0	59,9	137,0	84 700	112 100*	63,3	139,0	73 100	125 700*									54,0
56,0	58,4	135,8	79 600	106 800*	61,9	137,9	68 500	120 000*									56,0
58,0	56,9	134,5	75 000	101 600*	60,5	136,8	64 200	114 700*	63,8	138,2	53 700	107 500*					58,0
60,0	55,4	133,1	70 600	96 600*	59,0	135,6	60 300	109 800*	62,4	137,2	50 100	102 800*					60,0
62,0	53,9	131,6	66 500	91 800*	57,5	134,3	56 600	104 900*	61,0	136,1	46 700	98 400*					62,0
64,0	52,3	130,1	62 700	87 100*	56,0	133,0	53 100	99 700*	59,5	134,9	43 600	94 200*					64,0
66,0	50,7	128,5	59 100	82 700*	54,5	131,5	49 800	94 800*	58,1	133,7	40 600	90 300*					66,0
68,0	49,0	126,8	55 800	78 400*	52,9	130,0	46 800	90 000*	56,6	132,3	37 900	86 700*					68,0
70,0	47,3	124,9	52 600	74 200*	51,3	128,4	43 900	85 500*	55,0	130,9	35 300	83 200*	58,5	132,5	26 800	77 300*	70,0
72,0	45,6	123,0	49 600	70 300*	49,7	126,8	41 200	81 000*	53,5	129,5	32 800	79 900*	57,0	131,2	24 600	74 200*	72,0
74,0	43,8	120,9	46 800	66 500*	48,0	125,0	38 600	76 800*	51,9	127,9	30 500	76 800*	55,5	129,9	22 600	71 200*	74,0
76,0	41,9	118,7	44 100	62 900*	46,3	123,1	36 200	72 700*	50,3	126,3	28 300	73 900*	54,0	128,4	20 600	68 400*	76,0
80,0	38,0	113,8	39 100	56 000*	42,7	118,9	31 700	65 000*	46,9	122,7	24 300	68 300*	50,8	125,2	16 900	63 100*	80,0
84,0	33,6	108,1	34 600	49 800*	38,8	114,2	27 500	58 000*	43,3	118,6	20 500	63 300*	47,4	121,7	13 600	58 300*	84,0
88,0	28,7	101,3	30 400	44 100*	34,5	108,7	23 700	51 600*	39,5	113,9	17 100	58 600*	43,9	117,7	10 600	53 900*	88,0
92,0	22,7	92,8	26 400	39 000*	29,7	102,1	20 200	45 700*	35,3	108,6	14 000	53 100*	40,1	113,2	7 800	49 900*	92,0
96,0	14,6	80,5	22 600	34 500*	24,0	94,0	17 000	40 400*	30,6	102,3	11 100	47 100*	35,9	107,9	5 300	46 200*	96,0
100,0					16,6	82,8	13 800	35 800*	25,1	94,5	8 300	41 700*	31,3	101,8	2 800	42 800*	100,0
104,0									18,1	84,0	5 600	36 900*	26,0	94,2		39 500*	104,0
108,0													19,3	84,4		36 400*	108,0
112,0													8,3	67,3		33 200*	112,0

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

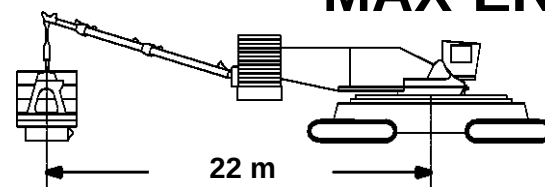
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3				c													18,3
20,0				c													20,0
22,0				c													22,0
24,0	65,3	97,3	281 300	349 500*b													24,0
26,0	61,8	96,2	253 900	321 300*b													26,0
28,0	58,1	95,0	231 000	297 300*b													28,0
30,0	54,2	93,6	211 400	276 300*b	64,1	96,2	191 900	263 600*b									30,0
32,0	50,2	91,9	194 500	257 900*	60,5	95,1	176 300	245 800*b									32,0
34,0	45,9	90,0	179 600	241 500*	56,8	93,8	162 800	230 300*b									34,0
36,0	41,2	87,8	166 400	226 800*	52,9	92,3	150 800	216 300*	62,7	94,5	135 100	205 800*b					36,0
38,0	36,0	85,1	154 600	213 600*	48,7	90,5	140 200	203 800*	59,1	93,3	125 400	193 800*b					38,0
40,0	30,0	81,8	143 900	201 600*	44,3	88,5	130 600	192 500*	55,3	92,0	116 800	183 100*b					40,0
42,0	22,4	77,5	134 000	190 400*	39,5	86,2	121 900	182 100*	51,3	90,4	109 000	173 300*					42,0
44,0	10,0	69,8	124 100	179 700*	34,0	83,3	114 000	172 600*	47,1	88,6	101 900	164 300*	57,4	91,1	89 600	155 900*b	44,0
46,0					27,6	79,8	106 500	163 800*	42,5	86,4	95 400	156 100*	53,6	89,6	83 800	148 100*b	46,0
48,0					19,2	74,8	99 400	155 500*	37,5	83,9	89 300	148 500*	49,5	87,9	78 500	141 000*	48,0
50,0									31,7	80,8	83 700	141 400*	45,1	86,0	73 500	134 300*	50,0
52,0									24,7	76,8	78 300	134 700*	40,3	83,7	68 900	128 100*	52,0
54,0									14,6	70,7	72 800	128 100*	35,0	80,9	64 600	122 300*	54,0
56,0													28,8	77,5	60 400	116 800*	56,0
58,0													20,8	72,9	56 300	111 500*	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).

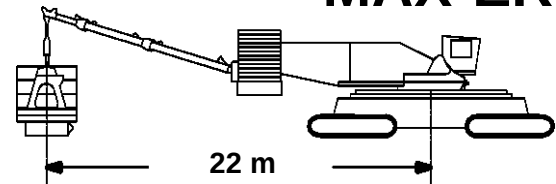
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0	69,1	104,0	280 800	348 000*b													24,0
26,0	66,1	103,1	253 300	319 900*b													26,0
28,0	63,1	102,1	230 400	296 000*b													28,0
30,0	60,0	100,9	210 800	275 100*b	68,1	102,9	190 300	261 800*b									30,0
32,0	56,8	99,6	193 900	256 800*	65,1	102,0	174 800	244 200*b									32,0
34,0	53,5	98,2	179 100	240 500*	62,1	100,9	161 400	228 700*b									34,0
36,0	50,0	96,5	166 100	226 000*	58,9	99,7	149 500	214 900*									36,0
38,0	46,3	94,6	154 500	212 900*	55,7	98,4	139 000	202 500*									38,0
40,0	42,4	92,5	144 100	201 100*	52,3	96,9	129 500	191 200*	60,9	99,3	114 900	181 300*b					40,0
42,0	38,1	90,0	134 700	190 300*	48,8	95,1	121 000	181 000*	57,7	98,0	107 200	171 600*					42,0
44,0	33,4	87,1	126 000	180 400*	45,0	93,2	113 300	171 700*	54,4	96,6	100 200	162 800*					44,0
46,0	27,9	83,5	118 100	171 300*	41,0	90,9	106 200	163 100*	51,0	95,0	93 800	154 700*	59,5	97,1	81 500	146 200*b	46,0
48,0	21,0	78,8	110 500	162 800*	36,6	88,3	99 600	155 200*	47,4	93,2	88 000	147 200*	56,3	95,7	76 300	139 100*	48,0
50,0	10,0	70,9	102 900	154 400*	31,6	85,2	93 600	147 800*	43,5	91,1	82 700	140 300*	52,9	94,2	71 600	132 600*	50,0
52,0					25,7	81,3	87 800	140 900*	39,3	88,7	77 700	133 800*	49,4	92,5	67 100	126 600*	52,0
54,0					18,1	76,0	82 200	134 300*	34,7	85,9	73 000	127 800*	45,7	90,6	63 000	120 900*	54,0
56,0									29,5	82,6	68 500	122 200*	41,7	88,4	59 100	115 600*	56,0
58,0									23,1	78,3	64 200	116 700*	37,3	85,9	55 500	110 600*	58,0
60,0									14,0	71,8	59 800	111 400*	32,5	82,9	52 000	105 900*	60,0
62,0													26,8	79,1	48 700	101 500*	62,0
64,0													19,6	74,2	45 300	97 100*	64,0

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

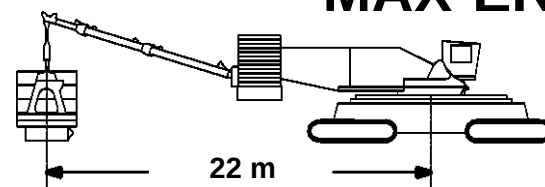
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	71,3	110,3	275 200	341 000 b													24,4
26,0	69,3	109,7	253 400	318 900 b													26,0
28,0	66,7	108,9	230 400	294 900 b													28,0
30,0	64,1	107,9	210 800	274 100*													30,0
32,0	61,5	106,8	193 800	255 900*	68,4	108,7	173 900	242 800 b									32,0
34,0	58,7	105,6	179 000	239 600*	65,8	107,8	160 500	227 400 b									34,0
36,0	55,9	104,3	166 000	225 200*	63,2	106,8	148 700	213 700*									36,0
38,0	52,9	102,8	154 400	212 200*	60,5	105,7	138 200	201 300*									38,0
40,0	49,9	101,1	144 000	200 400*	57,8	104,4	128 800	190 200*									40,0
42,0	46,7	99,2	134 700	189 700*	54,9	103,0	120 300	180 000*	62,2	105,1	106 000	170 300*					42,0
44,0	43,3	97,2	126 200	180 000*	51,9	101,5	112 700	170 800*	59,5	104,0	99 000	161 500*					44,0
46,0	39,6	94,8	118 500	171 100*	48,8	99,7	105 600	162 300*	56,7	102,7	92 700	153 400*					46,0
48,0	35,7	92,1	111 400	162 800*	45,5	97,8	99 200	154 500*	53,8	101,2	87 000	146 100*					48,0
50,0	31,3	88,9	104 800	155 200*	42,1	95,6	93 400	147 200*	50,7	99,6	81 700	139 200*	58,2	101,7	70 100	131 200*	50,0
52,0	26,2	85,1	98 600	148 000*	38,3	93,2	87 900	140 600*	47,6	97,8	76 800	132 900*	55,4	100,4	65 700	125 200*	52,0
54,0	19,9	80,1	92 700	141 200*	34,3	90,3	82 800	134 300*	44,2	95,8	72 200	127 000*	52,4	98,8	61 700	119 700*	54,0
56,0	10,0	72,0	86 600	134 500*	29,7	87,0	78 000	128 400*	40,7	93,5	68 000	121 500*	49,3	97,1	57 900	114 500*	56,0
58,0					24,3	82,8	73 400	122 900*	36,8	90,9	64 100	116 300*	46,1	95,2	54 400	109 600*	58,0
60,0					17,2	77,2	68 900	117 500*	32,6	87,9	60 300	111 400*	42,7	93,1	51 100	105 000*	60,0
62,0									27,7	84,2	56 700	106 800*	39,0	90,7	48 000	100 700*	62,0
64,0									21,8	79,7	53 200	102 400*	35,0	87,9	45 000	96 700*	64,0
66,0									13,5	72,9	49 500	98 000*	30,5	84,7	42 200	92 800*	66,0
68,0													25,2	80,7	39 400	89 100*	68,0
70,0													18,6	75,4	36 700	85 400*	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).

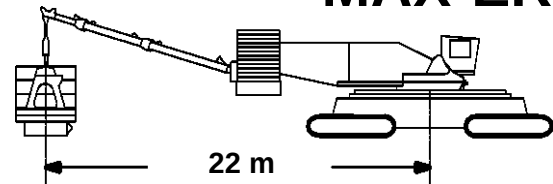
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	71,8	116,3	253 500	310 700* b													25,9
26,0	71,7	116,2	252 400	310 000* b													26,0
28,0	69,5	115,5	229 200	294 200* b													28,0
30,0	67,2	114,7	209 500	272 500*													30,0
32,0	64,9	113,7	192 500	254 300*													32,0
34,0	62,5	112,7	177 700	238 100*	68,7	114,4	158 700	225 600* b									34,0
36,0	60,1	111,5	164 700	223 700*	66,4	113,6	146 700	211 800*									36,0
38,0	57,7	110,3	153 100	210 800*	64,1	112,6	136 300	199 500*									38,0
40,0	55,1	108,9	142 800	199 100*	61,7	111,5	126 900	188 400*									40,0
42,0	52,5	107,4	133 500	188 500*	59,3	110,4	118 500	178 300*									42,0
44,0	49,8	105,7	125 100	178 800*	56,8	109,1	110 900	169 100*	63,2	111,0	96 700	159 500*					44,0
46,0	46,9	103,9	117 400	169 900*	54,2	107,6	103 900	160 700*	60,8	109,9	90 500	151 500*					46,0
48,0	44,0	101,8	110 400	161 700*	51,6	106,1	97 600	152 900*	58,4	108,7	84 800	144 200*					48,0
50,0	40,8	99,5	103 900	154 100*	48,8	104,3	91 800	145 800*	55,8	107,3	79 600	137 400*					50,0
52,0	37,4	97,0	98 000	147 200*	45,9	102,4	86 400	139 200*	53,2	105,8	74 800	131 100*	59,7	107,7	63 200	123 200*	52,0
54,0	33,7	94,1	92 400	140 600*	42,9	100,3	81 400	133 000*	50,5	104,2	70 300	125 300*	57,2	106,4	59 200	117 700*	54,0
56,0	29,6	90,7	87 200	134 500*	39,7	97,9	76 800	127 200*	47,7	102,4	66 100	119 800*	54,7	105,0	55 600	112 500*	56,0
58,0	24,9	86,6	82 300	127 900*	36,2	95,3	72 400	121 800*	44,8	100,4	62 300	114 800*	52,0	103,4	52 100	107 700*	58,0
60,0	19,0	81,4	77 500	122 100*	32,4	92,2	68 300	116 700*	41,7	98,2	58 600	110 000*	49,3	101,7	48 900	103 200*	60,0
62,0	10,1	73,1	72 600	117 400*	28,1	88,6	64 400	111 900*	38,4	95,7	55 200	105 500*	46,4	99,9	45 900	99 000*	62,0
64,0					23,1	84,2	60 700	107 400*	34,8	92,9	52 000	101 300*	43,4	97,8	43 100	95 000*	64,0
66,0					16,5	78,4	56 900	102 900*	30,8	89,7	48 900	97 200*	40,2	95,5	40 400	91 200*	66,0
68,0									26,3	85,8	45 900	93 400*	36,8	92,8	37 800	87 700*	68,0
70,0									20,8	81,0	43 000	89 700*	33,0	89,9	35 400	84 200*	70,0
72,0									13,2	74,0	40 000	85 900*	28,8	86,4	33 000	80 900*	72,0
74,0													24,0	82,2	30 700	77 700*	74,0
76,0													17,8	76,6	28 300	74 600*	76,0

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

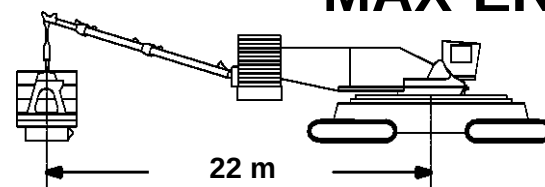
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	70,7	121,7	218 500	270 100*													29,0
30,0	69,6	121,2	208 700	266 700*													30,0
32,0	67,6	120,4	191 500	253 100*													32,0
34,0	65,5	119,5	176 700	236 900*													34,0
36,0	63,4	118,5	163 600	222 500*	68,9	120,2	145 400	210 500*									36,0
38,0	61,3	117,4	152 100	209 600*	66,9	119,4	134 800	198 100*									38,0
40,0	59,1	116,2	141 700	197 900*	64,8	118,4	125 500	187 000*									40,0
42,0	56,8	114,9	132 500	187 300*	62,7	117,4	117 000	176 900*									42,0
44,0	54,5	113,5	124 100	177 700*	60,5	116,3	109 500	167 800*									44,0
46,0	52,2	112,0	116 500	168 900*	58,3	115,1	102 500	159 400*	64,0	116,8	88 800	150 000*					46,0
48,0	49,7	110,3	109 500	160 700*	56,1	113,7	96 200	151 700*	61,9	115,8	83 100	142 700*					48,0
50,0	47,2	108,5	103 100	153 200*	53,7	112,2	90 500	144 600*	59,7	114,6	77 900	136 000*					50,0
52,0	44,5	106,5	97 200	146 200*	51,3	110,7	85 200	138 000*	57,5	113,3	73 100	129 700*					52,0
54,0	41,7	104,2	91 700	139 800*	48,8	108,9	80 200	131 900*	55,2	111,9	68 700	123 900*					54,0
56,0	38,7	101,8	86 700	133 500*	46,3	107,1	75 600	126 200*	52,8	110,4	64 600	118 500*	58,7	112,4	53 700	111 000*	56,0
58,0	35,5	99,1	81 900	126 500*	43,6	105,0	71 400	120 800*	50,4	108,8	60 800	113 500*	56,4	111,0	50 300	106 300*	58,0
60,0	32,1	96,0	77 500	119 900*	40,7	102,7	67 400	115 800*	47,9	107,0	57 300	108 800*	54,1	109,6	47 200	101 800*	60,0
62,0	28,2	92,4	73 200	113 800*	37,7	100,1	63 600	111 100*	45,2	105,1	53 900	104 300*	51,7	108,0	44 200	97 600*	62,0
64,0	23,8	88,1	69 200	108 400*	34,4	97,3	60 100	106 700*	42,5	102,9	50 800	100 200*	49,3	106,3	41 500	93 600*	64,0
66,0	18,3	82,6	65 300	103 900*	30,8	94,1	56 700	102 500*	39,6	100,5	47 800	96 200*	46,7	104,5	38 800	90 000*	66,0
68,0	10,1	74,1	61 200	101 000*	26,8	90,3	53 500	98 500*	36,4	97,9	45 000	92 500*	44,0	102,4	36 400	86 400*	68,0
70,0					22,1	85,7	50 400	94 600*	33,1	94,9	42 300	88 900*	41,2	100,2	34 000	83 100*	70,0
72,0					16,0	79,5	47 300	90 900*	29,3	91,4	39 700	85 600*	38,2	97,7	31 700	79 900*	72,0
74,0									25,1	87,4	37 200	82 300*	35,0	94,9	29 600	76 800*	74,0
76,0									19,9	82,3	34 700	79 100*	31,4	91,7	27 500	73 900*	76,0
80,0													22,9	83,6	23 600	68 300*	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).

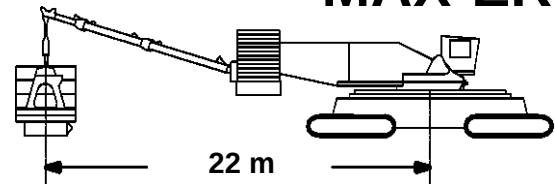
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,7	127,0	190 600	235 000*													32,0
34,0	67,9	126,2	175 700	228 400*													34,0
36,0	66,0	125,3	162 500	219 600*													36,0
38,0	64,1	124,3	150 900	208 100*													38,0
40,0	62,2	123,3	140 500	196 300*	67,2	125,2	123 700	185 100*									40,0
42,0	60,2	122,2	131 200	185 800*	65,4	124,2	115 300	175 100*									42,0
44,0	58,2	120,9	122 800	176 100*	63,5	123,2	107 700	166 000*									44,0
46,0	56,1	119,6	115 100	167 300*	61,5	122,2	100 700	157 600*									46,0
48,0	54,0	118,2	108 200	159 200*	59,5	121,0	94 400	149 900*									48,0
50,0	51,9	116,6	101 800	151 700*	57,5	119,7	88 700	142 800*	62,7	121,6	75 700	134 000*					50,0
52,0	49,6	114,9	95 900	144 800*	55,4	118,3	83 300	136 300*	60,8	120,5	70 900	127 700*					52,0
54,0	47,3	113,1	90 400	138 400*	53,3	116,9	78 400	130 200*	58,8	119,3	66 500	122 000*					54,0
56,0	44,9	111,1	85 400	132 400*	51,1	115,3	73 900	124 500*	56,7	118,0	62 400	116 600*					56,0
58,0	42,4	108,9	80 700	125 700*	48,9	113,5	69 700	119 200*	54,6	116,6	58 700	111 600*	59,9	118,3	47 800	104 100*	58,0
60,0	39,8	106,6	76 300	119 200*	46,5	111,7	65 700	114 300*	52,5	115,0	55 100	106 900*	57,8	117,0	44 700	99 700*	60,0
62,0	37,0	104,0	72 200	113 100*	44,1	109,6	62 000	109 600*	50,3	113,4	51 800	102 600*	55,8	115,7	41 800	95 600*	62,0
64,0	33,9	101,1	68 300	107 400*	41,5	107,4	58 500	105 200*	48,0	111,6	48 700	98 400*	53,7	114,2	39 100	91 700*	64,0
66,0	30,7	97,8	64 600	102 200*	38,8	104,9	55 200	101 100*	45,6	109,7	45 800	94 500*	51,5	112,7	36 500	88 000*	66,0
68,0	27,0	94,0	61 100	97 500*	35,9	102,2	52 100	97 200*	43,1	107,6	43 100	90 800*	49,2	110,9	34 100	84 500*	68,0
70,0	22,8	89,6	57 700	93 300*	32,9	99,2	49 200	93 500*	40,5	105,3	40 500	87 400*	46,9	109,1	31 800	81 300*	70,0
72,0	17,7	83,9	54 400	89 900*	29,5	95,8	46 400	89 900*	37,7	102,7	38 000	84 000*	44,5	107,1	29 600	78 100*	72,0
74,0	10,1	75,2	51 000	87 500*	25,7	91,8	43 600	86 600*	34,8	99,9	35 600	80 900*	42,0	104,9	27 500	75 100*	74,0
76,0					21,2	87,0	41 000	83 300*	31,6	96,7	33 300	77 900*	39,3	102,5	25 500	72 200*	76,0
80,0									24,0	88,9	29 000	72 100*	33,4	96,9	21 800	66 900*	80,0
84,0									12,7	76,2	24 500	66 400*	26,3	89,7	18 300	61 900*	84,0
88,0													16,6	79,0	14 800	57 200*	88,0

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

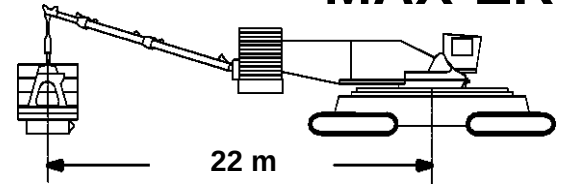
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

**21000
MAX-ER**

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,9	132,4	167 100	205 900*													35,1
36,0	68,1	132,0	161 100	203 400*													36,0
38,0	66,4	131,1	149 400	197 000*													38,0
40,0	64,7	130,2	139 000	189 900*	69,2	131,8	121 900	183 400*									40,0
42,0	62,9	129,1	129 600	182 500*	67,5	130,9	113 400	173 400*									42,0
44,0	61,1	128,0	121 200	174 600*	65,8	130,0	105 800	164 300*									44,0
46,0	59,3	126,9	113 500	165 900*	64,1	129,1	98 900	156 000*									46,0
48,0	57,5	125,6	106 600	157 800*	62,3	128,0	92 600	148 300*									48,0
50,0	55,6	124,2	100 200	150 300*	60,5	126,9	86 800	141 200*									50,0
52,0	53,6	122,8	94 300	143 400*	58,7	125,7	81 500	134 700*	63,4	127,4	68 800	126 000*					52,0
54,0	51,6	121,2	88 900	137 000*	56,8	124,4	76 600	128 600*	61,6	126,4	64 500	120 300*					54,0
56,0	49,6	119,5	83 900	131 100*	54,9	123,0	72 100	123 000*	59,8	125,2	60 400	114 900*					56,0
58,0	47,5	117,7	79 200	125 100*	53,0	121,5	67 900	117 700*	58,0	124,0	56 600	110 000*					58,0
60,0	45,3	115,7	74 800	118 900*	50,9	119,9	64 000	112 800*	56,1	122,6	53 100	105 300*					60,0
62,0	43,0	113,6	70 800	113 100*	48,9	118,1	60 300	108 200*	54,2	121,2	49 900	100 900*	59,0	123,0	39 600	93 800*	62,0
64,0	40,6	111,3	66 900	107 700*	46,7	116,3	56 800	103 800*	52,2	119,7	46 800	96 800*	57,1	121,7	36 900	90 000*	64,0
66,0	38,1	108,8	63 300	102 500*	44,5	114,3	53 600	99 700*	50,2	118,0	43 900	93 000*	55,2	120,3	34 300	86 300*	66,0
68,0	35,4	106,0	59 900	97 800*	42,2	112,1	50 500	95 800*	48,1	116,2	41 200	89 300*	53,3	118,8	32 000	82 800*	68,0
70,0	32,6	103,0	56 700	93 300*	39,8	109,7	47 600	92 200*	45,9	114,3	38 600	85 900*	51,3	117,2	29 700	79 600*	70,0
72,0	29,5	99,6	53 600	89 200*	37,2	107,1	44 900	88 700*	43,6	112,2	36 200	82 600*	49,2	115,5	27 500	76 500*	72,0
74,0	26,0	95,6	50 600	85 500*	34,5	104,3	42 300	85 400*	41,3	110,0	33 900	79 500*	47,1	113,7	25 500	73 500*	74,0
76,0	22,0	90,9	47 800	82 200*	31,5	101,1	39 800	82 200*	38,8	107,5	31 600	76 500*	44,9	111,7	23 600	70 700*	76,0
80,0					24,7	93,4	35 100	76 300*	33,4	101,9	27 500	70 900*	40,2	107,2	20 000	65 400*	80,0
84,0					15,1	81,8	30 500	70 600*	27,0	94,8	23 700	65 700*	34,9	101,9	16 600	60 600*	84,0
88,0									18,6	84,9	20 000	60 800*	28,9	95,2	13 500	56 200*	88,0
92,0													21,3	86,4	10 500	52 000*	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).

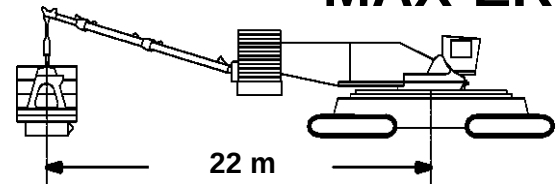
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,3	137,7	147 100	180 100*													38,1
40,0	66,8	136,9	137 300	176 300*													40,0
42,0	65,2	136,0	127 900	170 600*	69,4	137,5	111 300	171 500*									42,0
44,0	63,6	135,0	119 500	164 700*	67,8	136,7	103 600	162 400*									44,0
46,0	61,9	133,9	111 800	158 700*	66,2	135,8	96 700	154 100*									46,0
48,0	60,3	132,8	104 800	152 500*	64,6	134,9	90 400	146 400*									48,0
50,0	58,6	131,6	98 500	146 300*	63,0	133,9	84 700	139 400*									50,0
52,0	56,8	130,2	92 600	140 200*	61,4	132,8	79 400	132 900*									52,0
54,0	55,1	128,9	87 200	134 100*	59,7	131,6	74 500	126 800*	64,0	133,3	62 000	118 300*					54,0
56,0	53,3	127,4	82 100	128 200*	58,0	130,4	70 000	121 200*	62,4	132,2	58 000	113 000*					56,0
58,0	51,4	125,8	77 500	122 400*	56,2	129,0	65 800	116 000*	60,7	131,1	54 300	108 000*					58,0
60,0	49,5	124,1	73 100	116 900*	54,5	127,6	61 900	111 000*	59,0	129,9	50 700	103 400*					60,0
62,0	47,6	122,3	69 100	111 600*	52,7	126,1	58 300	106 400*	57,3	128,6	47 500	99 000*					62,0
64,0	45,6	120,3	65 300	106 400*	50,8	124,5	54 800	102 100*	55,6	127,3	44 500	94 900*	60,0	128,9	34 300	87 900*	64,0
66,0	43,5	118,3	61 700	101 600*	48,9	122,7	51 700	98 000*	53,8	125,8	41 600	91 100*	58,3	127,7	31 800	84 300*	66,0
68,0	41,3	116,0	58 400	97 000*	46,9	120,9	48 600	94 200*	51,9	124,3	38 900	87 500*	56,5	126,4	29 400	80 800*	68,0
70,0	39,0	113,6	55 200	92 600*	44,9	118,9	45 800	90 600*	50,1	122,6	36 400	84 000*	54,8	124,9	27 200	77 600*	70,0
72,0	36,6	110,9	52 200	88 500*	42,8	116,8	43 000	87 100*	48,1	120,8	34 000	80 800*	53,0	123,4	25 100	74 600*	72,0
74,0	34,1	108,1	49 300	84 700*	40,5	114,4	40 500	83 900*	46,1	118,9	31 700	77 700*	51,1	121,8	23 100	71 600*	74,0
76,0	31,4	104,8	46 500	81 200*	38,2	111,9	38 100	80 800*	44,1	116,9	29 600	74 800*	49,2	120,1	21 200	68 800*	76,0
80,0	25,1	97,2	41 400	74 900*	33,2	106,2	33 500	75 000*	39,7	112,3	25 500	69 300*	45,2	116,3	17 600	63 600*	80,0
84,0	16,7	86,3	36 500	70 100*	27,3	99,2	29 300	69 600*	34,8	106,9	21 900	64 200*	40,9	111,9	14 400	58 900*	84,0
88,0					19,9	89,7	25 300	64 500*	29,2	100,3	18 400	59 500*	36,2	106,8	11 500	54 500*	88,0
92,0									22,4	91,8	15 200	55 200*	30,9	100,6	8 700	50 500*	92,0
96,0									12,3	78,3	11 700	50 900*	24,5	92,7	6 000	46 700*	96,0
100,0													15,8	81,3	3 400	43 100*	100,0

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

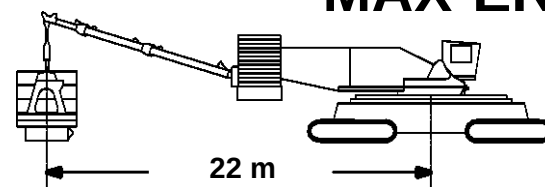
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	67,7	143,0	130 900	157 300*													41,1
42,0	67,1	142,7	127 100	156 800*													42,0
44,0	65,6	141,8	118 500	153 600*													44,0
46,0	64,1	140,8	110 800	148 800*	68,0	142,5	95 400	152 600*									46,0
48,0	62,6	139,8	103 800	144 000*	66,6	141,6	89 100	144 900*									48,0
50,0	61,1	138,7	97 300	139 100*	65,1	140,7	83 300	137 900*									50,0
52,0	59,5	137,5	91 400	134 100*	63,6	139,7	77 900	131 400*									52,0
54,0	57,9	136,2	86 000	129 100*	62,1	138,6	73 000	125 400*									54,0
56,0	56,3	134,9	81 000	124 000*	60,5	137,5	68 500	119 700*									56,0
58,0	54,7	133,5	76 300	118 900*	59,0	136,3	64 300	114 500*	63,0	138,1	52 500	106 400*					58,0
60,0	53,0	132,0	71 900	114 100*	57,4	135,0	60 400	109 600*	61,5	137,0	49 000	101 800*					60,0
62,0	51,3	130,4	67 900	109 000*	55,7	133,7	56 800	105 000*	59,9	135,8	45 800	97 500*					62,0
64,0	49,5	128,7	64 100	104 200*	54,1	132,2	53 400	100 700*	58,3	134,6	42 700	93 400*					64,0
66,0	47,7	126,9	60 500	99 500*	52,4	130,7	50 100	96 700*	56,7	133,3	39 900	89 600*					66,0
68,0	45,8	125,0	57 100	95 000*	50,7	129,1	47 100	92 900*	55,1	131,9	37 200	86 000*	59,2	133,6	27 500	79 200*	68,0
70,0	43,9	122,9	53 900	90 700*	48,9	127,3	44 300	89 200*	53,4	130,4	34 700	82 600*	57,6	132,4	25 200	76 000*	70,0
72,0	41,9	120,7	50 900	86 500*	47,1	125,5	41 600	85 800*	51,7	128,9	32 300	79 300*	56,0	131,0	23 200	73 000*	72,0
74,0	39,8	118,3	48 100	82 500*	45,2	123,5	39 000	82 600*	50,0	127,2	30 000	76 300*	54,4	129,6	21 200	70 100*	74,0
76,0	37,6	115,8	45 400	78 700*	43,2	121,4	36 600	79 500*	48,2	125,4	27 900	73 400*	52,7	128,1	19 300	67 300*	76,0
80,0	32,9	110,0	40 400	71 500*	39,1	116,7	32 200	73 700*	44,4	121,5	23 900	67 900*	49,2	124,7	15 800	62 100*	80,0
84,0	27,5	102,9	35 800	65 100*	34,5	111,2	28 000	68 500*	40,4	117,0	20 300	62 900*	45,5	121,0	12 700	57 400*	84,0
88,0	20,7	93,7	31 400	59 300*	29,4	104,7	24 300	63 600*	36,0	111,8	17 000	58 300*	41,5	116,7	9 700	53 100*	88,0
92,0					23,1	96,3	20 700	59 000*	31,0	105,6	13 900	54 100*	37,3	111,7	7 000	49 200*	92,0
96,0					14,5	84,1	17 200	54 700*	25,2	97,9	11 000	50 200*	32,5	105,8	4 500	45 500*	96,0
100,0									17,6	87,3	8 100	46 400*	26,9	98,6	2 100	42 100*	100,0
104,0													20,0	89,0		38 900*	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).

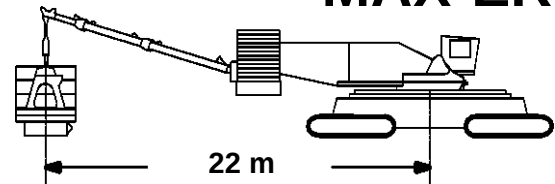
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	67,2	148,4	115 900	137 800*													44,2
46,0	65,9	147,6	108 900	134 600*	69,6	149,0	93 200	139 700*									46,0
48,0	64,6	146,6	101 900	129 000*	68,2	148,2	86 800	139 700*									48,0
50,0	63,2	145,6	95 500	123 500*	66,9	147,4	81 000	135 900*									50,0
52,0	61,7	144,5	89 600	118 000*	65,5	146,5	75 700	129 500*									52,0
54,0	60,3	143,4	84 100	112 600*	64,1	145,5	70 900	123 500*									54,0
56,0	58,8	142,2	79 100	107 500*	62,7	144,5	66 300	117 900*									56,0
58,0	57,3	140,9	74 400	102 300*	61,2	143,4	62 100	112 700*	64,9	144,9	50 000	104 400*					58,0
60,0	55,8	139,6	70 100	97 400*	59,8	142,2	58 300	107 800*	63,5	143,9	46 600	99 800*					60,0
62,0	54,3	138,1	66 000	92 600*	58,3	141,0	54 600	103 300*	62,1	142,8	43 300	95 500*					62,0
64,0	52,7	136,6	62 200	88 000*	56,8	139,7	51 200	99 000*	60,7	141,7	40 300	91 500*					64,0
66,0	51,1	135,0	58 600	83 600*	55,3	138,3	48 000	94 900*	59,2	140,5	37 500	87 700*					66,0
68,0	49,5	133,3	55 300	79 300*	53,8	136,9	45 000	91 100*	57,8	139,3	34 800	84 100*					68,0
70,0	47,8	131,5	52 100	75 200*	52,2	135,3	42 200	87 500*	56,2	137,9	32 300	80 700*					70,0
72,0	46,0	129,6	49 200	71 200*	50,6	133,7	39 500	83 300*	54,7	136,5	30 000	77 500*	58,6	138,3	20 600	70 900*	72,0
74,0	44,3	127,6	46 400	67 400*	48,9	131,9	37 000	79 000*	53,2	135,0	27 700	74 400*	57,1	137,0	18 600	68 100*	74,0
76,0	42,4	125,4	43 700	63 800*	47,2	130,1	34 600	74 800*	51,6	133,5	25 600	71 500*	55,6	135,6	16 800	65 300*	76,0
80,0	38,5	120,6	38 700	56 900*	43,6	126,1	30 200	67 000*	48,2	130,0	21 700	66 200*	52,4	132,7	13 300	60 200*	80,0
84,0	34,2	115,0	34 200	50 600*	39,8	121,5	26 100	59 900*	44,8	126,1	18 100	61 200*	49,2	129,3	10 200	55 500*	84,0
88,0	29,4	108,4	30 000	44 900*	35,7	116,2	22 400	53 300*	41,0	121,7	14 900	56 700*	45,7	125,6	7 400	51 300*	88,0
92,0	23,6	100,2	26 100	39 600*	31,0	110,0	19 000	47 300*	37,0	116,7	11 800	52 500*	42,1	121,3	4 700	47 400*	92,0
96,0	16,0	88,6	22 400	35 100*	25,6	102,3	15 800	41 900*	32,5	110,8	9 000	48 700*	38,1	116,5	2 300	43 800*	96,0
100,0					18,8	92,2	12 700	37 000*	27,4	103,7	6 400	44 000*	33,8	110,8		40 500*	100,0
104,0									21,1	94,5	3 800	38 800*	28,9	104,1		37 400*	104,0
108,0									12,0	80,5		34 600*	23,0	95,7		34 400*	108,0
112,0													15,1	83,7		31 500*	112,0

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

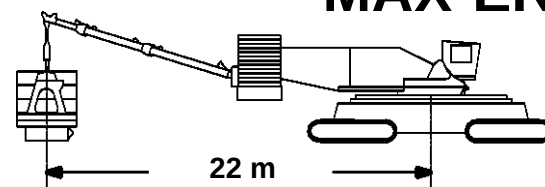
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0				c													24,0
26,0	62,7	102,6	253 400	319 500*b													26,0
28,0	59,1	101,4	230 500	295 600*b													28,0
30,0	55,3	100,0	211 000	274 800*b													30,0
32,0	51,3	98,4	194 100	256 400*	62,4	101,7	173 300	242 700*b									32,0
34,0	47,0	96,6	179 200	240 100*	58,8	100,5	159 900	227 300*b									34,0
36,0	42,5	94,5	166 100	225 600*	55,0	99,1	148 200	213 600*b									36,0
38,0	37,4	92,0	154 300	212 400*	51,0	97,5	137 700	201 200*	62,0	100,2	120 700	189 800*b					38,0
40,0	31,7	88,9	143 700	200 500*	46,7	95,6	128 300	190 000*	58,3	99,0	112 300	179 200*b					40,0
42,0	24,6	84,9	133 800	189 500*	42,1	93,5	119 700	179 800*	54,5	97,6	104 800	169 600*b					42,0
44,0	14,5	78,7	124 400	179 100*	37,0	90,9	111 900	170 500*	50,5	95,9	98 000	160 900*					44,0
46,0					31,2	87,8	104 700	161 800*	46,1	94,0	91 700	152 900*	57,6	96,9	78 300	143 700*b	46,0
48,0					24,0	83,7	97 900	153 700*	41,5	91,8	85 900	145 400*	53,7	95,4	73 300	136 700*b	48,0
50,0					13,3	77,2	91 000	145 900*	36,3	89,2	80 500	138 500*	49,6	93,8	68 600	130 300*	50,0
52,0									30,4	86,0	75 400	132 000*	45,3	91,8	64 200	124 200*	52,0
54,0									23,0	81,7	70 400	125 800*	40,5	89,5	60 200	118 700*	54,0
56,0									11,2	74,5	65 100	119 600*	35,2	86,8	56 300	113 400*	56,0
58,0													29,1	83,4	52 600	108 400*	58,0
60,0													21,2	78,8	48 900	103 600*	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).

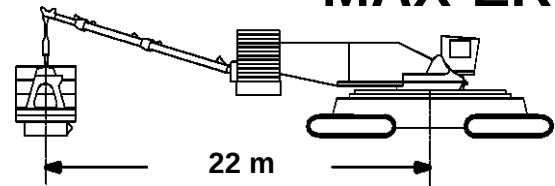
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0				c													24,0
26,0	66,9	109,4	253 300	318 200*b													26,0
28,0	63,9	108,4	230 300	294 300*b													28,0
30,0	60,9	107,3	210 700	273 500*b													30,0
32,0	57,7	106,1	193 800	255 300*	66,7	108,5	171 900	240 900*b									32,0
34,0	54,4	104,7	179 000	239 100*	63,7	107,5	158 600	225 600*b									34,0
36,0	51,0	103,0	165 900	224 700*	60,6	106,4	146 900	212 000*b									36,0
38,0	47,3	101,2	154 300	211 700*	57,4	105,1	136 500	199 700*									38,0
40,0	43,5	99,2	143 900	199 900*	54,1	103,7	127 200	188 600*	63,3	106,0	110 500	177 300*b					40,0
42,0	39,3	96,8	134 400	189 200*	50,7	102,1	118 800	178 600*	60,2	104,9	103 000	167 800*b					42,0
44,0	34,7	94,0	125 900	179 400*	47,0	100,2	111 200	169 400*	57,0	103,6	96 200	159 200*					44,0
46,0	29,4	90,6	117 900	170 300*	43,2	98,2	104 200	160 900*	53,7	102,2	90 100	151 200*					46,0
48,0	23,0	86,3	110 500	161 900*	39,0	95,8	97 800	153 100*	50,2	100,5	84 400	143 900*					48,0
50,0	13,9	79,8	103 200	153 800*	34,3	92,9	91 800	145 800*	46,6	98,7	79 200	137 100*	56,4	101,5	66 500	128 400*	50,0
52,0					29,0	89,5	86 200	139 100*	42,7	96,5	74 400	130 800*	53,1	100,0	62 300	122 500*	52,0
54,0					22,5	85,1	80 900	132 700*	38,4	94,1	69 900	125 000*	49,5	98,3	58 300	117 000*	54,0
56,0					12,9	78,2	75 400	126 400*	33,7	91,2	65 600	119 500*	45,8	96,4	54 700	111 900*	56,0
58,0									28,2	87,7	61 600	114 300*	41,9	94,2	51 300	107 100*	58,0
60,0									21,5	83,1	57 600	109 300*	37,5	91,7	48 000	102 500*	60,0
62,0									11,1	75,6	53 300	104 200*	32,7	88,7	44 900	98 300*	62,0
64,0													27,1	85,1	41 900	94 200*	64,0
66,0													19,9	80,1	38 900	90 200*	66,0

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

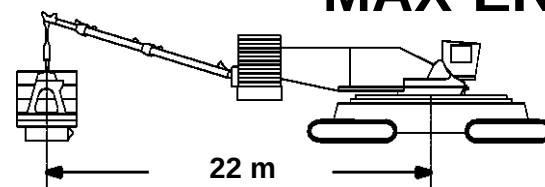
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	70,1	116,0	254 100	310 300 b													25,9
26,0	70,0	116,0	253 000	309 700 b													26,0
28,0	67,4	115,2	229 800	294 100 b													28,0
30,0	64,8	114,2	210 200	272 500 b													30,0
32,0	62,2	113,2	193 300	254 300*	69,8	115,1	170 600	239 500 b									32,0
34,0	59,4	112,0	178 500	238 200*	67,2	114,3	157 400	224 300 b									34,0
36,0	56,6	110,7	165 400	223 800*	64,6	113,3	145 700	210 700 b									36,0
38,0	53,7	109,3	153 900	210 900*	62,0	112,3	135 400	198 500*									38,0
40,0	50,7	107,6	143 600	199 200*	59,2	111,1	126 200	187 500*									40,0
42,0	47,5	105,8	134 200	188 600*	56,4	109,8	117 800	177 500*									42,0
44,0	44,2	103,8	125 800	178 900*	53,5	108,3	110 300	168 400*	61,6	110,8	94 800	157 800*					44,0
46,0	40,6	101,5	118 100	170 000*	50,5	106,7	103 400	160 000*	58,9	109,6	88 600	149 900*					46,0
48,0	36,8	98,9	111 000	160 600*	47,3	104,9	97 100	152 300*	56,1	108,3	83 100	142 700*					48,0
50,0	32,5	95,9	104 400	150 900*	43,9	102,8	91 300	145 200*	53,1	106,8	78 000	136 000*					50,0
52,0	27,7	92,3	98 300	142 400*	40,4	100,5	85 900	138 600*	50,1	105,1	73 200	129 800*	58,3	107,5	60 600	121 100*	52,0
54,0	21,8	87,7	92 500	135 300*	36,5	97,9	80 900	132 400*	46,9	103,3	68 900	124 000*	55,5	106,2	56 800	115 600*	54,0
56,0	13,4	80,9	86 700	130 100*	32,2	94,8	76 200	126 600*	43,5	101,2	64 800	118 600*	52,5	104,6	53 200	110 600*	56,0
58,0					27,2	91,1	71 800	121 100*	39,9	98,9	61 000	113 600*	49,5	102,9	49 900	105 900*	58,0
60,0					21,2	86,4	67 500	115 900*	36,0	96,2	57 300	108 900*	46,2	101,1	46 800	101 500*	60,0
62,0					12,6	79,3	63 100	110 800*	31,6	93,1	53 900	104 300*	42,8	98,9	43 900	97 300*	62,0
64,0									26,6	89,3	50 600	100 100*	39,1	96,5	41 100	93 400*	64,0
66,0									20,4	84,4	47 300	95 900*	35,1	93,8	38 400	89 600*	66,0
68,0									11,0	76,6	43 800	91 700*	30,7	90,5	35 900	86 100*	68,0
70,0													25,5	86,6	33 400	82 600*	70,0
72,0													18,9	81,4	30 900	79 200*	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).

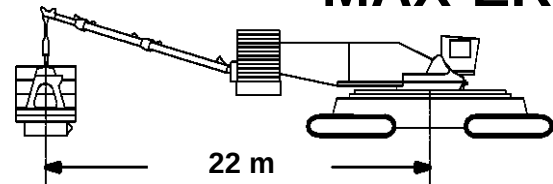
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	70,7	122,0	234 800	280 400 b													27,4
28,0	70,1	121,8	228 800	277 300 b													28,0
30,0	67,8	120,9	208 900	265 800 b													30,0
32,0	65,5	120,1	191 900	252 700*													32,0
34,0	63,2	119,0	177 100	236 600*													34,0
36,0	60,8	117,9	164 100	222 300*	67,6	120,1	143 800	208 900 b									36,0
38,0	58,3	116,7	152 600	209 400*	65,3	119,1	133 400	196 700*									38,0
40,0	55,8	115,3	142 200	197 800*	63,0	118,1	124 200	185 700*									40,0
42,0	53,2	113,9	133 000	187 300*	60,6	117,0	115 900	175 700*									42,0
44,0	50,5	112,2	124 600	177 600*	58,1	115,8	108 400	166 600*									44,0
46,0	47,7	110,4	116 900	168 100*	55,6	114,4	101 600	158 400*	62,7	116,7	86 200	147 900*					46,0
48,0	44,8	108,5	109 900	158 000*	53,0	112,9	95 300	150 700*	60,3	115,5	80 800	140 700*					48,0
50,0	41,7	106,2	103 500	148 600*	50,3	111,3	89 600	143 600*	57,8	114,3	75 700	134 100*					50,0
52,0	38,3	103,8	97 600	139 900*	47,5	109,5	84 300	137 100*	55,3	112,9	71 100	127 900*					52,0
54,0	34,7	101,0	92 100	132 000*	44,5	107,5	79 400	131 000*	52,7	111,4	66 700	122 200*					54,0
56,0	30,8	97,7	86 900	124 900*	41,4	105,2	74 900	125 300*	50,0	109,7	62 800	116 900*	57,3	112,2	50 700	108 600*	56,0
58,0	26,2	93,9	82 000	118 500*	38,1	102,7	70 600	120 000*	47,1	107,9	59 000	112 000*	54,8	110,8	47 400	103 900*	58,0
60,0	20,7	89,0	77 300	113 100*	34,4	99,9	66 600	115 000*	44,2	105,9	55 500	107 300*	52,2	109,2	44 400	99 500*	60,0
62,0	13,1	82,0	72 600	109 100*	30,4	96,6	62 800	110 300*	41,0	103,6	52 200	102 900*	49,4	107,5	41 600	95 400*	62,0
64,0					25,8	92,7	59 200	105 800*	37,6	101,1	49 100	98 800*	46,6	105,7	38 900	91 600*	64,0
66,0					20,3	87,8	55 600	101 500*	34,0	98,2	46 200	94 800*	43,6	103,6	36 400	87 900*	66,0
68,0					12,3	80,4	52 000	97 200*	29,9	94,8	43 300	91 100*	40,4	101,3	34 000	84 500*	68,0
70,0									25,2	90,8	40 600	87 500*	36,9	98,7	31 700	81 200*	70,0
72,0									19,4	85,7	37 900	84 000*	33,2	95,7	29 500	78 000*	72,0
74,0									10,9	77,7	34 900	80 500*	29,0	92,3	27 300	75 000*	74,0
76,0													24,2	88,1	25 200	72 000*	76,0

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

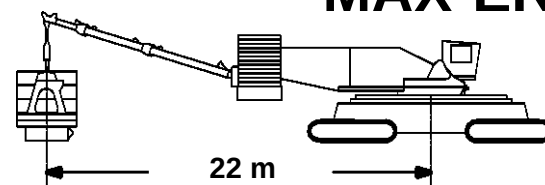
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	69,7	127,3	204 300	243 000*													30,5
32,0	68,1	126,7	191 500	236 000*													32,0
34,0	66,1	125,8	176 600	226 100*													34,0
36,0	64,0	124,9	163 500	215 800*													36,0
38,0	61,8	123,8	151 900	205 400*	68,0	125,8	132 200	195 200*									38,0
40,0	59,7	122,6	141 500	194 900*	65,9	124,9	123 000	184 200*									40,0
42,0	57,4	121,4	132 200	184 500*	63,8	124,0	114 700	174 300*									42,0
44,0	55,2	120,0	123 800	174 400*	61,7	122,9	107 200	165 300*									44,0
46,0	52,8	118,5	116 200	164 700*	59,5	121,7	100 400	157 000*									46,0
48,0	50,4	116,8	109 200	155 400*	57,3	120,4	94 100	149 400*	63,5	122,5	79 200	139 200*					48,0
50,0	47,8	115,1	102 800	146 700*	55,0	119,0	88 400	142 400*	61,4	121,4	74 100	132 600*					50,0
52,0	45,2	113,1	96 900	138 400*	52,6	117,5	83 200	135 900*	59,2	120,2	69 500	126 500*					52,0
54,0	42,4	110,9	91 500	130 700*	50,2	115,9	78 300	129 800*	57,0	118,9	65 200	120 800*					54,0
56,0	39,5	108,6	86 400	123 600*	47,6	114,1	73 800	124 200*	54,7	117,5	61 200	115 500*					56,0
58,0	36,4	105,9	81 600	116 900*	45,0	112,1	69 600	118 900*	52,3	116,0	57 600	110 600*	58,8	118,1	45 600	102 300*	58,0
60,0	33,0	102,9	77 200	110 900*	42,2	109,9	65 700	114 000*	49,9	114,3	54 100	106 000*	56,5	116,8	42 600	98 000*	60,0
62,0	29,3	99,5	73 000	105 400*	39,3	107,5	62 000	109 400*	47,3	112,5	50 900	101 700*	54,2	115,4	39 800	94 000*	62,0
64,0	25,0	95,4	69 000	100 500*	36,2	104,8	58 500	105 000*	44,7	110,5	47 900	97 600*	51,8	113,8	37 200	90 100*	64,0
66,0	19,9	90,3	65 100	96 300*	32,7	101,8	55 200	100 900*	41,9	108,3	45 000	93 700*	49,4	112,1	34 800	86 500*	66,0
68,0	12,8	83,1	61 200	93 200*	29,0	98,3	52 100	97 000*	38,9	105,9	42 300	90 100*	46,8	110,3	32 400	83 100*	68,0
70,0					24,7	94,2	49 000	93 200*	35,7	103,2	39 700	86 600*	44,1	108,2	30 200	79 900*	70,0
72,0					19,4	89,0	46 100	89 500*	32,3	100,1	37 200	83 300*	41,3	106,0	28 100	76 900*	72,0
74,0					12,1	81,5	43 000	85 900*	28,5	96,5	34 800	80 100*	38,3	103,5	26 000	73 900*	74,0
76,0									24,1	92,3	32 500	77 100*	35,1	100,8	24 100	71 000*	76,0
80,0													27,7	93,9	20 400	65 700*	80,0
84,0													17,4	83,8	16 800	60 700*	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).

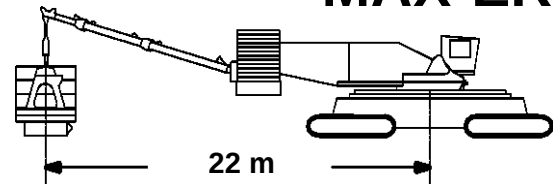
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	68,8	132,7	178 300	211 700*													33,5
34,0	68,4	132,5	175 100	209 900*													34,0
36,0	66,5	131,6	161 900	202 000*													36,0
38,0	64,6	130,7	150 200	193 700*													38,0
40,0	62,7	129,7	139 900	185 200*	68,2	131,6	120 800	182 200*									40,0
42,0	60,7	128,5	130 600	176 600*	66,4	130,7	112 500	172 400*									42,0
44,0	58,7	127,3	122 200	168 100*	64,5	129,8	105 000	163 400*									44,0
46,0	56,7	126,0	114 500	159 700*	62,5	128,7	98 200	155 100*									46,0
48,0	54,6	124,6	107 600	151 500*	60,6	127,6	92 000	147 600*									48,0
50,0	52,5	123,1	101 200	143 600*	58,6	126,4	86 300	140 500*									50,0
52,0	50,2	121,4	95 400	136 100*	56,5	125,1	81 100	134 100*	62,3	127,3	67 000	124 400*					52,0
54,0	48,0	119,7	89 900	128 900*	54,4	123,7	76 300	128 100*	60,3	126,1	62 800	118 800*					54,0
56,0	45,6	117,7	84 900	122 100*	52,3	122,1	71 800	122 500*	58,3	124,9	58 800	113 500*					56,0
58,0	43,1	115,6	80 200	115 700*	50,1	120,5	67 700	117 300*	56,3	123,6	55 200	108 600*					58,0
60,0	40,5	113,3	75 900	109 800*	47,8	118,7	63 800	112 400*	54,2	122,1	51 800	104 100*					60,0
62,0	37,7	110,8	71 700	104 200*	45,4	116,7	60 200	107 800*	52,0	120,6	48 600	99 800*	57,9	122,8	37 200	91 800*	62,0
64,0	34,8	107,9	67 900	99 000*	42,9	114,6	56 800	103 500*	49,8	118,9	45 600	95 700*	55,9	121,5	34 600	88 100*	64,0
66,0	31,6	104,8	64 200	94 300*	40,3	112,3	53 600	99 400*	47,5	117,1	42 800	91 900*	53,8	120,0	32 200	84 500*	66,0
68,0	28,0	101,2	60 800	90 000*	37,5	109,7	50 500	95 600*	45,1	115,1	40 200	88 300*	51,6	118,4	29 900	81 200*	68,0
70,0	24,0	96,9	57 400	86 200*	34,5	106,9	47 600	91 900*	42,6	113,0	37 700	84 900*	49,3	116,7	27 800	78 000*	70,0
72,0	19,2	91,6	54 100	82 900*	31,3	103,7	44 800	88 400*	39,9	110,6	35 300	81 700*	47,0	114,9	25 700	75 000*	72,0
74,0	12,6	84,2	50 900	80 600*	27,7	100,0	42 200	85 100*	37,1	108,0	33 000	78 600*	44,6	112,9	23 800	72 100*	74,0
76,0					23,7	95,7	39 700	81 900*	34,1	105,2	30 800	75 700*	42,1	110,7	21 900	69 300*	76,0
80,0									27,3	98,2	26 700	70 100*	36,6	105,7	18 400	64 100*	80,0
84,0									18,0	88,2	22 700	64 800*	30,2	99,4	15 100	59 300*	84,0
88,0													22,2	90,9	12 000	54 900*	88,0

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

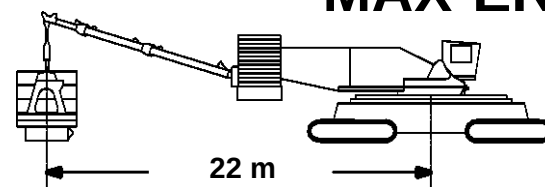
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	68,1	138,0	156 800	186 000*													36,6
38,0	66,9	137,4	148 700	181 500*													38,0
40,0	65,1	136,5	138 300	174 900*													40,0
42,0	63,4	135,5	129 000	168 000*	68,4	137,4	110 600	170 700*									42,0
44,0	61,6	134,4	120 600	161 000*	66,7	136,5	103 100	161 700*									44,0
46,0	59,8	133,3	113 000	154 000*	65,0	135,6	96 300	153 500*									46,0
48,0	58,0	132,0	106 000	147 000*	63,3	134,6	90 100	145 900*									48,0
50,0	56,1	130,7	99 600	140 200*	61,5	133,5	84 500	138 900*									50,0
52,0	54,1	129,2	93 800	133 500*	59,7	132,3	79 200	132 500*	64,8	134,1	64 800	122 700*					52,0
54,0	52,2	127,7	88 400	127 000*	57,8	131,1	74 400	126 500*	63,0	133,1	60 600	117 000*					54,0
56,0	50,1	126,0	83 400	120 800*	55,9	129,7	70 000	121 000*	61,3	132,0	56 700	111 800*					56,0
58,0	48,0	124,3	78 700	114 900*	54,0	128,3	65 900	115 800*	59,4	130,8	53 100	106 900*					58,0
60,0	45,9	122,3	74 400	109 300*	52,0	126,7	62 000	110 900*	57,6	129,6	49 700	102 400*					60,0
62,0	43,6	120,3	70 300	104 000*	50,0	125,1	58 400	106 300*	55,7	128,2	46 600	98 100*					62,0
64,0	41,3	118,0	66 500	99 000*	47,9	123,3	55 000	102 000*	53,8	126,8	43 600	94 100*	59,1	128,8	32 300	86 300*	64,0
66,0	38,8	115,6	62 900	94 300*	45,7	121,3	51 800	98 000*	51,8	125,2	40 800	90 300*	57,2	127,5	30 000	82 700*	66,0
68,0	36,2	112,9	59 500	89 900*	43,4	119,3	48 900	94 200*	49,7	123,5	38 200	86 800*	55,3	126,1	27 700	79 400*	68,0
70,0	33,3	109,9	56 300	85 900*	41,1	117,0	46 000	90 500*	47,6	121,7	35 700	83 400*	53,4	124,6	25 600	76 300*	70,0
72,0	30,3	106,6	53 200	82 200*	38,6	114,5	43 300	87 100*	45,4	119,8	33 400	80 200*	51,4	123,1	23 600	73 300*	72,0
74,0	27,0	102,8	50 300	78 700*	35,9	111,8	40 800	83 900*	43,1	117,7	31 200	77 100*	49,3	121,3	21 700	70 400*	74,0
76,0	23,1	98,3	47 400	75 700*	33,1	108,8	38 300	80 800*	40,8	115,4	29 000	74 200*	47,2	119,5	19 900	67 700*	76,0
80,0					26,7	101,6	33 700	75 000*	35,6	110,1	25 100	68 800*	42,7	115,4	16 400	62 600*	80,0
84,0					18,2	91,6	29 300	69 500*	29,7	103,7	21 400	63 800*	37,8	110,5	13 300	57 900*	84,0
88,0									22,3	95,2	17 900	59 100*	32,2	104,6	10 400	53 600*	88,0
92,0													25,5	97,1	7 700	49 600*	92,0
96,0													16,4	86,2	4 900	45 800*	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).

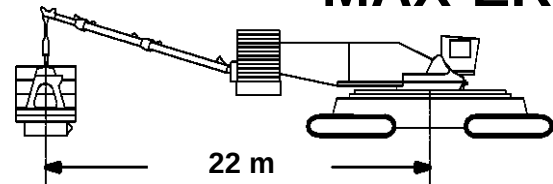
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	67,5	143,4	138 400	163 700*													39,6
40,0	67,2	143,2	136 600	162 700*													40,0
42,0	65,6	142,3	127 200	157 400*													42,0
44,0	64,0	141,3	118 800	151 900*	68,6	143,1	100 900	159 800*									44,0
46,0	62,4	140,3	111 200	146 200*	67,1	142,3	94 100	151 500*									46,0
48,0	60,7	139,1	104 200	140 400*	65,5	141,4	87 900	144 000*									48,0
50,0	59,0	138,0	97 900	134 600*	63,9	140,4	82 200	137 100*									50,0
52,0	57,3	136,7	92 000	128 900*	62,2	139,4	77 100	130 600*									52,0
54,0	55,6	135,3	86 600	123 300*	60,6	138,2	72 300	124 700*									54,0
56,0	53,8	133,9	81 600	117 800*	58,9	137,0	67 800	119 100*	63,7	138,9	54 200	109 800*					56,0
58,0	51,9	132,3	77 000	112 400*	57,2	135,8	63 700	113 900*	62,0	137,9	50 600	104 900*					58,0
60,0	50,0	130,6	72 600	107 300*	55,4	134,4	59 900	109 100*	60,4	136,8	47 300	100 400*					60,0
62,0	48,1	128,9	68 600	102 400*	53,6	132,9	56 300	104 600*	58,7	135,5	44 100	96 200*					62,0
64,0	46,1	126,9	64 800	97 700*	51,8	131,3	53 000	100 300*	56,9	134,2	41 200	92 200*					64,0
66,0	44,0	124,9	61 300	93 200*	49,9	129,7	49 800	96 300*	55,2	132,9	38 500	88 400*					66,0
68,0	41,9	122,7	57 900	89 000*	48,0	127,9	46 900	92 500*	53,4	131,4	35 900	84 800*	58,3	133,5	25 100	77 300*	68,0
70,0	39,6	120,3	54 700	85 000*	46,0	126,0	44 000	88 900*	51,6	129,8	33 500	81 500*	56,6	132,1	23 000	74 200*	70,0
72,0	37,3	117,7	51 700	81 300*	43,9	123,9	41 400	85 500*	49,7	128,1	31 100	78 300*	54,8	130,7	21 000	71 200*	72,0
74,0	34,8	114,9	48 900	77 800*	41,7	121,7	38 900	82 300*	47,7	126,3	28 900	75 300*	53,0	129,2	19 100	68 400*	74,0
76,0	32,1	111,8	46 200	74 500*	39,5	119,3	36 500	79 200*	45,7	124,4	26 900	72 500*	51,2	127,7	17 400	65 700*	76,0
80,0	26,0	104,4	41 100	68 800*	34,6	113,8	32 100	73 500*	41,4	120,1	23 000	67 200*	47,3	124,1	14 000	60 700*	80,0
84,0	18,0	94,1	36 200	64 300*	29,0	107,2	27 900	68 300*	36,8	115,0	19 500	62 200*	43,2	120,1	11 000	56 100*	84,0
88,0					22,1	98,5	24 100	63 400*	31,5	109,0	16 200	57 700*	38,7	115,3	8 200	51 900*	88,0
92,0									25,3	101,3	13 100	53 400*	33,7	109,7	5 600	48 000*	92,0
96,0									17,0	90,6	10 000	49 400*	28,0	102,8	3 200	44 400*	96,0
100,0													20,8	93,7	800	41 000*	100,0

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

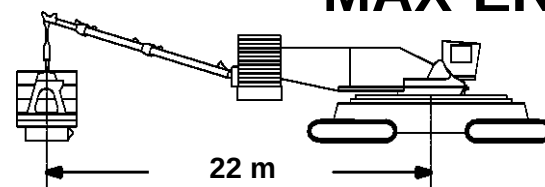
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	65,8	148,0	117 100	141 600*	68,8	148,9	92 700	150 000*									44,2
46,0	64,5	147,1	110 100	137 600*	67,3	148,1	86 500	142 400*									46,0
48,0	63,0	146,1	103 100	132 900*	65,9	147,2	80 800	135 500*									48,0
50,0	61,5	145,0	96 700	128 300*	64,4	146,2	75 600	129 100*									50,0
52,0	59,9	143,9	90 800	123 600*	62,9	145,2	70 800	123 200*									52,0
54,0	58,3	142,6	85 400	118 800*	61,3	144,1	66 300	117 600*									54,0
56,0	56,7	141,3	80 400	114 000*	59,8	142,9	62 200	112 500*	64,2	144,8	48 800	103 300*					56,0
58,0	55,1	139,9	75 700	109 300*	58,2	141,7	58 400	107 700*	62,7	143,7	45 400	98 800*					58,0
60,0	53,4	138,5	71 400	104 800*	56,6	140,4	54 800	103 100*	61,1	142,6	42 300	94 500*					60,0
62,0	51,7	136,9	67 300	100 400*	55,0	139,0	51 400	98 900*	59,6	141,5	39 400	90 600*					62,0
64,0	50,0	135,2	63 600	96 100*	53,3	137,5	48 300	94 900*	58,0	140,2	36 700	86 900*					64,0
66,0	48,2	133,5	60 000	91 900*	51,6	135,9	45 300	91 100*	56,4	138,9	34 100	83 300*					66,0
68,0	46,3	131,6	56 600	88 000*	49,8	134,3	42 500	87 500*	54,8	137,5	31 600	80 000*					68,0
70,0	44,4	129,6	53 500	84 200*	48,0	132,5	39 900	84 200*	53,1	136,0	29 400	76 900*	57,7	138,1	19 000	69 600*	70,0
72,0	42,4	127,4	50 500	80 600*	46,2	130,6	37 400	81 000*	51,4	134,4	27 200	73 900*	56,1	136,8	17 100	66 800*	72,0
74,0	40,4	125,1	47 700	77 200*	44,3	128,6	35 100	77 900*	49,6	132,7	25 100	71 000*	54,4	135,4	15 400	64 200*	74,0
76,0	38,2	122,6	45 000	74 000*	40,2	124,0	30 600	72 300*	45,9	129,0	21 300	65 700*	51,0	132,2	12 100	59 100*	76,0
80,0	33,6	116,9	40 000	68 100*	35,8	118,8	26 600	67 100*	42,0	124,8	17 800	60 900*	47,4	128,7	9 100	54 600*	80,0
84,0	28,2	110,0	35 400	63 000*	30,8	112,5	22 900	62 400*	37,8	119,9	14 600	56 400*	43,6	124,7	6 400	50 500*	84,0
88,0	21,7	101,2	31 100	58 800*	24,9	104,8	19 500	57 900*	33,1	114,1	11 700	52 300*	39,5	120,1	3 900	46 700*	88,0
92,0					17,2	94,0	16 100	53 700*	27,6	107,1	8 900	48 400*	35,0	114,7	1 500	43 100*	92,0
96,0									20,9	97,9	6 200	44 800*	29,9	108,2		39 800*	96,0
100,0													23,9	100,1		36 700*	100,0
104,0													15,6	88,6		33 700*	104,0
108,0																	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).

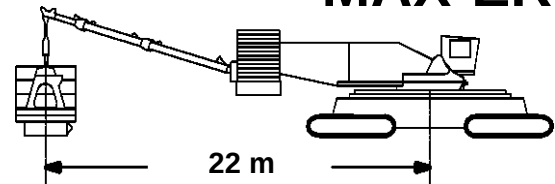
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	65,4	153,3	103 900	125 700*	69,4	155,0	86 500	132 100*									47,2
48,0	64,9	152,9	101 300	124 400*	68,9	154,7	84 200	132 100*									48,0
50,0	63,5	151,9	94 800	120 700*	67,6	153,9	78 500	132 100*									50,0
52,0	62,1	150,9	89 000	116 800*	66,2	153,0	73 300	127 200*									52,0
54,0	60,7	149,8	83 500	112 800*	64,8	152,0	68 500	121 300*									54,0
56,0	59,2	148,6	78 500	107 900*	63,4	151,0	64 100	115 800*									56,0
58,0	57,7	147,3	73 800	103 000*	62,0	150,0	60 000	110 600*									58,0
60,0	56,2	146,0	69 500	98 100*	60,6	148,8	56 100	105 800*	64,6	150,6	42 900	96 700*					60,0
62,0	54,7	144,6	65 500	93 400*	59,1	147,6	52 600	101 300*	63,2	149,6	39 800	92 500*					62,0
64,0	53,1	143,1	61 700	88 800*	57,6	146,4	49 200	97 100*	61,8	148,5	36 900	88 600*					64,0
66,0	51,5	141,5	58 100	84 300*	56,1	145,1	46 100	93 100*	60,4	147,4	34 200	84 900*					66,0
68,0	49,9	139,8	54 800	80 100*	54,6	143,6	43 200	89 300*	58,9	146,2	31 600	81 400*					68,0
70,0	48,2	138,1	51 700	76 000*	53,0	142,1	40 400	85 800*	57,4	144,9	29 200	78 000*					70,0
72,0	46,5	136,2	48 700	72 100*	51,4	140,6	37 800	82 400*	55,9	143,5	26 900	74 900*					72,0
74,0	44,7	134,2	45 900	68 300*	49,8	138,9	35 300	79 300*	54,4	142,1	24 800	71 900*	58,6	144,1	14 500	64 700*	74,0
76,0	42,9	132,1	43 300	64 600*	48,1	137,1	33 000	76 300*	52,8	140,6	22 800	69 100*	57,1	142,8	12 700	62 100*	76,0
80,0	39,0	127,3	38 300	57 800*	44,6	133,2	28 600	69 100*	49,6	137,3	19 000	63 900*	54,1	140,0	9 500	57 200*	80,0
84,0	34,8	121,9	33 800	51 400*	40,9	128,8	24 700	61 700*	46,2	133,6	15 600	59 100*	50,9	136,9	6 600	52 700*	84,0
88,0	30,0	115,4	29 700	45 600*	36,8	123,7	21 100	55 000*	42,5	129,4	12 400	54 700*	47,6	133,3	4 000	48 600*	88,0
92,0	24,4	107,4	25 800	40 200*	32,3	117,7	17 700	48 900*	38,6	124,7	9 600	50 600*	44,0	129,4	1 500	44 800*	92,0
96,0	17,2	96,6	22 100	35 700*	27,2	110,5	14 600	43 300*	34,3	119,1	6 900	46 900*	40,2	124,8		41 300*	96,0
100,0					20,8	101,3	11 600	38 300*	29,5	112,5	4 300	43 400*	36,1	119,6		38 100*	100,0
104,0									23,8	104,3	2 000	40 000*	31,5	113,5		35 100*	104,0
108,0									16,2	93,0		36 300*	26,2	106,1		32 300*	108,0
112,0													19,6	96,3		29 500*	112,0

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

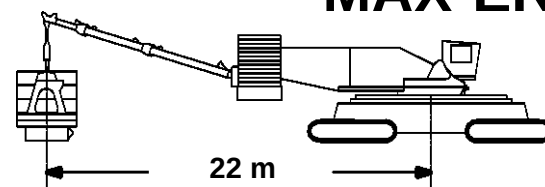
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8				c													19,8
20,0				c													20,0
22,0				c													22,0
24,0				c													24,0
26,0	63,7	108,9	252 900	317 800*b													26,0
28,0	60,1	107,8	230 000	294 000*b													28,0
30,0	56,3	106,5	210 400	273 200*b													30,0
32,0	52,4	105,0	193 500	255 000*b	64,3	108,2	170 100	239 600*b									32,0
34,0	48,2	103,2	178 700	238 800*	60,7	107,1	157 000	224 400*b									34,0
36,0	43,7	101,2	165 600	224 300*	57,0	105,8	145 500	210 900*b									36,0
38,0	38,8	98,8	153 900	211 300*	53,1	104,4	135 200	198 700*b									38,0
40,0	33,3	95,8	143 300	199 400*	49,0	102,7	125 900	187 600*	61,2	105,8	108 000	175 500*b					40,0
42,0	26,7	92,1	133 500	188 500*	44,6	100,7	117 500	177 600*	57,5	104,6	100 700	166 200*b					42,0
44,0	17,8	86,8	124 300	178 300*	39,8	98,3	109 900	168 400*	53,7	103,1	94 100	157 600*b					44,0
46,0					34,4	95,5	102 800	159 900*	49,6	101,4	88 000	149 700*					46,0
48,0					28,0	92,0	96 200	151 900*	45,2	99,5	82 400	142 400*	57,8	102,7	68 200	132 600*b	48,0
50,0					19,8	87,1	89 800	144 400*	40,4	97,2	77 300	135 700*	53,9	101,2	63 800	126 400*b	50,0
52,0									35,1	94,5	72 400	129 400*	49,8	99,6	59 700	120 500*	52,0
54,0									29,0	91,1	67 800	123 400*	45,5	97,6	55 900	115 100*	54,0
56,0									21,1	86,5	63 200	117 700*	40,7	95,4	52 300	110 000*	56,0
58,0													35,5	92,7	48 800	105 200*	58,0
60,0													29,4	89,3	45 500	100 600*	60,0
62,0													21,6	84,8	42 200	96 200*	62,0
64,0													7,8	76,2	38 400	91 600*	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).

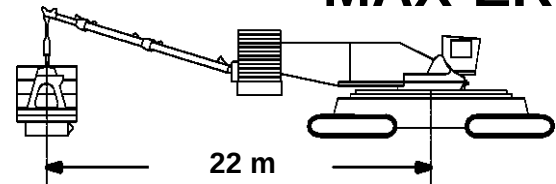
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0				c													24,0
26,0	67,7	115,7	252 700	304 800*b													26,0
28,0	64,7	114,8	229 600	292 700*b													28,0
30,0	61,7	113,7	210 000	272 100*b													30,0
32,0	58,5	112,5	193 100	253 800*b	68,2	115,0	168 600	237 700*b									32,0
34,0	55,3	111,1	178 300	237 700*	65,3	114,1	155 600	222 700*b									34,0
36,0	51,9	109,6	165 300	223 300*	62,3	113,0	144 100	209 200*b									36,0
38,0	48,3	107,8	153 700	210 400*	59,1	111,8	133 800	197 100*b									38,0
40,0	44,5	105,8	143 400	198 600*	55,9	110,5	124 700	186 200*									40,0
42,0	40,4	103,5	133 900	186 700*	52,5	109,0	116 400	176 200*	62,7	111,7	98 700	164 200*b					42,0
44,0	36,0	100,8	125 400	174 800*	49,0	107,2	108 900	167 100*	59,6	110,5	92 100	155 700*b					44,0
46,0	30,9	97,7	117 500	164 300*	45,2	105,3	102 000	158 800*	56,3	109,2	86 200	147 900*					46,0
48,0	24,9	93,7	110 100	155 300*	41,2	103,1	95 700	151 100*	53,0	107,7	80 700	140 800*					48,0
50,0	16,8	88,0	103 000	148 300*	36,8	100,5	89 900	144 000*	49,5	106,0	75 700	134 200*					50,0
52,0					31,9	97,4	84 500	137 300*	45,8	104,1	71 100	128 000*	56,5	107,3	57 400	118 600*	52,0
54,0					26,1	93,6	79 300	131 000*	41,8	101,9	66 700	122 300*	53,2	105,8	53 700	113 300*	54,0
56,0					18,6	88,4	74 200	125 000*	37,4	99,4	62 600	116 900*	49,7	104,2	50 300	108 300*	56,0
58,0									32,6	96,4	58 800	111 900*	46,0	102,2	47 100	103 700*	58,0
60,0									27,0	92,7	55 100	107 000*	42,0	100,1	44 000	99 300*	60,0
62,0									19,8	87,8	51 400	102 400*	37,7	97,6	41 100	95 200*	62,0
64,0									6,8	78,3	47 200	97 500*	32,9	94,6	38 300	91 200*	64,0
66,0													27,3	90,9	35 600	87 400*	66,0
68,0													20,3	86,1	32 900	83 800*	68,0
70,0													8,2	77,4	29 700	79 900*	70,0

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

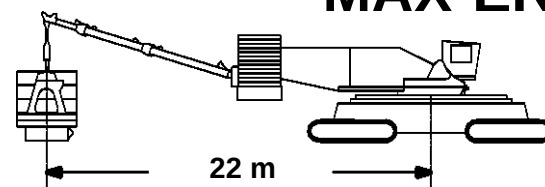
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	68,8	121,7	235 200	279 400 b													27,4
28,0	68,1	121,5	229 300	275 600 b													28,0
30,0	65,5	120,6	209 400	262 300 b													30,0
32,0	62,9	119,6	192 500	248 300 b													32,0
34,0	60,2	118,4	177 800	234 300*	68,6	120,7	154 300	221 400 b									34,0
36,0	57,4	117,2	164 800	220 400*	66,0	119,8	142 800	207 900 b									36,0
38,0	54,5	115,7	153 300	207 000*	63,4	118,8	132 600	195 800 b									38,0
40,0	51,5	114,2	142 900	194 200*	60,7	117,7	123 500	185 000*									40,0
42,0	48,4	112,4	133 600	182 100*	57,9	116,5	115 300	175 100*									42,0
44,0	45,1	110,4	125 200	170 800*	55,1	115,1	107 900	166 100*									44,0
46,0	41,6	108,2	117 500	160 300*	52,1	113,6	101 100	157 800*	61,1	116,4	84 600	146 600*					46,0
48,0	37,8	105,7	110 500	150 700*	49,0	111,8	94 900	150 200*	58,3	115,2	79 300	139 500*					48,0
50,0	33,7	102,8	104 000	142 000*	45,7	109,9	89 200	143 200*	55,4	113,8	74 300	132 900*					50,0
52,0	29,0	99,4	97 900	134 300*	42,3	107,8	84 000	136 700*	52,5	112,3	69 800	126 900*					52,0
54,0	23,5	95,1	92 100	127 600*	38,6	105,3	79 100	130 600*	49,4	110,6	65 500	121 200*	58,5	113,3	52 000	111 900*	54,0
56,0	16,1	89,2	86 500	122 500*	34,5	102,5	74 500	124 900*	46,2	108,8	61 600	115 900*	55,6	111,9	48 700	106 900*	56,0
58,0					29,9	99,2	70 200	119 500*	42,8	106,6	57 900	111 000*	52,7	110,4	45 500	102 400*	58,0
60,0					24,6	95,1	66 000	114 400*	39,1	104,2	54 500	106 400*	49,6	108,8	42 600	98 100*	60,0
62,0					17,7	89,6	61 900	109 500*	35,1	101,4	51 200	102 000*	46,4	106,9	39 800	94 000*	62,0
64,0					2,6	76,9	57 000	104 300*	30,6	98,2	48 000	97 800*	43,0	104,8	37 200	90 200*	64,0
66,0									25,4	94,2	45 000	93 800*	39,3	102,4	34 700	86 600*	66,0
68,0									18,8	89,0	42 000	90 000*	35,3	99,6	32 400	83 200*	68,0
70,0									7,4	79,5	38 500	85 900*	30,9	96,4	30 100	79 900*	70,0
72,0													25,7	92,5	27 800	76 700*	72,0
74,0													19,2	87,4	25 500	73 500*	74,0
76,0													8,6	78,5	22 800	70 200*	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).

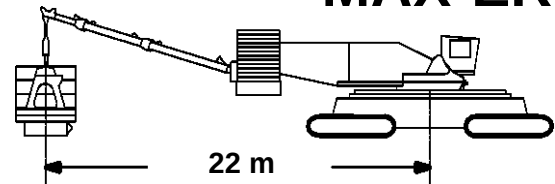
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	67,9	127,1	204 500	241 600* b													30,5
32,0	66,1	126,4	191 800	233 300* b													32,0
34,0	63,8	125,4	176 900	222 000*													34,0
36,0	61,4	124,3	163 800	210 600*	68,8	126,5	141 100	206 000* b									36,0
38,0	59,0	123,1	152 300	199 100*	66,6	125,6	130 800	193 900* b									38,0
40,0	56,5	121,8	141 900	188 000*	64,2	124,7	121 700	183 100*									40,0
42,0	53,9	120,3	132 600	177 200*	61,9	123,6	113 500	173 200*									42,0
44,0	51,2	118,8	124 200	166 900*	59,4	122,4	106 100	164 300*									44,0
46,0	48,5	117,0	116 600	157 100*	57,0	121,2	99 400	156 100*	64,5	123,4	82 300	144 500*					46,0
48,0	45,6	115,1	109 600	148 000*	54,4	119,7	93 300	148 500*	62,2	122,3	77 000	137 400*					48,0
50,0	42,5	112,9	103 200	139 400*	51,8	118,2	87 600	141 500*	59,8	121,2	72 100	130 900*					50,0
52,0	39,2	110,5	97 200	131 500*	49,0	116,4	82 500	135 100*	57,3	119,9	67 600	124 900*					52,0
54,0	35,7	107,8	91 700	124 300*	46,1	114,6	77 600	129 100*	54,7	118,5	63 400	119 300*					54,0
56,0	31,9	104,7	86 600	117 700*	43,1	112,4	73 100	123 500*	52,1	116,9	59 600	114 100*					56,0
58,0	27,5	101,0	81 700	111 800*	39,9	110,1	68 900	118 200*	49,4	115,2	56 000	109 200*	57,4	118,0	43 000	100 200*	58,0
60,0	22,3	96,5	77 000	106 800*	36,4	107,4	65 000	113 300*	46,5	113,4	52 500	104 600*	54,9	116,6	40 100	96 000*	60,0
62,0	15,5	90,3	72 500	102 900*	32,6	104,4	61 300	108 700*	43,5	111,3	49 400	100 400*	52,3	115,0	37 400	92 000*	62,0
64,0					28,4	100,9	57 800	104 300*	40,3	109,0	46 400	96 300*	49,5	113,3	34 900	88 300*	64,0
66,0					23,4	96,6	54 300	100 100*	36,9	106,4	43 600	92 500*	46,7	111,5	32 500	84 800*	66,0
68,0					17,0	90,8	50 900	96 000*	33,1	103,4	40 800	88 800*	43,7	109,4	30 200	81 400*	68,0
70,0					4,7	79,2	46 800	91 600*	29,0	99,9	38 200	85 400*	40,5	107,1	28 100	78 300*	70,0
72,0									24,1	95,7	35 700	82 000*	37,1	104,5	26 000	75 200*	72,0
74,0									18,0	90,2	33 100	78 800*	33,4	101,6	24 000	72 300*	74,0
76,0									7,8	80,7	30 200	75 300*	29,2	98,2	22 100	69 400*	76,0
80,0													18,4	88,6	18 200	64 000*	80,0

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

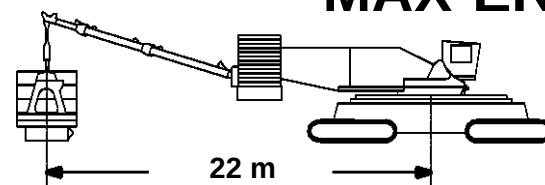
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	65,5	131,7	168 700	203 700*													35,1
36,0	64,5	131,2	162 800	199 300*													36,0
38,0	62,4	130,2	151 100	189 900*													38,0
40,0	60,2	129,0	140 800	180 500*	67,0	131,4	120 100	181 600*									40,0
42,0	58,0	127,8	131 500	171 200*	64,9	130,5	112 000	171 800*									42,0
44,0	55,8	126,4	123 200	162 100*	62,8	129,5	104 600	162 800*									44,0
46,0	53,4	125,0	115 500	153 400*	60,7	128,4	97 900	154 700*									46,0
48,0	51,0	123,4	108 600	145 000*	58,4	127,1	91 800	147 200*									48,0
50,0	48,5	121,6	102 200	137 000*	56,2	125,8	86 200	140 300*	63,1	128,2	70 200	129 400*					50,0
52,0	45,9	119,7	96 400	129 400*	53,9	124,3	81 000	133 800*	60,9	127,1	65 700	123 400*					52,0
54,0	43,2	117,6	90 900	122 400*	51,5	122,8	76 200	127 900*	58,7	125,8	61 600	117 800*					54,0
56,0	40,3	115,3	85 800	115 900*	49,0	121,1	71 800	122 300*	56,5	124,5	57 800	112 600*					56,0
58,0	37,3	112,7	81 100	109 800*	46,4	119,2	67 700	117 100*	54,2	123,1	54 300	107 800*					58,0
60,0	33,9	109,8	76 700	104 200*	43,7	117,1	63 900	112 300*	51,8	121,5	50 900	103 300*	58,9	123,9	38 100	94 400*	60,0
62,0	30,3	106,5	72 600	99 200*	40,9	114,8	60 200	107 700*	49,3	119,8	47 800	99 100*	56,6	122,6	35 500	90 500*	62,0
64,0	26,2	102,6	68 500	94 600*	37,8	112,3	56 800	103 400*	46,8	118,0	44 900	95 100*	54,3	121,2	33 000	86 800*	64,0
66,0	21,4	97,9	64 700	90 700*	34,6	109,5	53 600	99 300*	44,1	115,9	42 100	91 300*	51,9	119,6	30 700	83 300*	66,0
68,0	15,0	91,4	61 000	87 700*	31,0	106,3	50 500	95 500*	41,3	113,7	39 600	87 700*	49,5	117,9	28 500	80 000*	68,0
70,0					27,0	102,5	47 600	91 800*	38,3	111,2	37 000	84 400*	46,9	116,1	26 400	76 900*	70,0
72,0					22,4	98,0	44 700	88 200*	35,0	108,4	34 700	81 100*	44,2	114,1	24 400	73 900*	72,0
74,0					16,4	92,0	41 900	84 800*	31,5	105,3	32 400	78 000*	41,4	111,8	22 500	71 100*	74,0
76,0					5,7	80,7	38 400	81 000*	27,6	101,6	30 200	75 100*	38,4	109,4	20 700	68 300*	76,0
80,0									17,3	91,4	25 800	69 400*	31,7	103,5	17 300	63 200*	80,0
84,0													23,3	95,5	14 000	58 400*	84,0
88,0													8,9	80,7	10 300	53 600*	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).

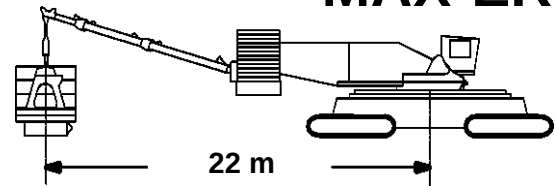
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	65,0	137,0	148 900	178 800*	69,2	138,0	117 800	179 600*									38,1
40,0	63,2	136,0	139 100	171 400*	67,3	137,2	109 700	169 800*									40,0
42,0	61,3	134,9	129 800	163 700*	65,5	136,3	102 300	160 900*									42,0
44,0	59,3	133,7	121 500	155 900*	63,6	135,3	95 700	152 800*									44,0
46,0	57,2	132,5	113 900	148 300*	61,6	134,2	89 600	145 300*									46,0
48,0	55,2	131,1	106 900	140 900*	59,6	133,1	84 000	138 400*									48,0
50,0	53,0	129,6	100 600	133 700*	57,6	131,8	78 900	132 000*	63,8	134,0	63 200	121 300*					50,0
52,0	50,8	128,0	94 700	126 800*	55,6	130,4	74 200	126 100*	61,9	132,9	59 100	115 700*					52,0
54,0	48,6	126,2	89 300	120 300*	53,4	129,0	69 800	120 600*	59,9	131,8	55 300	110 600*					54,0
56,0	46,2	124,3	84 300	114 100*	51,3	127,4	65 700	115 400*	57,9	130,5	51 800	105 800*					56,0
58,0	43,8	122,3	79 700	108 200*	49,0	125,7	61 900	110 600*	55,8	129,2	48 500	101 300*					58,0
60,0	41,2	120,0	75 300	102 800*	46,7	123,8	58 400	106 100*	53,7	127,7	45 400	97 100*					60,0
62,0	38,5	117,5	71 300	97 600*	44,2	121,8	55 000	101 800*	51,5	126,1	42 600	93 200*	58,0	128,6	30 300	84 700*	62,0
64,0	35,6	114,8	67 400	92 900*	41,7	119,5	51 800	97 800*	49,3	124,4	39 900	89 500*	56,0	127,3	28 000	81 200*	64,0
66,0	32,4	111,7	63 800	88 600*	39,0	117,1	48 900	94 000*	47,0	122,6	37 300	85 900*	53,9	125,8	25 900	77 900*	66,0
68,0	29,0	108,2	60 300	84 600*	36,1	114,4	46 000	90 400*	44,6	120,6	34 900	82 600*	51,7	124,2	23 900	74 900*	68,0
70,0	25,1	104,2	57 000	81 100*	33,0	111,4	43 400	87 000*	42,0	118,4	32 600	79 400*	49,4	122,6	21 900	71 900*	70,0
72,0	20,6	99,2	53 800	78 000*	29,7	108,0	40 800	83 700*	39,4	116,0	30 400	76 400*	47,1	120,7	20 100	69 100*	72,0
74,0	14,6	92,6	50 600	75 700*	25,9	104,1	38 300	80 600*	36,5	113,3	28 400	73 600*	44,7	118,7	18 400	66 400*	74,0
76,0					15,9	93,1	33 300	74 500*	30,1	107,1	24 400	68 200*	39,5	114,2	15 100	61 500*	76,0
80,0									22,1	98,6	20 700	63 100*	33,7	108,6	12 100	56 900*	80,0
84,0									8,3	83,0	16 600	58 000*	26,7	101,5	9 200	52 600*	84,0
88,0													17,1	91,1	6 300	48 500*	88,0
92,0																	92,0

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

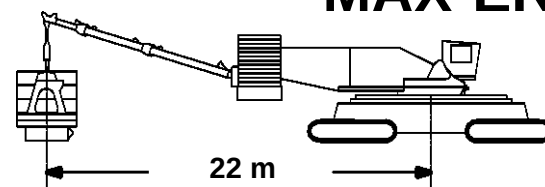
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	64,6	142,3	132 100	158 300*													41,1
42,0	63,9	141,8	128 300	155 600*													42,0
44,0	62,1	140,8	119 800	149 200*	67,6	143,0	100 400	159 200*									44,0
46,0	60,3	139,6	112 200	142 800*	65,9	142,1	93 700	151 100*									46,0
48,0	58,5	138,4	105 300	136 400*	64,2	141,1	87 600	143 600*									48,0
50,0	56,6	137,1	99 000	130 200*	62,4	140,1	82 100	136 700*									50,0
52,0	54,7	135,7	93 100	124 100*	60,6	139,0	77 000	130 400*									52,0
54,0	52,7	134,2	87 800	118 200*	58,8	137,8	72 200	124 500*	64,4	139,8	56 900	114 000*					54,0
56,0	50,7	132,6	82 700	112 600*	56,9	136,5	67 900	119 000*	62,7	138,8	53 100	108 800*					56,0
58,0	48,6	130,8	78 100	107 100*	55,0	135,1	63 800	113 900*	60,9	137,7	49 600	104 100*					58,0
60,0	46,5	128,9	73 800	102 000*	53,1	133,6	60 100	109 000*	59,0	136,5	46 400	99 600*					60,0
62,0	44,2	126,9	69 800	97 100*	51,1	132,0	56 500	104 600*	57,2	135,2	43 300	95 400*					62,0
64,0	41,9	124,7	66 000	92 500*	49,0	130,2	53 200	100 300*	55,3	133,8	40 500	91 500*					64,0
66,0	39,4	122,3	62 400	88 200*	46,9	128,4	50 100	96 300*	53,3	132,3	37 800	87 800*	59,2	134,6	25 700	79 400*	66,0
68,0	36,9	119,7	59 000	84 200*	44,6	126,4	47 200	92 600*	51,3	130,7	35 300	84 300*	57,3	133,3	23 600	76 200*	68,0
70,0	34,1	116,8	55 800	80 400*	42,3	124,2	44 400	89 000*	49,3	129,0	32 900	81 000*	55,4	131,9	21 600	73 100*	70,0
72,0	31,1	113,6	52 800	77 000*	39,9	121,9	41 700	85 600*	47,1	127,2	30 700	77 900*	53,5	130,4	19 700	70 200*	72,0
74,0	27,9	109,9	49 900	73 900*	37,4	119,3	39 200	82 400*	44,9	125,2	28 500	74 900*	51,5	128,9	17 900	67 400*	74,0
76,0	24,2	105,7	47 100	71 100*	34,6	116,4	36 900	79 400*	42,6	123,1	26 500	72 100*	49,4	127,2	16 200	64 800*	76,0
80,0					28,5	109,7	32 400	73 600*	37,7	118,2	22 700	66 800*	45,1	123,3	13 000	59 800*	80,0
84,0					20,8	100,7	28 100	68 300*	32,1	112,3	19 200	61 900*	40,4	118,9	10 100	55 300*	84,0
88,0					6,8	83,3	23 400	62 800*	25,4	104,8	15 900	57 300*	35,2	113,6	7 400	51 200*	88,0
92,0									16,3	93,8	12 600	53 000*	29,2	107,0	4 900	47 400*	92,0
96,0													21,6	98,3	2 400	43 700*	96,0
100,0													9,2	82,9		40 000*	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

21000

MAX-ER

Luffing Jib No. 81 On

Boom No. 80 With 140 ft Mast No. 81

208 060 kg Crane Counterweight

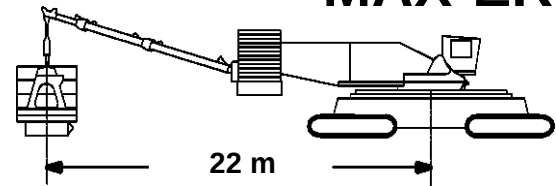
90 720 kg Carbody Counterweight

192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	64,3	147,6	117 800	140 400*	69,3	149,5	97 800	156 300*									44,2
46,0	62,8	146,6	110 900	135 700*	67,9	148,8	91 800	149 100*									46,0
48,0	61,1	145,5	103 900	130 500*	66,3	147,9	85 700	141 600*									48,0
50,0	59,5	144,4	97 500	125 100*	64,7	146,9	80 100	134 800*									50,0
52,0	57,8	143,1	91 700	119 900*	63,1	145,9	75 000	128 500*									52,0
54,0	56,0	141,8	86 300	114 700*	61,5	144,8	70 300	122 600*									54,0
56,0	54,2	140,3	81 200	109 600*	59,8	143,7	65 900	117 100*									56,0
58,0	52,4	138,8	76 600	104 700*	58,1	142,4	61 900	112 000*	63,3	144,6	47 200	102 000*					58,0
60,0	50,6	137,2	72 300	100 000*	56,3	141,1	58 100	107 200*	61,7	143,5	44 000	97 500*					60,0
62,0	48,6	135,4	68 200	95 500*	54,6	139,7	54 600	102 800*	60,0	142,4	41 000	93 400*					62,0
64,0	46,7	133,6	64 500	91 100*	52,8	138,2	51 300	98 600*	58,3	141,2	38 200	89 500*					64,0
66,0	44,6	131,5	60 900	87 000*	50,9	136,6	48 100	94 600*	56,6	139,8	35 500	85 800*					66,0
68,0	42,5	129,4	57 500	83 100*	49,0	134,9	45 200	90 900*	54,8	138,4	33 000	82 300*					68,0
70,0	40,3	127,1	54 400	79 500*	47,0	133,0	42 500	87 300*	53,0	136,9	30 600	79 100*	58,4	139,2	18 900	71 000*	70,0
72,0	37,9	124,5	51 400	76 000*	45,0	131,0	39 900	84 000*	51,2	135,3	28 400	76 000*	56,7	137,9	17 100	68 100*	72,0
74,0	35,5	121,8	48 600	72 800*	42,9	128,9	37 400	80 800*	49,3	133,6	26 300	73 000*	54,9	136,5	15 300	65 400*	74,0
76,0	32,8	118,7	45 800	69 800*	40,7	126,6	35 100	77 800*	47,3	131,8	24 300	70 300*	53,1	135,0	13 600	62 800*	76,0
80,0	26,9	111,6	40 700	64 500*	35,9	121,4	30 700	72 100*	43,2	127,7	20 600	65 000*	49,4	131,8	10 500	57 900*	80,0
84,0	19,3	101,8	35 900	60 400*	30,5	115,1	26 700	67 000*	38,7	123,0	17 200	60 200*	45,4	128,0	7 700	53 400*	84,0
88,0					24,1	107,1	22 900	62 200*	33,7	117,4	14 000	55 800*	41,1	123,6	5 100	49 400*	88,0
92,0					15,1	95,4	19 100	57 600*	27,9	110,5	11 100	51 700*	36,4	118,5	2 700	45 700*	92,0
96,0									20,7	101,3	8 200	47 900*	31,1	112,3		42 100*	96,0
100,0									8,7	85,2	5 000	43 900*	24,8	104,6		38 900*	100,0
104,0													16,2	93,4		35 700*	104,0

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

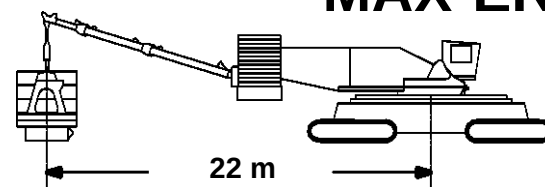
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,0	63,4	152,5	102 400	123 400*	68,1	154,5	83 800	139 400*									48,0
50,0	61,9	151,4	96 000	119 100*	66,6	153,7	78 300	133 300*									50,0
52,0	60,3	150,3	90 200	114 700*	65,2	152,7	73 200	126 900*									52,0
54,0	58,8	149,1	84 800	110 300*	63,7	151,8	68 500	121 000*									54,0
56,0	57,2	147,8	79 800	105 900*	62,2	150,7	64 100	115 600*									56,0
58,0	55,5	146,4	75 100	101 600*	60,6	149,6	60 100	110 500*									58,0
60,0	53,9	144,9	70 800	97 400*	59,0	148,4	56 300	105 700*	63,9	150,4	41 900	95 900*					60,0
62,0	52,2	143,4	66 700	93 300*	57,5	147,1	52 800	101 300*	62,4	149,4	38 900	91 800*					62,0
64,0	50,4	141,8	63 000	89 300*	55,8	145,8	49 500	97 100*	60,8	148,3	36 100	87 900*					64,0
66,0	48,7	140,0	59 400	85 500*	54,2	144,3	46 400	93 200*	59,3	147,1	33 500	84 200*					66,0
68,0	46,8	138,2	56 100	81 900*	52,5	142,8	43 500	89 400*	57,7	145,8	31 000	80 800*					68,0
70,0	44,9	136,2	53 000	78 400*	50,8	141,2	40 800	85 900*	56,1	144,5	28 700	77 500*					70,0
72,0	43,0	134,1	50 000	75 000*	49,0	139,4	38 200	82 600*	54,4	143,1	26 500	74 500*	59,4	145,2	14 900	66 400*	72,0
74,0	40,9	131,8	47 200	71 900*	47,2	137,6	35 800	79 500*	52,7	141,6	24 400	71 500*	57,8	143,9	13 200	63 700*	74,0
76,0	38,8	129,3	44 500	68 900*	45,3	135,6	33 400	76 400*	51,0	139,9	22 400	68 800*	56,2	142,6	11 500	61 100*	76,0
80,0	34,2	123,8	39 600	63 500*	41,3	131,3	29 200	70 900*	47,4	136,4	18 700	63 600*	52,8	139,6	8 500	56 300*	80,0
84,0	29,0	117,1	35 000	58 800*	37,0	126,3	25 200	65 800*	43,6	132,4	15 400	58 900*	49,3	136,3	5 700	51 900*	84,0
88,0	22,7	108,6	30 700	54 900*	32,2	120,3	21 600	61 100*	39,5	127,8	12 400	54 500*	45,7	132,6	3 200	47 900*	88,0
92,0					26,6	113,0	18 200	56 800*	35,0	122,4	9 500	50 500*	41,7	128,3		44 200*	92,0
96,0					19,6	103,3	15 000	52 600*	29,9	115,9	6 800	46 700*	37,4	123,3		40 800*	96,0
100,0									23,8	107,8	4 300	43 200*	32,7	117,5		37 600*	100,0
104,0									15,5	96,2		39 900*	27,2	110,4		34 700*	104,0
108,0													20,3	101,0		31 800*	108,0
112,0													9,3	85,1		28 800*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

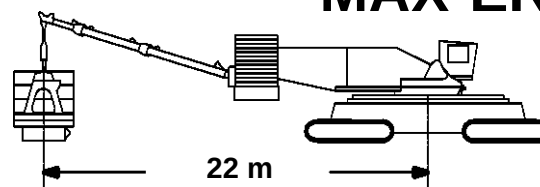
90 720 kg Carbody Counterweight

192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 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	
52,0	62,5	157,2	88 200	108 500*	66,9	159,4	70 800	124 400*					52,0
54,0	61,1	156,1	82 800	104 900*	65,6	158,5	66 100	119 200*					54,0
56,0	59,6	155,0	77 800	101 200*	64,2	157,6	61 800	113 700*					56,0
58,0	58,1	153,7	73 200	97 500*	62,8	156,5	57 700	108 600*					58,0
60,0	56,6	152,4	68 900	93 900*	61,3	155,4	54 000	103 900*					60,0
62,0	55,1	151,0	64 800	90 300*	59,9	154,3	50 500	99 400*					62,0
64,0	53,6	149,6	61 100	86 800*	58,4	153,1	47 200	95 300*	62,9	155,2	33 500	85 800*	64,0
66,0	52,0	148,0	57 600	83 300*	56,9	151,8	44 200	91 400*	61,5	154,1	30 900	82 200*	66,0
68,0	50,3	146,4	54 300	80 000*	55,4	150,4	41 300	87 600*	60,1	153,0	28 500	78 800*	68,0
70,0	48,7	144,6	51 100	76 700*	53,8	148,9	38 600	84 100*	58,6	151,8	26 200	75 500*	70,0
72,0	47,0	142,8	48 200	72 900*	52,3	147,4	36 000	80 900*	57,1	150,5	24 000	72 500*	72,0
74,0	45,2	140,8	45 400	69 000*	50,6	145,8	33 600	77 700*	55,6	149,1	21 900	69 600*	74,0
76,0	43,4	138,7	42 800	65 400*	49,0	144,1	31 300	74 700*	54,1	147,7	20 000	66 800*	76,0
80,0	39,6	134,1	37 800	58 500*	45,5	140,3	27 100	69 200*	50,9	144,6	16 400	61 700*	80,0
84,0	35,4	128,7	33 400	52 200*	41,9	136,0	23 200	63 600*	47,5	141,0	13 100	57 000*	84,0
88,0	30,7	122,4	29 300	46 300*	37,9	131,1	19 700	56 800*	44,0	137,0	10 100	52 700*	88,0
92,0	25,3	114,7	25 400	41 000*	33,6	125,4	16 400	50 500*	40,2	132,5	7 300	48 800*	92,0
96,0	18,3	104,4	21 800	36 300*	28,6	118,6	13 300	44 800*	36,1	127,3	4 800	45 100*	96,0
100,0					22,7	110,0	10 400	39 600*	31,5	121,2	2 300	41 700*	100,0
104,0									26,2	113,7		38 500*	104,0
108,0									19,6	103,9		35 500*	108,0
112,0									8,9	87,4		32 300*	112,0

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

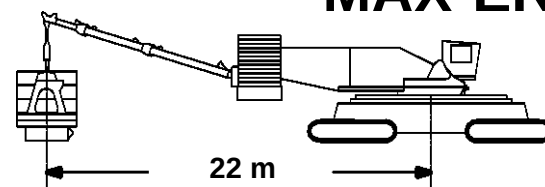
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3				c													21,3
22,0				c													22,0
24,0				c													24,0
26,0	64,6	115,3	252 400	299 400*b													26,0
28,0	61,0	114,2	229 400	287 300*b													28,0
30,0	57,3	112,9	209 900	270 200*b													30,0
32,0	53,4	111,5	192 900	252 100*b													32,0
34,0	49,3	109,8	178 100	235 200*b	62,7	113,7	153 800	221 200*b									34,0
36,0	44,9	107,8	165 000	219 300*	59,0	112,6	142 400	207 700*b									36,0
38,0	40,2	105,5	153 400	204 800*	55,2	111,2	132 200	195 700*b									38,0
40,0	34,8	102,7	142 800	191 600*	51,2	109,6	123 100	184 800*b	64,1	112,6	102 900	171 200*b					40,0
42,0	28,6	99,3	133 100	180 300*	47,0	107,8	114 900	174 900*	60,5	111,5	95 900	162 000*b					42,0
44,0	20,6	94,6	124 100	171 200*	42,4	105,6	107 400	165 800*	56,7	110,2	89 500	153 600*b					44,0
46,0					37,3	103,1	100 500	157 500*	52,8	108,7	83 700	146 000*b					46,0
48,0					31,5	100,0	94 100	149 700*	48,7	106,9	78 300	138 800*b					48,0
50,0					24,5	96,0	88 000	142 400*	44,2	104,9	73 400	132 300*					50,0
52,0									39,4	102,6	68 800	126 100*	54,1	107,0	54 200	116 100*b	52,0
54,0									33,9	99,7	64 400	120 400*	50,0	105,4	50 700	110 900*b	54,0
56,0									27,5	96,1	60 200	115 000*	45,7	103,4	47 300	106 000*	56,0
58,0									19,0	91,1	56 000	109 700*	40,9	101,2	44 200	101 400*	58,0
60,0													35,7	98,5	41 100	97 000*	60,0
62,0													29,6	95,2	38 200	92 900*	62,0
64,0													22,0	90,8	35 200	88 800*	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).

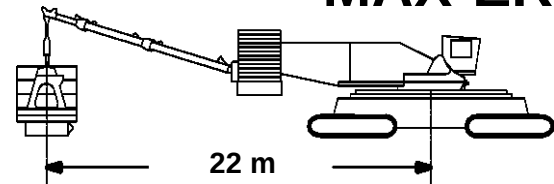
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	64,1	120,6	218 900	263 300 b													29,0
30,0	62,5	120,1	209 200	255 400 b													30,0
32,0	59,4	118,9	192 100	240 400 b													32,0
34,0	56,2	117,6	177 400	225 600 b	66,9	120,6	151 900	219 300 b									34,0
36,0	52,8	116,1	164 400	211 300*	63,9	119,6	140 500	205 900 b									36,0
38,0	49,3	114,4	152 900	197 800*	60,8	118,5	130 500	194 000 b									38,0
40,0	45,6	112,4	142 500	185 200*	57,6	117,2	121 500	183 200 b									40,0
42,0	41,6	110,2	133 200	173 500*	54,3	115,8	113 400	173 400*									42,0
44,0	37,2	107,7	124 700	162 800*	50,9	114,2	106 100	164 500*	62,0	117,3	87 200	151 700 b					44,0
46,0	32,3	104,6	116 800	153 300*	47,3	112,4	99 400	156 200*	58,9	116,2	81 500	144 100 b					46,0
48,0	26,6	100,9	109 600	145 000*	43,4	110,3	93 200	148 700*	55,6	114,8	76 300	137 100 b					48,0
50,0	19,3	95,8	102 600	138 300*	39,2	107,9	87 500	141 700*	52,3	113,3	71 500	130 600*					50,0
52,0					34,6	105,1	82 200	135 100*	48,7	111,5	67 000	124 600*					52,0
54,0					29,3	101,7	77 200	129 000*	45,0	109,6	62 900	119 000*	56,7	113,1	48 200	108 900 b	54,0
56,0					22,9	97,4	72 400	123 200*	40,9	107,3	59 000	113 800*	53,3	111,6	45 000	104 100*	56,0
58,0									36,5	104,7	55 300	108 900*	49,8	109,9	42 000	99 600*	58,0
60,0									31,5	101,6	51 800	104 300*	46,2	108,1	39 200	95 400*	60,0
62,0									25,6	97,7	48 400	99 800*	42,2	105,9	36 500	91 400*	62,0
64,0									17,9	92,3	45 100	95 500*	37,9	103,4	33 900	87 600*	64,0
66,0													33,1	100,5	31 500	84 100*	66,0
68,0													27,6	96,8	29 100	80 600*	68,0
70,0													20,6	92,1	26 600	77 200*	70,0

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

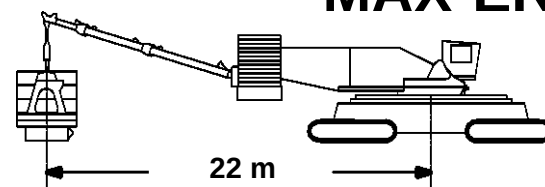
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	63,6	125,9	192 000	228 100 b													32,0
34,0	60,9	124,8	177 300	215 700 b													34,0
36,0	58,1	123,6	164 200	203 400*	67,4	126,3	139 600	204 600 b									36,0
38,0	55,3	122,2	152 700	191 500*	64,8	125,4	129 500	192 700 b									38,0
40,0	52,3	120,7	142 400	180 000*	62,1	124,3	120 600	181 900 b									40,0
42,0	49,2	119,0	133 100	169 100*	59,4	123,2	112 500	172 200*									42,0
44,0	46,0	117,1	124 700	158 900*	56,6	121,9	105 200	163 300*									44,0
46,0	42,6	114,9	117 000	149 300*	53,7	120,4	98 600	155 200*	63,2	123,2	80 000	142 600 b					46,0
48,0	38,9	112,5	110 000	140 600*	50,7	118,8	92 500	147 700*	60,5	122,1	74 800	135 700 b					48,0
50,0	34,8	109,7	103 500	132 700*	47,5	117,0	86 900	140 800*	57,7	120,8	70 100	129 300*					50,0
52,0	30,3	106,4	97 400	125 500*	44,1	114,9	81 700	134 400*	54,8	119,4	65 700	123 300*					52,0
54,0	25,1	102,4	91 700	119 400*	40,6	112,7	76 900	128 400*	51,9	117,9	61 600	117 800*					54,0
56,0	18,4	97,1	86 200	114 400*	36,7	110,1	72 500	122 800*	48,8	116,1	57 900	112 700*					56,0
58,0					32,4	107,0	68 200	117 500*	45,5	114,2	54 400	107 900*	55,7	117,7	40 400	98 200*	58,0
60,0					27,6	103,4	64 200	112 600*	42,0	112,0	51 100	103 400*	52,8	116,2	37 600	94 100*	60,0
62,0					21,6	98,8	60 300	107 800*	38,3	109,6	47 900	99 100*	49,7	114,6	35 100	90 200*	62,0
64,0					13,2	91,9	56 300	103 100*	34,2	106,7	44 900	95 100*	46,5	112,7	32 600	86 500*	64,0
66,0									29,6	103,3	42 100	91 200*	43,1	110,6	30 300	83 000*	66,0
68,0									24,1	99,2	39 200	87 500*	39,5	108,2	28 100	79 700*	68,0
70,0									17,1	93,5	36 400	83 900*	35,5	105,5	26 000	76 600*	70,0
72,0													31,1	102,3	24 000	73 600*	72,0
74,0													26,0	98,4	21 900	70 600*	74,0
76,0													19,6	93,4	19 800	67 700*	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).

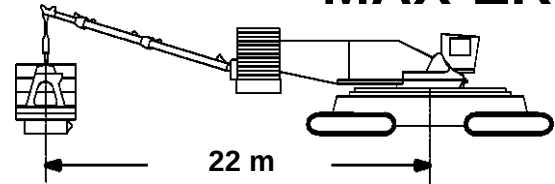
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	63,2	131,2	168 800	198 700*													35,1
36,0	62,1	130,7	162 900	193 800*													36,0
38,0	59,6	129,5	151 300	183 600*	67,8	132,1	127 300	190 600*b									38,0
40,0	57,2	128,2	141 000	173 600*	65,5	131,2	118 400	180 000*b									40,0
42,0	54,6	126,8	131 800	163 900*	63,1	130,2	110 300	170 300*									42,0
44,0	52,0	125,3	123 400	154 600*	60,7	129,1	103 100	161 500*									44,0
46,0	49,2	123,6	115 800	145 800*	58,3	127,8	96 500	153 400*									46,0
48,0	46,4	121,7	108 800	137 400*	55,8	126,5	90 500	145 900*	64,1	129,0	72 300	133 500*					48,0
50,0	43,3	119,6	102 400	129 600*	53,2	125,0	85 000	139 100*	61,7	128,0	67 600	127 200*					50,0
52,0	40,1	117,3	96 500	122 500*	50,5	123,4	79 900	132 700*	59,3	126,8	63 300	121 300*					52,0
54,0	36,7	114,7	91 000	115 800*	47,7	121,6	75 200	126 800*	56,8	125,5	59 300	115 900*					54,0
56,0	32,9	111,7	85 900	109 800*	44,7	119,6	70 800	121 300*	54,2	124,1	55 600	110 800*					56,0
58,0	28,7	108,2	81 100	104 400*	41,6	117,4	66 700	116 200*	51,5	122,5	52 100	106 000*					58,0
60,0	23,8	103,9	76 500	99 700*	38,3	114,9	62 900	111 300*	48,8	120,7	48 900	101 600*	57,6	123,8	34 900	91 900*	60,0
62,0	17,6	98,3	72 000	95 900*	34,7	112,1	59 300	106 700*	45,9	118,8	45 800	97 400*	55,0	122,4	32 400	88 100*	62,0
64,0	6,7	88,1	67 200	94 100*	30,7	108,8	55 800	102 400*	42,8	116,7	43 000	93 500*	52,4	120,8	30 100	84 500*	64,0
66,0					26,1	105,0	52 500	98 300*	39,6	114,3	40 300	89 700*	49,7	119,2	27 800	81 000*	66,0
68,0					20,6	100,1	49 300	94 400*	36,1	111,7	37 700	86 200*	46,8	117,3	25 700	77 800*	68,0
70,0					12,9	93,0	46 000	90 500*	32,3	108,6	35 200	82 900*	43,8	115,2	23 800	74 800*	70,0
72,0									28,0	105,0	32 800	79 600*	40,6	113,0	21 900	71 900*	72,0
74,0									23,0	100,6	30 500	76 500*	37,2	110,4	20 000	69 100*	74,0
76,0									16,4	94,7	28 100	73 400*	33,5	107,5	18 300	66 300*	76,0
80,0													24,6	99,9	14 800	61 200*	80,0

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

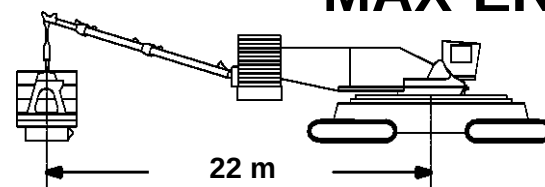
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
40,0	60,8	135,4	139 900	166 500*	68,1	137,9	116 600	178 500*									40,0
42,0	58,6	134,2	130 600	158 100*	66,0	137,0	108 700	168 800*									42,0
44,0	56,4	132,9	122 300	149 800*	63,9	136,0	101 500	160 000*									44,0
46,0	54,1	131,4	114 700	141 900*	61,8	135,0	94 900	152 000*									46,0
48,0	51,7	129,9	107 800	134 300*	59,6	133,8	89 000	144 600*									48,0
50,0	49,2	128,2	101 400	127 100*	57,4	132,5	83 500	137 700*									50,0
52,0	46,6	126,3	95 600	120 200*	55,1	131,1	78 400	131 400*	62,6	133,8	61 300	119 700*					52,0
54,0	43,9	124,2	90 200	113 800*	52,8	129,6	73 800	125 600*	60,5	132,7	57 400	114 300*					54,0
56,0	41,1	122,0	85 200	107 800*	50,3	128,0	69 400	120 100*	58,3	131,5	53 700	109 300*					56,0
58,0	38,1	119,5	80 500	102 200*	47,8	126,2	65 400	115 000*	56,0	130,1	50 300	104 600*					58,0
60,0	34,9	116,7	76 100	97 100*	45,2	124,2	61 600	110 200*	53,7	128,7	47 200	100 200*					60,0
62,0	31,3	113,5	71 900	92 400*	42,4	122,1	58 100	105 700*	51,3	127,1	44 200	96 000*					62,0
64,0	27,4	109,8	68 000	88 300*	39,5	119,7	54 800	101 500*	48,8	125,3	41 400	92 100*	56,7	128,4	28 100	82 800*	64,0
66,0	22,8	105,3	64 200	84 600*	36,3	117,0	51 700	97 500*	46,2	123,4	38 800	88 500*	54,4	127,0	25 900	79 500*	66,0
68,0	17,0	99,5	60 500	81 800*	33,0	114,0	48 700	93 700*	43,5	121,4	36 300	85 000*	52,0	125,4	23 900	76 300*	68,0
70,0	7,2	89,3	56 600	80 300*	29,2	110,6	45 800	90 100*	40,6	119,1	33 900	81 700*	49,6	123,8	22 000	73 300*	70,0
72,0					24,9	106,5	43 000	86 600*	37,6	116,5	31 700	78 600*	47,0	121,9	20 100	70 500*	72,0
74,0					19,8	101,4	40 300	83 200*	34,3	113,7	29 500	75 600*	44,4	119,9	18 400	67 800*	74,0
76,0					12,6	94,1	37 500	79 900*	30,7	110,4	27 400	72 700*	41,6	117,7	16 700	65 100*	76,0
80,0									22,0	102,0	23 400	67 300*	35,4	112,5	13 500	60 200*	80,0
84,0													28,0	105,7	10 500	55 600*	84,0
88,0													18,0	95,9	7 600	51 300*	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).

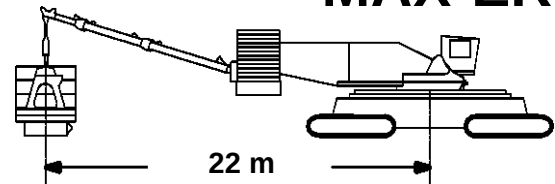
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,0	59,8	140,1	120 500	144 000*	66,5	142,8	99 100	158 000*									44,0
46,0	57,8	138,9	113 000	137 000*	64,6	141,8	92 600	150 000*									46,0
48,0	55,7	137,5	106 100	130 300*	62,7	140,8	86 700	142 600*									48,0
50,0	53,6	136,1	99 800	123 700*	60,7	139,7	81 200	135 800*									50,0
52,0	51,4	134,5	94 000	117 500*	58,7	138,5	76 200	129 500*									52,0
54,0	49,2	132,8	88 600	111 500*	56,7	137,2	71 600	123 700*	63,4	139,7	54 700	112 200*					54,0
56,0	46,8	130,9	83 600	105 800*	54,6	135,8	67 300	118 300*	61,5	138,6	51 100	107 200*					56,0
58,0	44,4	128,9	78 900	100 400*	52,4	134,2	63 300	113 200*	59,5	137,4	47 800	102 500*					58,0
60,0	41,9	126,7	74 600	95 400*	50,2	132,6	59 600	108 500*	57,5	136,1	44 600	98 100*					60,0
62,0	39,2	124,3	70 600	90 700*	47,9	130,8	56 100	104 000*	55,4	134,8	41 700	94 000*					62,0
64,0	36,4	121,6	66 800	86 400*	45,5	128,9	52 900	99 800*	53,3	133,3	39 000	90 200*					64,0
66,0	33,3	118,7	63 200	82 400*	43,0	126,7	49 800	95 900*	51,1	131,7	36 400	86 500*	58,1	134,4	23 100	77 300*	66,0
68,0	30,0	115,3	59 700	78 700*	40,4	124,4	46 900	92 200*	48,8	129,9	34 000	83 100*	56,0	133,1	21 100	74 200*	68,0
70,0	26,2	111,4	56 500	75 500*	37,7	121,9	44 100	88 600*	46,5	128,1	31 600	79 900*	53,9	131,6	19 200	71 200*	70,0
72,0	21,9	106,7	53 300	72 600*	34,7	119,1	41 500	85 200*	44,0	126,0	29 500	76 800*	51,8	130,0	17 500	68 400*	72,0
74,0	16,4	100,7	50 100	70 400*	31,5	115,9	39 000	82 000*	41,5	123,8	27 400	73 900*	49,5	128,4	15 800	65 700*	74,0
76,0	7,6	90,5	46 800	69 300*	28,0	112,3	36 600	79 000*	38,8	121,3	25 400	71 100*	47,2	126,5	14 200	63 200*	76,0
80,0					19,1	102,7	31 900	73 100*	32,8	115,6	21 700	65 900*	42,3	122,4	11 100	58 300*	80,0
84,0									25,6	108,2	18 200	61 000*	36,8	117,4	8 400	53 900*	84,0
88,0									15,4	97,0	14 600	56 300*	30,5	111,2	5 700	49 900*	88,0
92,0													22,6	102,8	3 200	46 000*	92,0

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

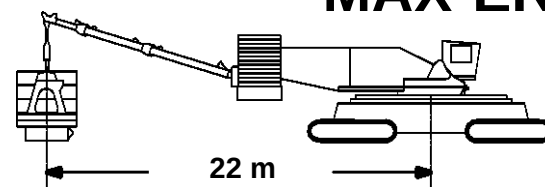
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
46,0	60,8	146,0	111 800	132 100*	66,8	148,6	91 000	148 300*									46,0
48,0	58,9	144,8	104 900	126 300*	65,1	147,6	85 000	140 900*									48,0
50,0	57,1	143,5	98 500	120 500*	63,4	146,6	79 600	134 200*									50,0
52,0	55,2	142,2	92 600	114 900*	61,6	145,6	74 500	127 900*									52,0
54,0	53,2	140,7	87 300	109 500*	59,8	144,4	69 900	122 100*									54,0
56,0	51,2	139,1	82 300	104 400*	57,9	143,2	65 600	116 700*									56,0
58,0	49,2	137,4	77 600	99 400*	56,0	141,8	61 600	111 600*	62,3	144,4	45 700	100 700*					58,0
60,0	47,0	135,5	73 300	94 600*	54,1	140,4	57 900	106 900*	60,5	143,3	42 600	96 400*					60,0
62,0	44,8	133,5	69 300	90 100*	52,1	138,8	54 400	102 500*	58,7	142,1	39 700	92 200*					62,0
64,0	42,5	131,4	65 500	85 900*	50,1	137,2	51 200	98 300*	56,8	140,8	36 900	88 500*					64,0
66,0	40,1	129,0	61 900	81 900*	48,0	135,4	48 100	94 400*	54,9	139,4	34 400	84 800*					66,0
68,0	37,6	126,5	58 600	78 200*	45,8	133,5	45 200	90 700*	52,9	137,9	32 000	81 400*					68,0
70,0	34,9	123,7	55 400	74 800*	43,6	131,4	42 500	87 200*	50,9	136,3	29 700	78 200*	57,4	139,1	17 000	69 400*	70,0
72,0	32,0	120,5	52 300	71 600*	41,2	129,1	39 900	83 800*	48,8	134,6	27 500	75 200*	55,5	137,7	15 200	66 600*	72,0
74,0	28,8	117,0	49 400	68 700*	38,7	126,7	37 500	80 700*	46,7	132,7	25 500	72 300*	53,5	136,2	13 500	63 900*	74,0
76,0	25,2	112,9	46 700	66 100*	36,1	124,0	35 200	77 700*	44,5	130,7	23 500	69 500*	51,5	134,6	12 000	61 400*	76,0
80,0	16,0	101,8	41 200	62 200*	30,2	117,7	30 800	72 100*	39,7	126,1	19 900	64 400*	47,4	131,1	9 000	56 700*	80,0
84,0					23,1	109,4	26 700	66 800*	34,4	120,7	16 600	59 700*	42,9	127,0	6 400	52 400*	84,0
88,0					12,2	96,2	22 600	61 900*	28,3	113,9	13 400	55 300*	38,0	122,2	3 900	48 400*	88,0
92,0									20,4	104,7	10 400	51 100*	32,4	116,4	1 500	44 700*	92,0
96,0													25,8	108,9		41 200*	96,0
100,0													16,9	98,3		37 900*	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).

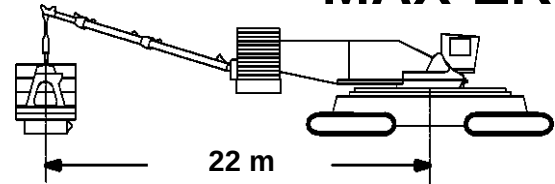
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 kg Hanging Counterweight
at 22 m Position
Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,0	59,9	150,8	96 700	115 600*	65,6	153,4	77 200	132 200*									50,0
52,0	58,2	149,5	90 800	110 700*	64,0	152,5	72 200	125 900*									52,0
54,0	56,5	148,2	85 400	106 000*	62,3	151,4	67 600	120 200*									54,0
56,0	54,7	146,8	80 500	101 300*	60,7	150,3	63 300	114 800*									56,0
58,0	52,9	145,3	75 800	96 800*	59,0	149,1	59 400	109 700*	64,6	151,3	43 000	98 600*					58,0
60,0	51,1	143,7	71 500	92 500*	57,3	147,8	55 700	105 100*	63,0	150,3	39 900	94 200*					60,0
62,0	49,1	142,0	67 500	88 300*	55,5	146,5	52 200	100 600*	61,3	149,2	37 000	90 200*					62,0
64,0	47,2	140,1	63 700	84 300*	53,7	145,0	49 000	96 500*	59,7	148,0	34 300	86 400*					64,0
66,0	45,2	138,2	60 200	80 500*	51,9	143,4	46 000	92 600*	57,9	146,8	31 900	82 800*					66,0
68,0	43,1	136,0	56 900	76 900*	50,0	141,8	43 100	88 900*	56,2	145,4	29 500	79 400*					68,0
70,0	40,9	133,8	53 800	73 500*	48,1	140,0	40 500	85 400*	54,4	144,0	27 200	76 200*					70,0
72,0	38,6	131,3	50 800	70 300*	46,1	138,1	37 900	82 200*	52,6	142,5	25 100	73 200*	58,5	145,0	12 400	64 400*	72,0
74,0	36,1	128,6	47 900	67 400*	44,0	136,0	35 500	79 100*	50,8	140,9	23 100	70 400*	56,8	143,7	10 800	61 800*	74,0
76,0	33,6	125,6	45 300	64 600*	41,9	133,8	33 200	76 100*	48,8	139,1	21 200	67 600*	55,0	142,3	9 300	59 300*	76,0
80,0	27,8	118,7	40 200	59 800*	37,2	128,9	28 900	70 500*	44,8	135,3	17 600	62 600*	51,3	139,2	6 400	54 600*	80,0
84,0	20,5	109,4	35 500	55 900*	32,1	122,9	25 000	65 500*	40,5	130,9	14 400	57 900*	47,5	135,7	3 800	50 400*	84,0
88,0	8,1	92,8	30 600	54 000*	25,9	115,5	21 400	60 800*	35,7	125,6	11 400	53 700*	43,4	131,7	1 400	46 400*	88,0
92,0					17,9	105,2	17 900	56 400*	30,3	119,3	8 600	49 700*	38,9	127,0		42 900*	92,0
96,0									23,8	111,2	5 900	45 900*	34,0	121,4		39 500*	96,0
100,0									14,7	99,2	3 200	42 300*	28,2	114,6		36 400*	100,0
104,0													21,1	105,6		33 400*	104,0

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

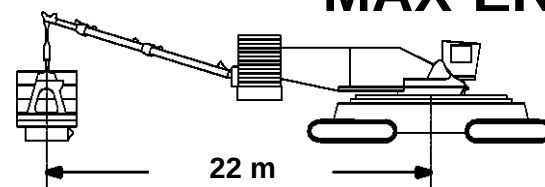
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
52,0	60,7	156,6	89 300	105 900*	66,0	159,2	70 300	124 400*									52,0
54,0	59,2	155,4	83 900	101 800*	64,5	158,3	65 700	118 600*									54,0
56,0	57,6	154,2	78 900	97 800*	63,0	157,3	61 500	113 200*									56,0
58,0	56,0	152,8	74 300	93 800*	61,4	156,2	57 500	108 200*									58,0
60,0	54,3	151,4	70 000	89 900*	59,9	155,0	53 800	103 500*									60,0
62,0	52,6	149,9	66 000	86 100*	58,3	153,8	50 400	99 100*	63,6	156,1	35 000	88 500*					62,0
64,0	50,9	148,3	62 200	82 500*	56,7	152,5	47 200	95 000*	62,0	155,1	32 300	84 700*					64,0
66,0	49,1	146,6	58 700	79 000*	55,1	151,1	44 200	91 100*	60,5	153,9	29 800	81 200*					66,0
68,0	47,3	144,7	55 400	75 500*	53,4	149,6	41 400	87 500*	58,9	152,7	27 400	77 800*					68,0
70,0	45,4	142,8	52 300	72 400*	51,7	148,1	38 700	84 000*	57,3	151,4	25 200	74 600*					70,0
72,0	43,5	140,7	49 400	69 300*	49,9	146,4	36 200	80 800*	55,7	150,1	23 100	71 700*					72,0
74,0	41,5	138,5	46 600	66 400*	48,1	144,6	33 800	77 700*	54,1	148,6	21 100	68 800*					74,0
76,0	39,4	136,1	43 900	63 600*	46,3	142,7	31 600	74 700*	52,4	147,1	19 200	66 100*	57,8	149,7	7 100	57 600*	76,0
80,0	34,9	130,6	39 000	58 700*	42,4	138,5	27 400	69 200*	48,9	143,8	15 700	61 100*	54,6	146,9	4 300	53 000*	80,0
84,0	29,7	124,1	34 500	54 300*	38,2	133,7	23 500	64 200*	45,1	139,9	12 600	56 500*	51,2	143,9	1 700	48 800*	84,0
88,0	23,6	115,9	30 300	50 700*	33,5	128,0	20 000	59 700*	41,2	135,6	9 700	52 300*	47,6	140,3		44 900*	88,0
92,0	15,3	104,2	26 200	48 200*	28,2	121,1	16 700	55 400*	36,8	130,5	7 000	48 400*	43,8	136,3		41 400*	92,0
96,0					21,6	112,2	13 600	51 400*	32,0	124,5	4 400	44 700*	39,7	131,8		38 100*	96,0
100,0					11,9	98,4	10 400	47 400*	26,4	117,1	2 000	41 400*	35,2	126,4		35 100*	100,0
104,0									19,2	107,3		38 100*	30,2	120,0		32 200*	104,0
108,0													24,1	112,0		29 500*	108,0
112,0													16,1	100,6		26 700*	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 140 ft Mast No. 81

208 060 kg Crane Counterweight

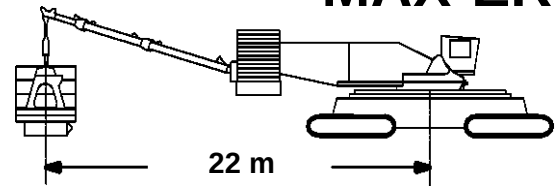
90 720 kg Carbody Counterweight

192 010 kg Hanging Counterweight

at 22 m Position

Narrow or Wide Crawler Arrangement - 360 Degree Rating

Meets
ANSI B30.5
Requirements



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

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 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	
56,0	60,0	161,4	77 000	93 400*	64,9	164,1	59 100	111 300*					56,0
58,0	58,5	160,1	72 400	90 000*	63,5	163,1	55 200	106 300*					58,0
60,0	57,0	158,9	68 100	86 500*	62,1	162,0	51 500	101 600*					60,0
62,0	55,5	157,5	64 100	83 300*	60,6	160,9	48 100	97 200*					62,0
64,0	54,0	156,0	60 300	80 000*	59,2	159,7	44 900	93 100*	64,1	161,9	29 600	82 600*	64,0
66,0	52,4	154,5	56 800	76 800*	57,7	158,5	41 900	89 300*	62,6	160,9	27 100	79 100*	66,0
68,0	50,8	152,9	53 500	73 700*	56,2	157,1	39 100	85 700*	61,2	159,8	24 800	75 800*	68,0
70,0	49,1	151,2	50 400	70 700*	54,7	155,7	36 500	82 200*	59,8	158,6	22 600	72 600*	70,0
72,0	47,4	149,3	47 500	67 900*	53,1	154,2	34 000	79 000*	58,3	157,4	20 500	69 600*	72,0
74,0	45,7	147,4	44 700	65 100*	51,5	152,6	31 600	75 900*	56,8	156,1	18 600	66 800*	74,0
76,0	43,9	145,4	42 100	62 500*	49,9	151,0	29 400	72 900*	55,3	154,7	16 700	64 100*	76,0
80,0	40,1	140,8	37 200	57 600*	46,5	147,3	25 200	67 500*	52,1	151,7	13 300	59 200*	80,0
84,0	36,0	135,6	32 800	52 800*	42,9	143,2	21 400	62 600*	48,9	148,4	10 200	54 600*	84,0
88,0	31,4	129,4	28 700	47 100*	39,0	138,5	18 000	58 000*	45,4	144,6	7 300	50 500*	88,0
92,0	26,0	121,9	24 900	41 700*	34,8	133,0	14 800	52 200*	41,7	140,2	4 700	46 600*	92,0
96,0	19,4	112,1	21 300	36 900*	30,0	126,5	11 900	46 300*	37,8	135,3	2 300	43 100*	96,0
100,0	8,4	95,1	17 500	33 100*	24,4	118,5	9 100	41 000*	33,4	129,6		39 700*	100,0
104,0					17,1	107,6	6 300	36 300*	28,4	122,8		36 600*	104,0
108,0									22,4	114,1		33 700*	108,0
112,0									14,1	101,5		30 800*	112,0

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

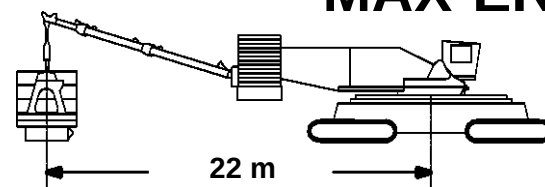
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	60,3	120,0	218 700	257 500 b													29,0
30,0	58,3	119,3	209 100	249 300 b													30,0
32,0	54,5	117,9	192 000	233 800 b													32,0
34,0	50,5	116,3	177 200	218 900 b													34,0
36,0	46,1	114,4	164 200	204 800*	61,0	119,2	139 200	204 800 b									36,0
38,0	41,5	112,2	152 500	191 800*	57,2	117,9	129 100	192 900 b									38,0
40,0	36,3	109,6	142 100	180 000*	53,4	116,5	120 300	182 100 b									40,0
42,0	30,4	106,4	132 500	169 600*	49,2	114,8	112 200	172 400*									42,0
44,0	23,0	102,1	123 500	161 000*	44,9	112,8	104 900	163 400*	59,7	117,1	85 000	150 000 b					44,0
46,0					40,1	110,5	98 100	155 200*	55,9	115,8	79 400	142 500 b					46,0
48,0					34,7	107,7	91 900	147 600*	52,0	114,2	74 300	135 500 b					48,0
50,0					28,4	104,2	86 000	140 500*	47,8	112,4	69 600	129 100*					50,0
52,0					20,3	99,5	80 300	133 700*	43,2	110,3	65 100	123 200*	58,1	114,2	49 000	112 000 b	52,0
54,0									38,3	107,9	61 000	117 600*	54,2	112,8	45 700	107 000 b	54,0
56,0									32,7	104,9	57 000	112 300*	50,2	111,2	42 600	102 200 b	56,0
58,0									25,9	101,1	53 200	107 300*	45,8	109,3	39 600	97 800*	58,0
60,0									16,6	95,5	49 200	102 300*	41,2	107,0	36 800	93 600*	60,0
62,0													35,9	104,4	34 200	89 600*	62,0
64,0													29,9	101,1	31 500	85 800*	64,0
66,0													22,4	96,7	28 900	82 100*	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).

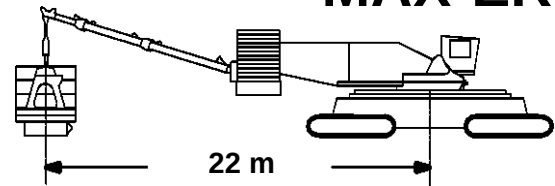
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	57,8	124,3	179 700	212 300 b				c									33,5
34,0	57,0	124,0	176 500	209 300 b				c									34,0
36,0	53,7	122,6	163 500	196 700*	65,5	126,1	137 200	202 900 b									36,0
38,0	50,2	120,9	152 000	184 600*	62,4	125,1	127 300	191 100 b									38,0
40,0	46,6	119,1	141 700	173 300*	59,3	123,9	118 500	180 500 b									40,0
42,0	42,7	116,9	132 400	162 800*	56,1	122,6	110 600	170 800*									42,0
44,0	38,4	114,5	123 900	153 100*	52,7	121,1	103 400	162 000*									44,0
46,0	33,7	111,6	116 100	144 400*	49,2	119,4	96 800	153 900*	61,4	123,0	77 000	140 400 b					46,0
48,0	28,2	108,1	108 900	136 800*	45,5	117,4	90 800	146 400*	58,2	121,8	72 100	133 600 b					48,0
50,0	21,5	103,5	102 100	130 500*	41,5	115,2	85 200	139 500*	54,9	120,4	67 500	127 300*					50,0
52,0					37,1	112,7	80 000	133 100*	51,5	118,8	63 200	121 400*					52,0
54,0					32,2	109,6	75 200	127 100*	47,9	117,0	59 200	116 000*					54,0
56,0					26,5	105,8	70 500	121 400*	44,1	115,0	55 500	110 900*	56,8	118,9	40 000	100 200 b	56,0
58,0					19,1	100,8	66 000	115 900*	40,0	112,7	52 000	106 100*	53,5	117,4	37 200	95 800*	58,0
60,0									35,5	110,0	48 700	101 600*	50,0	115,8	34 600	91 800*	60,0
62,0									30,3	106,7	45 500	97 300*	46,3	113,9	32 100	87 900*	62,0
64,0									24,2	102,6	42 400	93 200*	42,4	111,7	29 800	84 300*	64,0
66,0									15,8	96,7	39 200	89 100*	38,1	109,2	27 500	80 800*	66,0
68,0													33,3	106,3	25 300	77 600*	68,0
70,0													27,8	102,8	23 100	74 400*	70,0
72,0													21,0	98,1	20 900	71 300*	72,0

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

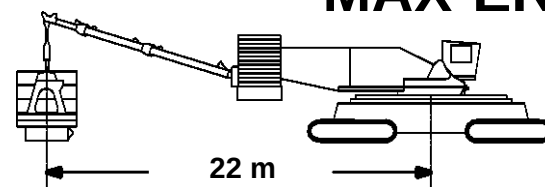
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
40,0	53,1	127,2	141 500	167 900*	63,5	130,9	117 400	179 200*b									40,0
42,0	50,1	125,5	132 300	158 100*	60,8	129,8	109 500	169 500*									42,0
44,0	46,9	123,7	123 900	148 900*	58,1	128,6	102 400	160 800*									44,0
46,0	43,5	121,6	116 300	140 300*	55,2	127,2	95 900	152 800*									46,0
48,0	39,9	119,2	109 200	132 300*	52,3	125,7	89 900	145 400*	62,6	128,9	70 500	132 200*b					48,0
50,0	36,0	116,6	102 800	125 100*	49,2	124,0	84 500	138 600*	59,9	127,7	65 900	125 900*					50,0
52,0	31,6	113,4	96 800	118 500*	45,9	122,1	79 400	132 200*	57,1	126,4	61 700	120 100*					52,0
54,0	26,6	109,7	91 100	112 800*	42,5	119,9	74 700	126 300*	54,2	125,0	57 800	114 700*					54,0
56,0	20,4	104,8	85 700	108 100*	38,8	117,5	70 300	120 900*	51,2	123,4	54 200	109 700*					56,0
58,0					34,8	114,7	66 200	115 700*	48,1	121,6	50 900	105 000*	58,7	124,9	35 400	94 300*	58,0
60,0					30,2	111,4	62 300	110 800*	44,8	119,7	47 700	100 600*	55,9	123,5	32 900	90 300*	60,0
62,0					24,9	107,4	58 500	106 100*	41,2	117,4	44 700	96 400*	52,9	122,0	30 500	86 600*	62,0
64,0					18,2	102,0	54 800	101 700*	37,4	114,9	41 900	92 500*	49,9	120,4	28 200	83 000*	64,0
66,0									33,3	111,9	39 100	88 800*	46,7	118,5	26 100	79 700*	66,0
68,0									28,5	108,4	36 500	85 200*	43,3	116,4	24 100	76 500*	68,0
70,0									22,8	104,0	33 900	81 800*	39,6	114,1	22 100	73 500*	70,0
72,0									15,1	97,8	31 200	78 300*	35,7	111,3	20 200	70 600*	72,0
74,0													31,3	108,2	18 400	67 800*	74,0
76,0													26,2	104,3	16 600	65 000*	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).

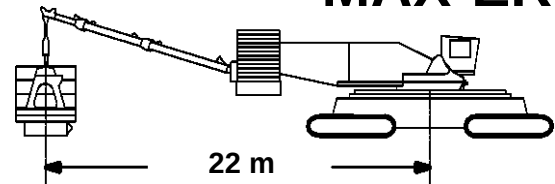
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
46,0	50,0	130,1	114 900	136 400*	59,6	134,5	93 700	150 900*									46,0
48,0	47,1	128,3	108 000	128 900*	57,1	133,2	87 900	143 600*									48,0
50,0	44,2	126,2	101 700	121 800*	54,6	131,8	82 400	136 800*	63,6	134,7	63 300	123 700*					50,0
52,0	41,0	124,0	95 800	115 200*	51,9	130,3	77 500	130 500*	61,2	133,6	59 100	118 000*					52,0
54,0	37,6	121,4	90 300	109 100*	49,2	128,6	72 900	124 700*	58,7	132,4	55 300	112 600*					54,0
56,0	34,0	118,6	85 200	103 600*	46,3	126,7	68 600	119 300*	56,2	131,1	51 800	107 700*					56,0
58,0	29,9	115,2	80 400	98 600*	43,3	124,6	64 600	114 200*	53,6	129,6	48 500	103 100*					58,0
60,0	25,2	111,2	75 900	94 200*	40,1	122,2	60 800	109 400*	51,0	128,0	45 400	98 700*					60,0
62,0	19,4	106,1	71 500	90 700*	36,6	119,6	57 300	105 000*	48,2	126,2	42 500	94 700*	57,7	129,5	27 700	84 300*	62,0
64,0	10,9	98,1	67 100	88 500*	32,8	116,6	53 900	100 700*	45,3	124,3	39 700	90 800*	55,1	128,1	25 500	80 800*	64,0
66,0					28,6	113,1	50 700	96 700*	42,2	122,1	37 200	87 200*	52,5	126,6	23 400	77 600*	66,0
68,0					23,7	108,8	47 700	92 800*	38,9	119,7	34 700	83 700*	49,8	124,9	21 500	74 500*	68,0
70,0					17,4	103,2	44 600	89 000*	35,3	116,9	32 400	80 500*	46,9	123,1	19 600	71 500*	70,0
72,0									31,4	113,8	30 100	77 300*	43,9	121,1	17 900	68 700*	72,0
74,0									27,0	110,1	27 900	74 300*	40,8	118,8	16 200	66 100*	74,0
76,0									21,7	105,4	25 700	71 400*	37,4	116,2	14 600	63 400*	76,0
80,0													29,6	109,9	11 400	58 600*	80,0
84,0													19,0	100,6	8 300	53 900*	84,0

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

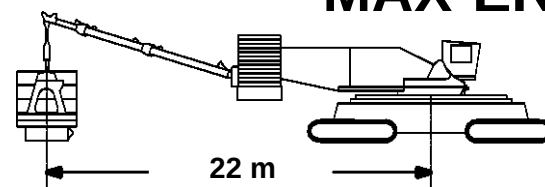
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
52,0	47,3	132,9	94 800	112 700*	56,3	137,9	75 900	129 200*	64,3	140,5	57 100	116 300*					52,0
54,0	44,7	130,9	89 400	106 800*	54,0	136,4	71 400	123 400*	62,2	139,5	53 300	111 000*					54,0
56,0	41,9	128,7	84 400	101 300*	51,6	134,9	67 100	118 000*	60,0	138,3	49 900	106 100*					56,0
58,0	38,9	126,3	79 800	96 200*	49,1	133,2	63 200	113 000*	57,8	137,1	46 600	101 500*					58,0
60,0	35,7	123,5	75 400	91 500*	46,6	131,3	59 500	108 300*	55,5	135,7	43 600	97 200*					60,0
62,0	32,3	120,5	71 300	87 200*	43,9	129,2	56 100	103 900*	53,2	134,2	40 700	93 200*					62,0
64,0	28,5	116,9	67 400	83 300*	41,0	127,0	52 900	99 700*	50,8	132,6	38 100	89 400*	59,0	135,5	23 400	79 200*	64,0
66,0	24,1	112,7	63 700	80 000*	38,0	124,5	49 800	95 800*	48,3	130,9	35 500	85 800*	56,8	134,2	21 400	75 900*	66,0
68,0	18,7	107,3	60 000	77 200*	34,8	121,7	46 900	92 000*	45,7	128,9	33 200	82 400*	54,5	132,8	19 500	72 900*	68,0
70,0	10,8	99,2	56 300	75 500*	31,2	118,5	44 100	88 400*	42,9	126,8	30 900	79 200*	52,2	131,2	17 700	70 000*	70,0
72,0					27,3	114,8	41 400	85 100*	40,0	124,5	28 800	76 200*	49,7	129,6	16 000	67 200*	72,0
74,0					22,7	110,3	38 800	81 800*	36,9	121,8	26 700	73 300*	47,1	127,7	14 400	64 600*	74,0
76,0					16,8	104,4	36 200	78 600*	33,6	118,9	24 700	70 500*	44,5	125,7	12 800	62 100*	76,0
80,0									25,8	111,6	21 000	65 300*	38,7	121,1	9 900	57 400*	80,0
84,0									14,2	100,0	17 000	60 100*	32,1	115,2	7 200	53 000*	84,0
88,0													23,7	107,3	4 600	48 900*	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).

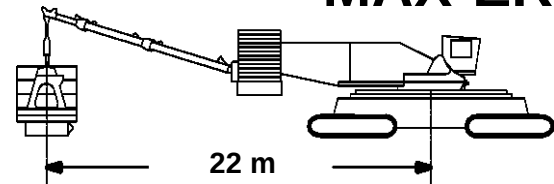
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,0	49,8	139,3	88 100	104 500*	57,7	143,9	69 400	121 500*									54,0
56,0	47,5	137,5	83 100	99 300*	55,7	142,5	65 200	116 200*	63,0	145,3	47 300	103 900*					56,0
58,0	45,1	135,5	78 500	94 400*	53,6	141,1	61 200	111 200*	61,1	144,2	44 100	99 400*					58,0
60,0	42,6	133,4	74 100	89 700*	51,4	139,5	57 600	106 500*	59,1	143,0	41 100	95 100*					60,0
62,0	39,9	131,0	70 100	85 400*	49,1	137,8	54 200	102 100*	57,0	141,7	38 300	91 100*					62,0
64,0	37,1	128,4	66 300	81 400*	46,8	135,9	51 000	98 000*	55,0	140,4	35 700	87 400*					64,0
66,0	34,1	125,6	62 700	77 700*	44,4	133,9	48 000	94 100*	52,8	138,8	33 200	83 800*					66,0
68,0	30,9	122,3	59 300	74 300*	41,8	131,7	45 100	90 400*	50,6	137,2	30 800	80 500*	58,2	140,2	16 700	70 700*	68,0
70,0	27,3	118,6	56 000	71 300*	39,1	129,3	42 400	86 900*	48,3	135,4	28 600	77 300*	56,1	138,8	15 000	67 800*	70,0
72,0	23,1	114,2	52 900	68 600*	36,3	126,6	39 900	83 600*	46,0	133,5	26 600	74 300*	54,0	137,4	13 300	65 100*	72,0
74,0	18,0	108,6	49 800	66 500*	33,2	123,6	37 400	80 500*	43,5	131,5	24 600	71 500*	51,9	135,8	11 700	62 500*	74,0
76,0	10,7	100,2	46 600	65 200*	29,9	120,2	35 100	77 500*	40,9	129,2	22 700	68 800*	49,6	134,1	10 300	60 100*	76,0
80,0					21,8	111,7	30 500	71 800*	35,3	123,9	19 100	63 700*	44,9	130,3	7 500	55 400*	80,0
84,0									28,6	117,3	15 800	59 000*	39,7	125,8	4 900	51 200*	84,0
88,0									20,1	108,1	12 500	54 500*	33,9	120,3	2 500	47 300*	88,0
92,0													27,0	113,3		43 600*	92,0
96,0													17,7	103,1		40 100*	96,0

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

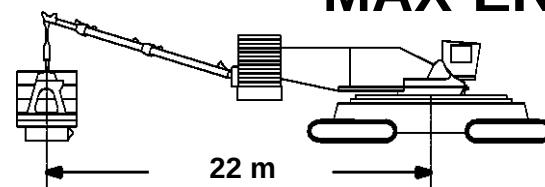
CAUTION: Do not luff into area indicated by (c) with 16 780 kg minimum weight (see CAUTION on page 1).

Liftcrane Luffing Jib Capacities

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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, 73,2 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,0	51,8	145,6	81 500	97 400*	58,9	149,8	63 200	114 500*									56,0
58,0	49,7	143,9	76 900	92 800*	57,0	148,6	59 300	109 600*	63,7	151,2	41 800	97 600*					58,0
60,0	47,6	142,1	72 600	88 500*	55,1	147,2	55 600	104 900*	61,9	150,1	38 800	93 300*					60,0
62,0	45,4	140,1	68 600	84 400*	53,2	145,7	52 300	100 500*	60,1	148,9	36 000	89 300*					62,0
64,0	43,1	138,0	64 800	80 500*	51,2	144,1	49 100	96 400*	58,3	147,7	33 400	85 600*					64,0
66,0	40,8	135,8	61 200	76 900*	49,1	142,4	46 100	92 600*	56,4	146,4	31 000	82 100*					66,0
68,0	38,3	133,2	57 900	73 400*	47,0	140,5	43 300	88 900*	54,5	145,0	28 700	78 800*					68,0
70,0	35,6	130,5	54 800	70 200*	44,8	138,5	40 600	85 500*	52,5	143,4	26 500	75 600*					70,0
72,0	32,8	127,5	51 700	67 300*	42,5	136,4	38 100	82 200*	50,5	141,8	24 400	72 700*	57,5	144,8	10 900	63 200*	72,0
74,0	29,7	124,1	48 900	64 600*	40,1	134,0	35 700	79 100*	48,4	140,1	22 500	69 800*	55,6	143,5	9 400	60 700*	74,0
76,0	26,2	120,2	46 100	62 200*	37,5	131,4	33 500	76 100*	46,2	138,2	20 600	67 200*	53,6	142,0	7 900	58 200*	76,0
80,0	17,5	109,8	40 800	58 500*	31,9	125,5	29 200	70 600*	41,6	133,9	17 200	62 100*	49,6	138,8	5 200	53 700*	80,0
84,0					25,2	117,9	25 200	65 500*	36,6	128,8	14 000	57 600*	45,3	135,0	2 700	49 500*	84,0
88,0					15,9	106,7	21 300	60 700*	30,8	122,7	11 000	53 300*	40,6	130,6	400	45 700*	88,0
92,0									23,8	114,6	8 200	49 300*	35,4	125,3		42 200*	92,0
96,0									13,6	102,2	5 200	45 400*	29,4	118,8		38 800*	96,0
100,0													22,0	110,2		35 700*	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).

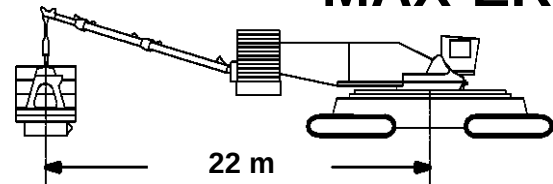
Liftcrane Luffing Jib Capacities

21000

MAX-ER

Luffing Jib No. 81 On
Boom No. 80 With 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	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	Jib Ang. Deg.	Jib Point Elev. m	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
58,0	53,4	151,8	75 100	90 200*	59,9	155,8	56 900	107 600*									58,0
60,0	51,6	150,2	70 800	86 100*	58,2	154,5	53 300	103 000*	64,3	157,0	36 100	91 200*					60,0
62,0	49,7	148,5	66 800	82 400*	56,4	153,2	50 000	98 700*	62,6	155,9	33 300	87 200*					62,0
64,0	47,7	146,7	63 000	78 700*	54,7	151,8	46 800	94 600*	61,0	154,8	30 800	83 500*					64,0
66,0	45,7	144,8	59 500	75 200*	52,9	150,3	43 900	90 700*	59,3	153,6	28 300	80 000*					66,0
68,0	43,6	142,7	56 200	72 000*	51,0	148,7	41 100	87 100*	57,6	152,4	26 100	76 700*					68,0
70,0	41,4	140,5	53 100	68 800*	49,1	147,0	38 500	83 700*	55,8	151,0	23 900	73 600*					70,0
72,0	39,2	138,0	50 100	65 900*	47,1	145,1	36 000	80 500*	54,1	149,6	21 900	70 700*					72,0
74,0	36,8	135,4	47 300	63 100*	45,1	143,1	33 700	77 400*	52,2	148,1	20 000	67 900*	58,6	150,8	6 500	58 500*	74,0
76,0	34,3	132,5	44 700	60 600*	43,0	141,0	31 400	74 500*	50,4	146,4	18 200	65 200*	56,8	149,5	5 100	56 100*	76,0
80,0	28,6	125,8	39 600	56 100*	38,5	136,3	27 300	69 000*	46,4	142,8	14 800	60 300*	53,3	146,6	2 500	51 600*	80,0
84,0	21,6	116,9	35 000	52 500*	33,5	130,6	23 400	64 000*	42,3	138,6	11 700	55 800*	49,5	143,4		47 500*	84,0
88,0	10,6	102,4	30 300	50 500*	27,7	123,6	19 900	59 400*	37,7	133,7	8 900	51 600*	45,6	139,6		43 700*	88,0
92,0					20,4	114,3	16 500	55 100*	32,6	127,8	6 300	47 800*	41,3	135,3		40 300*	92,0
96,0									26,6	120,6	3 700	44 100*	36,6	130,2		37 000*	96,0
100,0									18,8	110,6	1 200	40 700*	31,4	124,1		34 000*	100,0
104,0													25,1	116,4		31 200*	104,0
108,0													16,7	105,5		28 400*	108,0

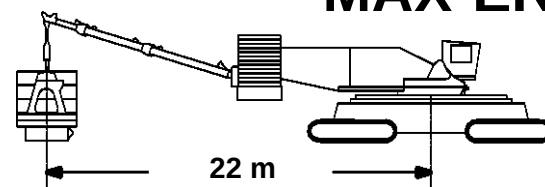
NOTE: Capacities indicated by (b) require 16 780 kg minimum weight suspended beneath luffing jib point.

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 140 ft Mast No. 81
208 060 kg Crane Counterweight
90 720 kg Carbody Counterweight
192 010 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	85 Degree Boom Angle				80 Degree Boom Angle				75 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	
62,0	53,1	156,4	65 300	80 100*	59,1	160,5	48 100	97 100*	63,2	161,8	28 600	81 800*	62,0
64,0	51,4	154,8	61 500	76 800*	57,6	159,2	45 000	93 100*	61,7	160,7	26 200	78 300*	64,0
66,0	49,6	153,1	58 000	73 600*	55,9	157,9	42 100	89 200*	60,2	159,6	24 000	75 100*	66,0
68,0	47,8	151,3	54 700	70 400*	54,3	156,4	39 300	85 600*	58,6	158,4	21 900	72 000*	68,0
70,0	45,9	149,4	51 600	67 500*	52,6	154,9	36 700	82 300*	57,0	157,1	19 900	69 000*	70,0
72,0	44,0	147,3	48 700	64 600*	50,9	153,3	34 200	79 000*	55,4	155,7	18 000	66 300*	72,0
74,0	42,0	145,1	45 900	62 000*	49,1	151,6	31 900	76 000*	53,7	154,2	16 200	63 600*	74,0
76,0	40,0	142,8	43 300	59 400*	47,3	149,7	29 700	73 100*	50,3	151,0	12 900	58 800*	76,0
80,0	35,5	137,5	38 400	54 800*	43,5	145,7	25 600	67 700*	46,6	147,4	9 800	54 300*	80,0
84,0	30,5	131,2	33 900	50 800*	39,3	141,0	21 900	62 800*	42,8	143,2	7 100	50 200*	84,0
88,0	24,5	123,2	29 700	47 500*	34,8	135,6	18 500	58 300*	38,6	138,5	4 500	46 400*	88,0
92,0	16,6	112,2	25 700	45 100*	29,7	129,1	15 300	54 100*	34,0	132,9	2 200	42 900*	92,0
96,0					23,5	120,9	12 200	50 200*	28,7	126,1		39 600*	96,0
100,0					15,1	109,0	9 200	46 400*	22,3	117,5		36 500*	100,0
104,0									13,1	104,4		33 400*	104,0
108,0													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).